

FORM CD-450
(REV 10/98)

U.S. DEPARTMENT OF COMMERCE

X GRANT

COOPERATIVE AGREEMENT

FINANCIAL ASSISTANCE AWARD

ACCOUNTING CODE

** See Attached**

RECIPIENT NAME

Connecticut Dept. of Emergency Services and Public Protection

AWARD NUMBER

09-10-S13009

STREET ADDRESS

1111 Country Club Road

FEDERAL SHARE OF COST

\$1,406,257.00

CITY, STATE ZIP

Middletown, CT 06457

RECIPIENT SHARE OF COST

\$351,564.00

AWARD PERIOD

07/01/2013 - 06/30/2016

TOTAL ESTIMATED COST

\$1,757,821.00

AUTHORITY

P.L. 112-96

CFDA NO. AND PROJECT TITLE:

11.549 Connecticut's planning and outreach efforts regarding the Public Safety Broadband Network

This Award approved by the Grants Officer is issued in triplicate and constitutes an obligation of Federal funding. By signing the three documents, the Recipient agrees to comply with the Award provisions checked below and attached. Upon acceptance by the Recipient, two signed Award documents shall be returned to the Grants Officer and the third document shall be retained by the Recipient. If not signed and returned without modification by the Recipient within 30 days of receipt, the Grants Officer may unilaterally terminate this Award.

X Department of Commerce Financial Assistance Standard Terms and Conditions (January 2013)

X Special Award Conditions

X Line Item Budget

15 CFR Part 14, Uniform Administrative Requirements for Grants and Agreements with Institutions of Higher Education, Hospitals, Other Non-Profit, and Commercial Organizations

X 15 CFR Part 24, Uniform Administrative Requirements for Grants and Agreements to State and Local Governments

OMB Circular A-21, Cost Principles for Educational Institutions

X OMB Circular A-87, Cost Principles for State, Local, and Indian Tribal Governments

OMB Circular A-122, Cost Principles for Nonprofit Organizations

48 CFR Part 31, Contract Cost Principles and Procedures

X OMB Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations

X Other(s) \$703,129 of the total Federal share of cost has been reserved for Phase II, see SAC #6.

SIGNATURE OF DEPARTMENT OF COMMERCE GRANTS OFFICER

Jannet Cancino

TITLE

GRANT OFFICER

DATE

7/24/13

TYPED NAME AND SIGNATURE OF AUTHORIZED RECIPIENT OFFICIAL

Reuben F. Bradford

TITLE

Commissioner

DATE

8-1-13

Award Number: 09-10-S13009, Amendment Number 0

Federal Program Officer: Michael Dame

Requisition Number: S13009

Employer Identification Number: 066000798

Dun and Bradstreet Number: 171880859

Recipient ID:

Requestor ID:

Award ACCS Information

Bureau	FCFY	Project-Task	Organization	Object Class	Obligation Amount
61	2013	8150000-000	11-00-0000-00-00-00-00	41-19-00-00	\$1,406,257.00

Award Contact Information

Contact Type	Contact Name	Email	Phone
Administrative	Mr. Michael D Varney	michael.varney@ct.gov	8606858146
Technical	Mr. Michael D Varney	michael.varney@ct.gov	8606858146

NIST Grants Officer:

Jannet Cancino
100 Bureau Drive, MS 1650
Gaithersburg, MD 20899-1650
(301) 975-6544

NIST Grants Specialist:

Ebony Simmons
100 Bureau Drive, MS 1650
Gaithersburg, MD 20899-1650
(301) 975-4166

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 06/30/2014

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. SLIGP	11.549	\$ 0.00	\$ 0.00	\$ 1,406,257.00	\$ 351,564.00	\$ 1,757,821.00
2.		0.00	0.00			
3.						
4.						
5. Totals		\$	\$	\$ 1,406,257.00	\$ 351,564.00	\$ 1,757,821.00

