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FORM CD-451 (REV 10/98)	U.S. DEPARTMENT OF COMMERCE  <b>AMENDMENT TO          FINANCIAL ASSISTANCE AWARD</b>	<input checked="" type="checkbox"/> GRANT <input type="checkbox"/> COOPERATIVE AGREEMENT
		<b>ACCOUNTING CODE</b> **See Attached**
		<b>AWARD NUMBER</b> 06-50-M09001

<b>RECIPIENT NAME</b> CA Public Utilities Commission	<b>AMENDMENT NUMBER</b> 8
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<b>STREET ADDRESS</b> 505 Van Ness Avenue	<b>EFFECTIVE DATE</b> SEP 28 2010
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<b>CITY, STATE ZIP</b> San Francisco, CA 94102	<b>EXTEND WORK COMPLETION TO</b> September 30, 2014
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**CFDA NO. AND PROJECT TITLE:**  
 11.558 American Recovery and Reinvestment Act - SBDD-CA Public Utilities Commission

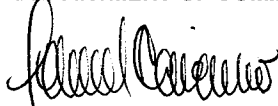
COSTS ARE REVISED AS FOLLOWS:	PREVIOUS ESTIMATED COST	ADD	DEDUCT	TOTAL ESTIMATED COST
FEDERAL SHARE OF COST	\$2,343,760.00	\$5,637,544.00	\$0.00	\$7,981,304.00
RECIPIENT SHARE OF COST	\$585,940.00	\$1,417,110.00	\$0.00	\$2,003,050.00
<b>TOTAL ESTIMATED COST</b>	\$2,929,700.00	\$7,054,654.00	\$0.00	\$9,984,354.00

**REASON(S) FOR AMENDMENT**  
 This Grant is hereby amended to provide additional Federal funding in the amount of \$5,637,544.00 to complete a project to map broadband availability for five (5) years and engage in broadband planning activities for five(5) years for the state of California, pursuant to the American Recovery and Reinvestment Act of 2009 and the Broadband Data Improvement Act. Awards made pursuant to the State Broadband Data and Development Grant Program are available only to the single eligible entity designated by each State. Revise SAC #3 Federal Program Officer contact information.

ALL PREVIOUS TERMS AND CONDITIONS REMAIN IN EFFECT.

**This Amendment 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 Amendment provisions checked below and attached, as well as previous provisions incorporated into the Award. Upon acceptance by the Recipient, two signed Amendment 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 Amendment.**

Special Award Conditions  
 Line Item Budget  
 Other:

<b>SIGNATURE OF DEPARTMENT OF COMMERCE GRANTS OFFICER</b> Joyce Brigham 	<b>DATE</b> SEP 27 2010
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<b>TYPED NAME, TYPED TITLE, AND SIGNATURE OF AUTHORIZED RECIPIENT OFFICIAL</b> Paul Clanon, Executive Director 	<b>DATE</b> 10-11-10
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Award Number: 06-50-M09001, Amendment Number 8  
Federal Program Officer: Andrew MacRae  
Requisition Number: M09001A  
Employer Identification Number: 943031353  
Dun & Bradstreet No: 947393922  
Recipient ID: 0626152  
Requestor ID: 0626152  
Treasury Account Symbol (TAS): 0554

**Award ACCS Information**

Line	FY	Project Code	Obj Code	Obj Desc	Obligation Amount
61	2010	4805011-300	06-10-0000-00-00-00	41-19-00-00	\$5,637,544.00

**Award Contact Information**

Contact Name	Contact Type	Email	Phone
Mr. Robert Haga	Administrative	rwh@cpuc.ca.gov	415 703-2538

**NIST Grants Officer:**

Joyce Brigham  
100 Bureau Drive, MS 1650  
Gaithersburg, MD 20899-1650  
(301) 975 - 6329

**NIST Grants Specialist:**

Sandra Bearden  
100 Bureau Drive, MS 1650  
Gaithersburg, MD 20899-1650  
(301) 975 - 6646

**AMERICAN RECOVERY AND REINVESTMENT ACT  
STATE BROADBAND DATA AND DEVELOPMENT GRANT PROGRAM  
SPECIAL AWARD CONDITIONS  
CALIFORNIA PUBLIC UTILITIES COMMISSION  
06-50-M09001**

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

Andrew MacRae  
National Telecommunications and Information Administration  
US Department of Commerce  
1401 Constitution Ave., NW, Ste. 4897  
Washington, DC 20230  
Phone: (202) 482-5174; Fax: (202) 501 0536  
Email: Amacrae@ntia.doc.gov

6. Funding Clause

This amendment provides \$ 5,637,544.00 in additional Federal funds for the continued funding of this multi-year award for a total of \$ 7,981,304.00, for the Recipient's implementation of the State Broadband Data and Development Program activities described in the Recipient's application and proposal dated July 1, 2010. The overall award period for this action will extend from October 1, 2009 through September 30, 2014. The Department of Commerce is not liable for any obligations, expenditures, or commitments which involve any amount in excess of the Federal amount presently available.

