SLIGP 2.0 Grant Closeout Report				2. Award or Grant Number:	72-10-S18072
				4. EIN:	66-0679060
1. Recipient Name	PUERTO RICO OFFICE FOR PUBLIC SAFETY AND SECURITY			6. Report Date (MM/DD/YYYY)	06/29/2021
3. Street Address	P.O. BOX 194140			7. Reporting Period End Date: (MM/DD/YYYY)	03/31/2021
5. City, State, Zip Code	SAN JUAN, PR 00919-4140			8. Final Report Yes ☑ No ☐	

9. Project/Grant Period				10. Reserved for Reviewer	
9a. Start Date: (MM/DD/YYYY)	03/01/2018	9b. End Date: (MM/DD/YYYY)	03/31/2021		

11. Program Activities

11a. Identify the activities you performed during SLIGP2.0 grant period of performance

	Activity Type (Planning, Governance Meetings, etc.)	Was this Activity Performed during the grant period? (Yes/No)	Total Project Deliverable Quantity (Number)	Description of Activity Deliverable Quantity
1	Governance Meetings	No		*Cumulative number of governance, subcommittee, or working group meetings related to the NPSBN held during the grant period*
2	Individuals Sent to Broadband Conferences	Yes	12	*Cumulative number of individuals sent to national or regional third-party conferences with a focus or training track related to the NPSBN using SLIGP 2.0 grant funds during the grant period*
3	Convened Stakeholder Events	No	0	*Cumulative number of events coordinated or held using SLIGP 2.0 grant funds during the grant period, as requested by FirstNet.*
4	Staff Hired (Full-Time Equivalent)(FTE)	No		*Cumulative number of state/territory personnel FTEs who began supporting SLIGP 2.0 activities during the grant period (may be a decimal).*
5	Contracts Executed	Yes	1	*Cumulative number of contracts executed during the grant period.*
6	Subrecipient Agreements Executed	No		*Cumulative number of agreements executed during the grant period.*
7	Data Sharing Policies/Agreements Developed	No		*Yes or No if data sharing policies and/or agreements were developed during the grant period.*
8	Further Identification of Potential Public Safety Users	Yes		*Yes or No if further identification of potential public safety users occurred during the grant period.*
9	Plans for Emergency Communications Technology Transitions	Yes		*Yes or No if plans for future emergency communications technology transitions occurred during the grant period.*
10	Identified and Planned to Transition PS Apps & Databases	Yes		*Yes or No if public safety applications or databases within the State or territory were identified and transition plans were developed during the grant period*
11	Identify Ongoing Coverage Gaps	Yes		*Yes or No if participated in identifying ongoing coverage gaps using SLIGP 2.0 funds during the grant period.*
12	Data Collection Activities	No		*Yes or No if participated in data collection activities as requested by FirstNet*

11b. Please provide a description of each activity reported in response to Question 11; any challenges or obstacles encountered and mitigation strategies you employed; and any additional project milestones or information.

11. 1 Throughout the term of the SLIGP 2.0 period of performance, our work team provides valuable information about FirstNet to the 78 municipalities of Puerto Rico. Municipal Emergency Management personnel, search and rescue teams, radio operators and emergency managers, participated in meetings and presentations on the capabilities of the Nationwide Public Safety Broadband Network and how it benefits them to be part of said network. In addition to the emergency managers, municipal and state police personnel and firefighters received one-on-one meetings, where potential users were identified, many of whom went on to subscribe to FirstNet.

11.2 Over 250 meetings were held between our office work team, Federal agencies, State agencies, local agencies, and the private sector, like the Department of Correction, Puerto Rico Police Bureau, Puerto Rico Emergency Management Bureau, Department of Transportation and Public Works, University of Puerto Rico, AT&T, USGS, San Lucas hospital (Ponce), every emergency management state zones, and every municipality across the island of Puerto Rico.

   A.) Some of the topics of the meetings were:
   - Wat is firstnet?
   - The purpose of FirstNet.
   - The 9/11 communications challenges.
   - Who qualifies?
   - Push to talk services.
   - The priority in the network.
   - The quality of services.
   - Band 14 and coverage in urban and rural areas.
   - Technology transition between Radiofrequency and LTE.

