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FORM CD-451 **X GRANT** COOPERATIVE AGREEMENT U.S. DEPARTMENT OF COMMERCE (REV 10/98) **ACCOUNTING CODE** **See Attached** **AMENDMENT TO** FINANCIAL ASSISTANCE AWARD AWARD NUMBER 21-50-M09061 RECIPIENT NAME AMENDMENT NUMBER Commonwealth of Kentucky **EFFECTIVE DATE** STREET ADDRESS SEP 2 8 2010 700 Capitol Avenue CITY, STATE ZIP **EXTEND WORK COMPLETION TO** Frankfort, KY 40601-3410 December 31, 2014

CFDA NO. AND PROJECT TITLE:

11.558 American Recovery and Reinvestment Act-SBDD-Commonwealth of Kentucky, Office of Technology

COSTS ARE REVISED AS FOLLOWS:	PREVIOUS ESTIMATED COST	ADD	DEDUCT	TOTAL ESTIMATED COST		
FEDERAL SHARE OF COST	\$2,089,000.00	\$3,213,717.00	\$0.00	\$5,302,717.00		
RECIPIENT SHARE OF COST	\$522,254.00	\$803,934.00	\$0.00	\$1,326,188.00		
TOTAL ESTIMATED COST	\$2,611,254.00	\$4,017,651.00	\$0.00	\$6,628,905.00		

REASON(S) FOR AMENDMENT

This Grant is hereby amended to provide additional Federal funding in the amount of \$3,213,717.00 to complete a project to map broadband availability and engage in broadband planning activities for five (5) years for the state of Kentucky, 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.

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.

- X Special Award Conditions
- X Line Item Budget

Other:

	SIGNATURE OF DEPARTMENT OF COMMERCE GRANTS OFFICER	DATE
(Joyce Brigham AMMAMAM	SEP 2 7 2010
	TYPED NAME, TYPED TITLE, AND SIGNATURE OF AUTHORIZED RECIPIENT OFFICIAL	DATE
	Deputy Secretary, Finance + Admin. Cabinet C10, Com monwealth of Kenticky Li H. Flanery Li H. Flanery	10/22/2010

Award Number: 21-50-M09061, Amendment Number 2

Federal Program Officer: Phillip English

Requisition Number: M09061A

Employer Identification Number: 610600439

Dun & Bradstreet No: 007002959

Recipient ID: 2112043 Requestor ID: 2112043

Treasury Account Symbol (TAS): 0554

Award ACCS Information

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61	2010	4805011-300	06-10-0000-00-00-00-00	41-19-00-00	\$3,213,717.00

Award Contact Information

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Phil Baughn	Administrative	phil.baughn@ky.gov	(502) 564-6840

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 COMMONWEATLH OF KENTUCKY 21-50-M09061

6. Funding Clause

This amendment provides \$3,213,717.00 in additional Federal funds for the continued funding of this multi-year award for a total of \$5,302,717.00, 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 and revision August 12, 2010. The overall award period for this action will extend from January 1, 2010 through December 31, 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.

	Street Control of Control of Control		SECT	ION	ION - NON-CONS	IMAI	cuon Programs	>		EGENETIAN	Approval No. 0348-0044
Function	Catalog of Federal Domestic Assistance	SECTION A BUDGET SUMM Estimated Unobligated Funds			New or Revised Budge						
or Activity (a)	Number (b)		Federal (c)		Non-Federal (d)		Federal (e)		Non-Federal (f)		Total (g)
1.SBDD	11.558	\$		\$		\$	3,213,717.00	\$	803,934.00	\$	4,017,651.00
2.		ļ		ļ							0.00
3.			-								0.00
4.		6									0.00
5. Totals		\$	0.00	\$	0.00	\$	3,213,717.00	\$	803,934.00	\$	4,017,651.00
			SECILIC								
6. Object Class Categori	ies	(1)		(2)	GRANT PROGRAM, FU	(3)	ION OR ACTIVITY		· · · · · · · · · · · · · · · · · · ·		Total (5)
a. Personnel		\$	1,391,517.00	\$	606,000.00	\$		\$		\$	1,997,517.00
b. Fringe Benefits	8				64,620.00						64,620.00
c. Travel	<u> </u>		42,000.00		6,000.00						48,000.00
d. Equipment											0.00
e. Supplies					16,956.00						16,956.00
f. Contractual			1,764,200.00								1,764,200.00
g. Construction											0.00
h. Other			16,000.00		110,358.00				* * * * * * * * * * * * * * * * * * * *		126,358.00
i. Total Direct Cha	arges (sum of 6a-6h)		3,213,717.00		803,934.00		0.00		0.00		4,017,651.00
j. Indirect Charge	s							_			0.00
k. TOTALS (sum	or or and oj)	\$	3,213,717.00	\$	803,934.00	\$	0.00	\$	0.00	\$	4,017,651.00
7. Program Income		\$		\$		\$		\$		\$	0.00

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Standard Form 424A (Rev. 7-97) Prescribed by OMB Circular A-102

(a) Count Do	SECTIO	NX	<u>CENONHEDERALERE</u>	SOURCES.				nesses de l'Espain	
(a) Grant Program		(b) Applicant	(c) Sta	te	(d) Other Sources		(e) TOTALS		
8. \$		\$ 803,934.00	\$		\$	\$	803,934.00		
9.								0.00	
10.								0.00	
11.							 	0.00	
12. TOTAL (sum of lines 8-11)		,	\$ 803,934.00	\$	0.00	\$ 0.00	\$	803,934.00	
KANSEST CINECUS SECTION STATES	* SECTIO) N I	D-FORECASTED CA	SH NEEDS					
10.5.1	Total for 1st Year	100	1st Quarter	2nd Qua	rter	3rd Quarter	1,50,60,50,0	4th Quarter	
13. Federal	\$ 0.0	00	\$	\$		\$	\$		
14. Non-Federal	0.0	00							
15. TOTAL (sum of lines 13 and 14)	\$ 0.0	00	\$ 0.00	\$	0.00	\$ 0.00	\$	0.00	
SECTION E: BUI	OGERESTIMATES O	E.F.	ederal fundsinee	DED FOR BA	LANCE (् शहकां इन्स्राह्मका			
(a) Grant Program			FUTURE FUNDING PERIODS (Years)						
10		+	(b) First	(c) Seco	ond .	(d) Third	┼	(e) Fourth	
16.		;	\$ 	\$		\$	\$		
17.						:			
18.									
19.									
20. TOTAL (sum of lines 16-19)			\$ 0.00	\$	0.00	\$ 0.00	\$	0.00	
	SECTION	JF.	OFFICE BUDGERINE	ORMATION					
1. Direct Charges: 22. Indirect Charges: 4017651									
23. Remarks:			·						