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1) <div style="border: 1px solid black; height: 150px; margin-top: 5px;">SLIGP</div>	(2) <div style="border: 1px solid black; height: 150px; margin-top: 5px;"></div>	(3) <div style="border: 1px solid black; height: 150px; margin-top: 5px;"></div>	(4) <div style="border: 1px solid black; height: 150px; margin-top: 5px;"></div>	
a. Personnel	\$ <div style="border: 1px solid black; width: 100px; text-align: right;">185,099.00</div>	\$ <div style="border: 1px solid black; width: 100px; text-align: right;">0.00</div>	\$ <div style="border: 1px solid black; width: 100px;"></div>	\$ <div style="border: 1px solid black; width: 100px;"></div>	\$ <div style="border: 1px solid black; width: 100px; text-align: right;">185,099.00</div>
b. Fringe Benefits	<div style="border: 1px solid black; width: 100px; text-align: right;">133,272.00</div>	<div style="border: 1px solid black; width: 100px; text-align: right;">0.00</div>	<div style="border: 1px solid black; width: 100px;"></div>	<div style="border: 1px solid black; width: 100px;"></div>	<div style="border: 1px solid black; width: 100px; text-align: right;">133,272.00</div>
c. Travel	<div style="border: 1px solid black; width: 100px; text-align: right;">59,200.00</div>	<div style="border: 1px solid black; width: 100px; text-align: right;">0.00</div>	<div style="border: 1px solid black; width: 100px;"></div>	<div style="border: 1px solid black; width: 100px;"></div>	<div style="border: 1px solid black; width: 100px; text-align: right;">59,200.00</div>
d. Equipment	<div style="border: 1px solid black; width: 100px; text-align: right;">0.00</div>	<div style="border: 1px solid black; width: 100px; text-align: right;">0.00</div>	<div style="border: 1px solid black; width: 100px;"></div>	<div style="border: 1px solid black; width: 100px;"></div>	<div style="border: 1px solid black; width: 100px;"></div>
e. Supplies	<div style="border: 1px solid black; width: 100px; text-align: right;">7,300.00</div>	<div style="border: 1px solid black; width: 100px; text-align: right;">0.00</div>	<div style="border: 1px solid black; width: 100px;"></div>	<div style="border: 1px solid black; width: 100px;"></div>	<div style="border: 1px solid black; width: 100px; text-align: right;">7,300.00</div>
f. Contractual	<div style="border: 1px solid black; width: 100px; text-align: right;">1,336,157.00</div>	<div style="border: 1px solid black; width: 100px; text-align: right;">0.00</div>	<div style="border: 1px solid black; width: 100px;"></div>	<div style="border: 1px solid black; width: 100px;"></div>	<div style="border: 1px solid black; width: 100px; text-align: right;">1,336,157.00</div>
g. Construction	<div style="border: 1px solid black; width: 100px; text-align: right;">0.00</div>	<div style="border: 1px solid black; width: 100px; text-align: right;">0.00</div>	<div style="border: 1px solid black; width: 100px;"></div>	<div style="border: 1px solid black; width: 100px;"></div>	<div style="border: 1px solid black; width: 100px;"></div>
h. Other	<div style="border: 1px solid black; width: 100px; text-align: right;">36,793.00</div>	<div style="border: 1px solid black; width: 100px; text-align: right;">0.00</div>	<div style="border: 1px solid black; width: 100px;"></div>	<div style="border: 1px solid black; width: 100px;"></div>	<div style="border: 1px solid black; width: 100px; text-align: right;">36,793.00</div>
i. Total Direct Charges (sum of 6a-6h)	<div style="border: 1px solid black; width: 100px; text-align: right;">1,757,821.00</div>	<div style="border: 1px solid black; width: 100px; text-align: right;">0.00</div>	<div style="border: 1px solid black; width: 100px;"></div>	<div style="border: 1px solid black; width: 100px;"></div>	\$ <div style="border: 1px solid black; width: 100px; text-align: right;">1,757,821.00</div>
j. Indirect Charges	<div style="border: 1px solid black; width: 100px;"></div>	<div style="border: 1px solid black; width: 100px; text-align: right;">0.00</div>	<div style="border: 1px solid black; width: 100px;"></div>	<div style="border: 1px solid black; width: 100px;"></div>	\$ <div style="border: 1px solid black; width: 100px;"></div>
k. TOTALS (sum of 6i and 6j)	\$ <div style="border: 1px solid black; width: 100px; text-align: right;">1,757,821.00</div>	\$ <div style="border: 1px solid black; width: 100px; text-align: right;">0.00</div>	\$ <div style="border: 1px solid black; width: 100px;"></div>	\$ <div style="border: 1px solid black; width: 100px;"></div>	\$ <div style="border: 1px solid black; width: 100px; text-align: right;">1,757,821.00</div>
7. Program Income	\$ <div style="border: 1px solid black; width: 100px;"></div>	\$ <div style="border: 1px solid black; width: 100px;"></div>	\$ <div style="border: 1px solid black; width: 100px;"></div>	\$ <div style="border: 1px solid black; width: 100px;"></div>	\$ <div style="border: 1px solid black; width: 100px;"></div>