11.3 Among the achievements, the state Emergency Management Bureau in all its zones Directors and Search and Rescue Teams obtained FirstNet ready Sonim telephones with PTT with FirstNet LTE. Also, Puerto Rico EMS, Puerto Rico Firefighters Corps Bureau, and 9-1-1 have FirstNet contracts with AT&T.

11.4 The broadband conferences allowed us to learn about the technological advances and updates that FirstNet has had. In them, we learned about banda14 technology for the first time, as well as we could see the firstnet ready equipment that served as a reference to take into consideration, including the Sonim XP8 telephones acquired by the Emergency Management Bureau.

11.5 The contract for Project Management and Data Collection allowed us to approach each municipality on the island, carrying a direct message to the first respondent, the mayors, heads of operations and the field. The 78 municipalities received attention to their needs, concerns and we channeled the matters that required the assistance of AT&T FirstNet.

11.6 Our contractor identify and participate in the process of transitioning radio frequency flood sensors to LTE FirstNet and participated in various meetings of the municipalities so that FirstNet could become an alternate or primary system that allows managing the data of these sensors for the benefit of the first responders and the communities that are in flood zones.

11.7 During the visits to each municipality on the island, data was taken from places with poor coverage and the information was channeled to AT&T. One of the places that were identified was the capital of Puerto Rico itself, San Juan, in the area near the Secretary of State, where the signal was weak. Likewise, a poor signal was reported to AT&T at the Emergency Operations Center (EOC) in the Emergency Management Bureau. At that time, AT&T deployed equipment to reinforce EOC operations.

11c. Did you perform activities during the last quarter of the grant that haven't been reported previously (i.e., new programmatic activities, staffing changes)? If so, please describe.
No programmatic activity was carried out beyond the closing and no change of staff was reported.

11d. Please share any lessons learned or best practices that your organization implemented during your SLIGP 2.0 project.
Small meetings and presentations are most effective in terms of giving first responders a better understanding of what FirstNet is and its scope. In addition, this method allows to create an environment of trust focused on solving particular situations of the first responders, and also helps to identify potential subscribers.

12. Personnel

12a. Staffing Table - Please include all staff that contributed time to the project with utilization. Please only include government staff employed by the state/territory NOT contractors.

Job Title	FTE%	Project (s) Assigned
Technology Officer	40%	Provide technology support and prepared the PPR.
Grant Administrator	30%	Provide grant management support, managing the project's budget, and ensuring that the grant activities are completed on time.
Financial Coordinator	25%	Produced financial statements, oversight transaction and implementing audit system.
SWIC	50%	Implementation a statewide vision for interoperability.
Program Manager	100%	Develop and coordinate outreach and educations plans to Puerto Rico Public Safety community and completing progress reports.
Administrative Assistant	20%	Provide grant administrative and coordination support.

13. Contractual (Contract and/or Subrecipients)

13a. Contractual Table – Include all contractors. The totals from this table should equal the "Contractual" in Question 14f.

Name	Subcontract Purpose	Type (Contract/Subrec.)	RFP/RFQ Issued (Y/N)	Contract Executed (Y/N)	Start Date	End Date	Total Federal Funds Allocated	Total Matching Funds Allocated
Lex R. Santos Rivera	Project Management and Data Collection	Contract	Y	Y	11/14/2018	3/3/2021	$128,236.25	
Total Funds Allocated to Contracts							$128,236.25	$0.00

14. Budget Worksheet

Columns 2, 3 and 4 must match your project budget for the entire award and your final SF 424A. Columns 5, 6, and 7 should list your final budget figures, cumulative through the last quarter						
Project Budget Element (1)	Federal Funds Awarded (2)	Approved Matching Funds (3)	Total Budget (4)	Final Federal Funds Expended (5)	Final Approved Matching Funds Expended (6)	Final Total Funds Expended (7)
a. Personnel Salaries	$292,500.00	$0.00	$292,500.00	$180,628.33	$0.00	$180,628.33
b. Personnel Fringe Benefits	$38,058.75	$0.00	$38,058.75	$22,269.29	$0.00	$22,269.29
c. Travel	$19,360.00	$0.00	$19,360.00	$30,939.70	$0.00	$30,939.70
d. Equipment	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
e. Materials/Supplies	$2,881.25	$0.00	$2,881.25	$2,461.63	$0.00	$2,461.63
f. Contractual	$271,040.00	$0.00	$271,040.00	$128,236.25	$0.00	$128,236.25
g. Other	$76,160.00	$0.00	$76,160.00	$0.00	$0.00	$0.00
h. Indirect	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
i. Total Costs	$700,000.00	$0.00	$700,000.00	$364,535.20	$0.00	$364,535.20
j. Proportionality Percent	100%	0%	100%	100%	0%	100%