18. The Recipient shall be required to adhere to guidelines issued by NTIA regarding state broadband maps, associated content and websites or other publicly distributed materials, and provide notifications to NTIA before making substantial changes to any of the above materials.
19. In the event that program objectives in regard to data collection can no longer be achieved, the recipient may be allowed to modify its project proposal or terminate the project.
20. The Recipient has agreed to utilize a methodology that has been reviewed by external subject matter experts for the purpose of calculating households served by broadband within a given geography, and, where appropriate, to use the related questions found in the American Community Survey conducted by the Bureau of the Census.
21. Federal fund in excess of \$50,000 will not be released for all projects approved under this Amendment until NTIA has reviewed and approved a revised and detailed project plan, timeline and cost estimates, Awardees must submit these items within 120 days from the date of this Amendment, but may do so earlier. Revised budgets for data collection and related activities must include no more than a ten percent of the total five-year mapping

budget costs as a line-item to support the implementation of future, and currently unidentified, leading practices. Federal funds for this line item will not be released until NTIA has reviewed and approved the use of the funds. Notwithstanding the above, federal funds for all contracts expected to be in excess of \$100,000 will not be released until the Scope of Work, cost estimates and contractor qualifications are reviewed and approved by NTIA. Additionally, Awardee must provide to NTIA for review and approval job descriptions for new employees expected to be paid \$100,000 per year or more before Federal funding supporting these positions is released.

22. The awarding agency has the right to: 1) obtain, reproduce, publish or otherwise use data first produced under an award; and 2) authorize others to received reproduce, publish or otherwise use such data for federal purposes. (Before authorizing others to use the material, a determination must be made that the use for a federal purpose) except as otherwise specifically provided under an award, authors may copyright any work that is subject to copyright and was developed under an award. When claim is made to copyright, the applicable copyright notice of 17 U.S.C. 401 or 402 and acknowledgment of Federal government, is published, or is deposited for registration as a published work in the U.S. Copyright office. The copyright owner shall grant to the Federal government, and others acting on its behalf, a paid up, nonexclusive, irrevocable, worldwide license for all such works to reproduce, publish, or otherwise use the work of Federal government purposes. See 15 CFR 14.36, 24.34.
23. Awardees also receiving Broadband Technology Opportunities Program (BTOP) awards shall not utilize funds BTOP and SBDD funds for the identical activity.

**BUDGET INFORMATION - Non-Construction Programs**

OMB Approval No. 0348-0044

**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. SBDD	11.558	\$	\$	\$ 5,637,544.00	\$ 1,417,110.00	\$ 7,054,654.00
2.						0.00
3.						0.00
4.						0.00
5. Totals		\$ 0.00	\$ 0.00	\$ 5,637,544.00	\$ 1,417,110.00	\$ 7,054,654.00

**SECTION B - BUDGET CATEGORIES**

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1)	(2)	(3)		
a. Personnel	\$ 1,991,818.00	\$ 792,576.00	\$	\$	\$ 2,784,394.00
b. Fringe Benefits	552,274.00	261,545.00			813,819.00
c. Travel	177,250.00				177,250.00
d. Equipment	1,615,198.00				1,615,198.00
e. Supplies	9,656.00				9,656.00
f. Contractual	972,927.00	50,000.00			1,022,927.00
g. Construction					0.00
h. Other	154,220.00	312,989.00			467,209.00
i. Total Direct Charges (sum of 6a-6h)	5,473,343.00	1,417,110.00	0.00	0.00	6,890,453.00
j. Indirect Charges	164,201.00				164,201.00
k. TOTALS (sum of 6i and 6j)	\$ 5,637,544.00	\$ 1,417,110.00	\$ 0.00	\$ 0.00	\$ 7,054,654.00
7. Program Income	\$	\$	\$	\$	\$ 0.00

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SECTION C - NON-FEDERAL RESOURCES					
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS	
8.	\$ 1,697,318.00	\$	\$	\$ 1,697,318.00	
9.				0.00	
10.				0.00	
11.				0.00	
12. TOTAL (sum of lines 8-11)	\$ 1,697,318.00	\$ 0.00	\$ 0.00	\$ 1,697,318.00	
SECTION D - FORECASTED CASH NEEDS					
13. Federal	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
	\$ 0.00	\$	\$	\$	\$
14. Non-Federal	0.00				
15. TOTAL (sum of lines 13 and 14)	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 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.					
18.					
19.					
20. TOTAL (sum of lines 16-19)	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	
SECTION F - OTHER BUDGET INFORMATION					
21. Direct Charges: 6890453		22. Indirect Charges: 164201			
23. Remarks:					

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