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SECTION C - NON-FEDERAL RESOURCES						
(a) Grant Program		(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS	
8.	SLIGP	\$	351,564.00	\$	351,564.00	
9.	N/A	0.00	0.00	0.00	0.00	
10.	N/A	0.00	0.00	0.00	0.00	
11.	N/A	0.00	0.00	0.00	0.00	
12. TOTAL (sum of lines 8-11)		\$	351,564.00	\$	351,564.00	
SECTION D - FORECASTED CASH NEEDS						
		Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13.	Federal	\$		0.00		
14.	Non-Federal	\$				
15. TOTAL (sum of lines 13 and 14)		\$		0.00		
SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT						
(a) Grant Program		FUTURE FUNDING PERIODS (YEARS)				
		(b) First	(c) Second	(d) Third	(e) Fourth	
16.		\$				
17.				0.00		
18.						
19.						
20. TOTAL (sum of lines 16 - 19)		\$				
SECTION F - OTHER BUDGET INFORMATION						
21. Direct Charges: 0.00		22. Indirect Charges: 0.00				
23. Remarks:						

Grant Award Number: 09-10-S13009

Recipient Organization: Connecticut Department of Emergency Services and Public Protection

**National Institute of Standards and Technology
State and Local Implementation Grant Program
Special Award Conditions**

1. The National Institute of Standards and Technology hereby enters into this Grant Agreement number 09-10-S13009 with Connecticut Department of Emergency Services and Public Protection to support the work described in the Recipient's proposal entitled Connecticut's planning and outreach efforts dated March 19, 2013 and revised June 14, 2013 which are hereby incorporated into this award by reference. Where the terms of this award and the proposal differ, the terms of this award shall prevail.

2. **The Recipient's Contact's name, title, address, and telephone number are:**

Mr. Michael Varney
Director of Administration
1111 Country Club Road
Middleton, CT 06457-2389
Phone: (860) 685-8146

3. **The Federal Program Officer's name, address, and telephone number are:**

Michael Dame
National Telecommunications and Information Administration
US Department of Commerce
1401 Constitution Ave., NW, Ste. 4897
Washington, DC 20230
Phone: (202) 482-1181; Fax: (202) 501-8009
Email: mdame@ntia.doc.gov

4. **The Grants Officer's name, address, and telephone number are:**

Jannet Cancino
National Institute of Standards and Technology
Grants and Agreements Management Division
Bldg. 411, Room B-100
100 Bureau Drive, Mail Stop 1650
Gaithersburg, Maryland 20899-1650
Phone: (301) 975-6544; Fax: (301) 926-6458
E-mail: jannet_cancino@nist.gov

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Recipient Organization: Connecticut Department of Emergency Services and Public Protection

5. The Grant Specialist's name, address, telephone and fax number and email address:

Ebony S. Simmons
National Institute of Standards and Technology
Grants and Agreements Management Division
Bldg. 411, Room B-100
100 Bureau Drive, Mail Stop 1650
Gaithersburg, Maryland 20899-1650
Phone: (301) 975-4166; Fax: (301) 840-5976
E-mail: ebony.simmons@nist.gov