15. Additional Questions: Read each statement below. Rate your level of agreement or disagreement with each statement and answer follow-up questions to provide additional information.			
Statement	Agree/Disagree	Additional Questions	Response
15a. SLIGP 2.0 funds were helpful in planning for the integration with the NPSBN.	5-Strongly Agree	What was most helpful? What challenges did you encounter?	Our Office agree that the SLIGP 2.0 funds helped establish a better integration of FirstNeten la manera que ayudó por medio de la educación a la adopción de FirstNet en la mayoría de las agencias de primera respuesta a nivel estatal, y nivel municipal. rst responders at the state level, and at the municipal level. For the integration activities the biggest challenge was the natural hazards that impact the island. Indeed, Puerto Rico is still recovering from Hurricane María, and the earthquake events in the southern area, since the first responders were found attending emergencies. All of this not only impacts the first responders, but critical telecommunications infrastructure had also suffered damage. So far, AT&T has told us that they have made numerous improvements to the network including underground systems as part of their efforts to protect against atmospheric events.
15b. I plan to continue any SLIGP 2.0 program activities beyond the SLIGP 2.0 period of performance.	3-Neutral	What do you plan to accomplish after the period of performance?	Our office operates 100% with federal funds, and as is known, the funds detail the set of permitted activities. However, we are in the best position to help municipalities obtain FirstNet ready equipment included in the authorized equipment list under our Department of Homeland Security programs.

Statement	Agree/Disagree	Additional Questions	Response
15c. SLIGP 2.0 funds were helpful in informing my stakeholders about FirstNet.	5-Strongly Agree	What was most helpful? What challenges did you encounter?	SLIGP 2.0 funds helped to hold meetings and presentations, impacting all the municipalities of Puerto Rico and the main first responders agencies by providing knowledge to first responders about what are the benefits they have under the FirstNet network.

The biggest challenge we had was with the emergency managers, as they originally had difficulty in being classified as first responders when they requested the service in AT&T stores, but the situation was resolved, thanks to the conversations between our office and the main consultant of FirstNet in Puerto Rico and the Virgin Islands who was of great help throughout the orientation and education process to the first responders. |
| 15d. SLIGP 2.0 funds were helpful in maintaining a governance structure for broadband in my state/territory. | 4-Agree | What was most helpful? What challenges did you encounter? | Of approximately 250 meetings, multiple of them had state and municipal representation, and made up the structure that defined our decision-making in favor of first responders. From technological transitions, use of PTT, as well as the benefits of FirstNet as an alternative network to traditional means of communication. |

15e. SLIGP 2.0 funds provided resources that were helpful in preparing for FirstNet planning activities in my state/territory (e.g. staffing, attending broadband conferences, participating in training, procuring contract support etc.).	5-Strongly Agree	What was most helpful? What challenges did you encounter?	Hiring a Project Management and Data Collection contractor allowed us to reach every corner of Puerto Rico, and maintain close relationships with the first responders, address their concerns, channel their problems and be of great help to them.
15f. Overall, SLIGP 2.0 funds were helpful in preparing for FirstNet.	5-Strongly Agree	What was most helpful? What challenges did you encounter?	In general terms, everything that our office achieved was thanks to the funds obtained from SLIGP 2.0. Without them, activities related to education on FirstNet could not be carried out as our office operates 100% with Federal funds from SHSP, EMPG among others from DSH.

16. Certification: I certify to the best of my knowledge and belief that this report is correct and complete for performance of activities for the purpose(s) set forth in the award documents.		
16a. Typed or printed name and title of Authorized Certifying Official: Joel J. García Rodríguez, Technology Officer, SLIGP 2.0 AOR	16c. Telephone:	(787) 763-3424
16b. Signature of Authorized Certifying Official:	16d. Email Address:	jgarcia@oasp.pr.gov
	16e. Date:	6/29/2021

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