6. Automated Standard Application for Payments System

Notwithstanding Section A.02 of the Department of Commerce (DOC) Financial Assistance Standard Terms and Conditions, dated January 2013:

- a. The advanced method of payment shall be authorized unless otherwise specified in a special award condition.
- b. Payments will be made through electronic funds transfers, using the Department of Treasury's Automated Standard Application for Payment (ASAP) system and in accordance with the requirements of the Debt Collection Improvement Act of 1996.
- c. The following information is required when making withdrawals for this award: (1) ASAP account identification (id) = award number found on the cover sheet of this award; (2) Agency Location Code (ALC) = 13060001; and (3) Region Code = 02. Recipients do not need to submit a "Request for Advance or Reimbursement" (SF-270) for payments relating to this award.
- d. All non-ASAP Recipient Organizations must enroll electronically. The ASAP system no longer accepts paper forms for enrollment. If you are not currently enrolled in the ASAP system you must provide the Federal Awarding Agency with a Point of Contact name, e-mail address, mailing address, telephone number, EIN and DUNS numbers of your organization in order for the Federal Awarding Agency Enrollment Initiator (EI) to begin the on-line enrollment.
- e. If you have questions on this requirement please contact the Grant Specialist responsible for this award. If you have questions on the electronic process step-by-step instructions you may contact your responsible Regional Finance Center.

Advances taken through the ASAP shall be limited to the minimum amounts necessary to meet immediate disbursement needs. Advanced funds not disbursed in a timely manner must be promptly returned, via an ASAP credit, to the account from which the advanced funding was withdrawn. Advances shall be for periods not to exceed 30 days.

Funds that have been withdrawn through ASAP may be returned to ASAP via the Automated Clearing House (ACH) or via FEDWIRE. The ACH or FEDWIRE transaction

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may only be performed by the Recipient's financial institution. Full or partial payments received by a Payment Requestor/Recipient Organization may be returned to ASAP. All funds returned to the ASAP system will be credited to the ASAP Suspense Account. The Suspense Account allows the Regional Financial Center to monitor returned funds and ensure that they are credited to the correct ASAP account. Returned funds that cannot be identified and classified to an ASAP account will not be accepted and will be returned to the originating depository financial institution (ODFI).

It is essential that the Payment Requestor/Recipient Organization provide its financial institution with ASAP account information (ALC, Recipient ID and Account ID) to which the returned funds are to be credited. Additional detailed information can be found at: <http://www.fms.treas.gov/asap/pay-return2.pdf>

There is a 10-day deadline for the head of the organization to initiate recipient enrollment upon receipt of ASAP registration notification. Failure to comply could subject the award to a change in the method of payment to reimbursement only.

This award has the following control or withdrawal limits set in ASAP:

Phase 2 Reserves \$703,129 (50 percent of federal funds) will be unavailable until either after FirstNet has consulted with the State-designated contact about the matters listed in the Act, including defining coverage needs, user requirements, and network hardening and resiliency requirements, and advises the National Telecommunications and Information Administration (NTIA) it is ready for the commencement of data collection or when NTIA requests a revised budget from recipients for second phase activities. Upon approval of the revised budget, the recipient will be eligible to engage in Phase 2 activities and access the Phase 2 Reserves. Engagement in Phase 2 activities with federal or non-federal funds will be considered unallowable under the grant until the revised budget has been approved and this special award condition has been lifted.

7. Baseline/Expenditure Plan

Within 30 calendar days of the Grants Officer signature in the Financial Assistance Award document (CD450) the Recipient shall submit to NTIA a Baseline/Expenditure Plan for the entire performance period. This plan provides NTIA insight into specific activities the Recipient will accomplish over the three-year award period. It identifies "Milestone Activity Categories" (e.g., stakeholder meetings, training sessions) that reflect the types of activities that Recipients will undertake. Recipients should provide short descriptions of their specific plans for relevant Milestone Activity Categories (e.g., hold quarterly governance meetings), identify the number of activities they plan to conduct in each quarter of the award period, and forecast federal and non-federal spending, by cost category, for each quarter of the award period.

8. Budget Revisions

Changes to the program budget from the final approved application will be considered on a case-by-case basis and should be made in accordance with the pre-approval requirements established in 15 C.F.R. § 24.30. When requesting approval for budget revisions, the recipient shall submit a Budget Information for Non-Construction Project form (SF-424A) and provide any supporting documentation requested by the Grants Office or Program Office for the purpose of understanding the proposed changes. Consistent with DOC Standard Terms and Conditions, budget revisions must receive pre-approval in writing from the Grants Office and Program Office for:

- a. Transfers of funds among direct cost categories (as listed in the SF-424A) when the cumulative amount of such direct costs transfers exceed 10 percent of the total federal and non-federal funds authorized
- b. Transfers of funds of any amount into a cost category that has \$0 in the current approved budget (Recipients are not authorized to create new budget categories within an approved budget unless the Grants Officer has provided prior approval)
- c. Transfers of funds of any amount into or out of the "Indirect" cost category.

9. Disallowed Costs

Funds awarded under the State and Local Implementation Grant Program (SLIGP) may not be used for activities related to site preparation, broadband deployment, installation, construction, or the acquisition of equipment used to provide wireless broadband services. Please note that ineligible costs with SLIGP federal funds are also ineligible to meet matching requirement. All expenses must be allowable, allocable, reasonable, and necessary to the SLIGP project.

10. Eligible Pre-Award Expenses

Reasonable proposal preparation costs and pre-award expenses, which include costs related to preparing an application and any pre-award costs for states and territories to participate in FirstNet technical assistance workshops where consultation activities occur, may be reimbursed, if they are incurred after the publication date of the Federal Funding Opportunity (FFO) notice and prior to the date of the issuance of the grant award from NTIA, except that lobbying costs and contingency fees are not reimbursable from SLIGP funds. Any expenses that will be claimed as pre-award expenses must be approved by the Grants Office.

11. Matching Funds:

Recipient shall provide, from non-federal sources, not less than 20 percent of the total project cost. Matching funds can be in the form of either cash or in-kind contributions

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consistent with 15 CFR § 24.3 and 24.24. The Recipient may be asked to provide supporting documentation upon request from the Grants Officer or NTIA.

As provided in 48 U.S.C. § 1469a, NTIA waives the requirement for local matching funds under \$200,000 (including in-kind contributions) for the territorial governments in Guam, American Samoa, and the U.S. Virgin Islands.

12. Indirect Costs

Reasonable indirect costs can be included if the recipient has a negotiated indirect cost rate agreement (NICRA) with the federal government (or will apply for a NICRA) and the costs are included as a line item in the applicant's budget. Indirect costs are overhead costs for basic operational functions that are incurred for common or joint objectives and cannot be identified specifically within a particular project. Indirect costs can be included in both the federal and non-federal cost shares, as long as the method of calculation is clear. The federal share of the indirect costs may not exceed 25 percent of the total direct costs for the project.

Recipients must have a NICRA with a cognizant federal agency at the time of award and documentation of the NICRA must be received by the Grants Office within 90 days of award. If such a rate does not exist, the recipient has 90 days from the award start date to submit an Indirect Cost Rate proposal to the funding bureau. The recipient shall provide the Grants Office with a copy of the transmittal letter or identify alternative sources of matching funds.

The complete address to send Indirect Cost Rate Proposal if NIST is identified as the cognizant agent is: National Institute of Standards and Technology at 100 Bureau Drive, Gaithersburg, MD 20899 M.S. 1650, attn.: IDC Proposal Review Team.

13. Indirect Costs Used as Cost Share

Recipients who have indirect costs approved by a NICRA that exceed 25 percent of the federal share may apply those remaining approved indirect costs towards the non-federal matching requirement.

14. Remittance of Interest Earned on Advances

Recipients shall remit any interest earned on federal advances of funds in accordance with the requirements of 15 CFR 24.21.

The complete address for remitting checks for interest earned on federal advances is Department of Health and Human Services, Payment Management System, and P.O. Box 6021, Rockville, MD 20852.

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Recipients that do not have electronic remittance capability should send a check to this address. In keeping with Electronic Funds Transfer rules (31 USC part 206), interest should be remitted to the Department of Health and Human Services (HHS) Payment Management System through an electronic medium such as the FEDWIR Deposit System. Electronic remittances should be in the format and should include any data that are specified by the HHS as being necessary to facilitate direct deposit in HHS' account at the Department of Treasury.

15. Match Proportionality Requirement

Pursuant to Section A.03 of the DOC Standard Terms and Conditions, the non-federal share, whether in cash or in-kind, is expected to be paid out at the same general rate as the federal share. Exceptions to this requirement may be granted by the Grants Officer based on sufficient documentation demonstrating previously determined plans for, or later commitment of, cash or in-kind contributions. In any case, the recipient must meet its cost share commitment over the life of the award.

16. Post-Award Reporting Requirements

During the period of performance, the recipient shall submit performance progress and financial reports on a calendar year quarterly basis for the period ending March 31, June 30, September 30, and December 31, or any portions thereof. All reports should be submitted electronically, unless otherwise directed by the Grant Office or Program Office.

Performance Progress Report

The quarterly performance progress reports should contain the following information: (a) a comparison of actual accomplishments during the reporting period with the goals and dates established in the Baseline/Expenditure Plan for the reporting period; (b) a description of any problems that have arisen or the reasons why established goals have not been met; and (c) actions taken to remedy any failures to meet goals. The performance progress report is due 30 calendar days following the end of each calendar quarter. A report must be submitted for each calendar quarter that the grant is active, including partial calendar quarters or when no programmatic activity occurs.

Federal Financial Report

Each quarter, Recipients must report on obligations and expenditures using the Federal Financial Report (SF-425). The report is due 30 calendar days following the end of each calendar quarter. A report must be submitted for each calendar quarter that the grant is active, including partial calendar quarters or when no financial activity occurs.

Closeout Report

At project completion, SLIGP grantees must also provide a closeout report. This report is due 90 days following the award end date.

17. Publication Disclaimers

Pursuant to Section M.011 of the DOC Standard Terms and Conditions, the recipient is required to submit a copy(ies) to the funding agency and when releasing information related to a funded project include a statement that the project or effort undertaken was or is sponsored by DOC. The recipient is also responsible for assuring that every publication of material (including Internet sites) based on or developed under an award, except scientific articles or papers appearing in scientific, technical or professional journals, contains the following disclaimer

This [report/video/etc.] was prepared by [recipient name] using funds under award [number] from the National Telecommunications and Information Administration (NTIA), U.S. Department of Commerce (DOC). The statements, findings, conclusions, and recommendations are those of the author(s) and do not necessarily reflect the views of the NTIA, DOC, or FirstNet.

This also applies to videos produced under DOC financial assistance awards.

18. Requirements from the SLIGP FFO Notice

The Recipient shall comply with the requirements found in The State and Local Implementation Grant Program FFO notice (2013-NTIA-SLIGP-01) under which NTIA announced grants authorized by Section 6302 of the Middle Class Tax Relief and Job Creation Act of 2012, to assist state, regional, local, and tribal governments with planning for a nationwide interoperable public safety broadband network.

19. Requirements to Change Key Personnel

Pursuant to 15 CFR 24.30(d)(3), recipient must obtain prior approval for programmatic changes regarding key persons. For the purposes of the award, Key persons include the Authorized Organizational Representative and Single Point of Contact (as designated by the Governor or the Governor's designee). The recipient shall request approval to change the individual serving in either of these positions and provide supporting documentation justifying the changes as requested by the Grants Office or Program Office.

20. Supplanting Grant

The Recipient agrees that federal funds under this award will be used to supplement, but not supplant, state or local funds for the same purpose.