FORM CD-451	U.S. DEPARTMENT OF COMMERCE	X GRANT	COOPERATIVE AGREEMENT		
(REV 10/98)		ACCOUNTING CODE			
	AMENDMENT TO	**See Attached**			
FINAN	ICIAL ASSISTANCE AWARD	AWARD NUMBER			
	IOIAE AGGIOTAITGE ATTAINS	27-42-B10003			
RECIPIENT NAME		AMENDMENT	NUMBER		
Regents of the Universi	ty of Minnesota	6	·		
STREET ADDRESS		EFFECTIVE DATE			
200 Oak St., SE 450 M	cNamara Alumni Center				
CITY, STATE ZIP		EXTEND WOR	K COMPLETION TO		

CFDA NO. AND PROJECT TITLE:

Minneapolis, MN 55455-2009

11,557 American Recovery and Reinvestment Act - PCC - Broadband Access Project

COSTS ARE REVISED AS FOLLOWS:	PREVIOUS ESTIMATED COST	ADD	DEDUCT	TOTAL ESTIMATED COST
FEDERAL SHARE OF COST	\$2,862,333.00	\$0.00	\$0.00	\$2,862,333.00
RECIPIENT SHARE OF COST	\$740,687.00	\$0.00	\$0.00	\$740,687.00
TOTAL ESTIMATED COST	\$3,603,020.00	\$0.00	\$0.00	\$3,603,020,00

December 31, 2012

REASON(S) FOR AMENDMENT

This grant is hereby amended to acknowledge receipt of the approved revised SF-424A budget on Award Action Request (AAR) dated 9/14/12; and to revise SAC No. 4 - Grant Officer's Contact information.

ALL PREVIOUS TERMS & 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.

A Opcolal Attala Options	ΧS	Special Awar	rd Cond	itions
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X Line Item Budget

Other:

SIGNATURE OF DERARTMENT OF COMMERCE GRANTS OFFICER	DATE
Jannet Cancino	10/15/12
TYPED NAME, TYPED TITLE, AND SIGNATURE OF AUTHORIZED RECIPIENT OFFICIAL	DATE .
Kevin McKoskey Senior Associate Director Sponsored Projects Administratio	10/16/10

Award Number: 27-42-B10003, Amendment Number 6

Federal Program Officer: Emy Tseng

Requisition Number: 1158

Employer Identification Number: 416007513

Dun & Bradstreet No: 55-591-7996

Recipient ID: 2795491 Requestor ID: 2795491

Treasury Account Symbol (TAS): 0554

Award ACCS Information

Bureau Code	FCFY	Project-Task	Org Code	Obj Class	Obligation Amount
61	2010	4803011-300	06-10-0000-00-00-00-00	41-19-00-00	. \$0.00

Award Contact Information

Contact Name	Contact Type	Email	Phone
Mr. Kevin J McKoskey	Administrative	awards@umn.edu	612-624-5599
Dr. Heidi L Barajas	Technical	hbarajas@umn.edu	612-625-4823

NIST Grants Officer:

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

NIST Grants Specialist:

Jacqueline Roberts 100 Bureau Drive, MS 1650 Gaithersburg, MD 20899-1650 (301) 975-2005

Budget Information — Non-Construction Programs

27-42-310003 AAR on 9-14-12 OMB Approval No. 0348-0044

Section A - Budget Summary Grant Program Catalog of Federal		Estimated Unc	biligated Funds		New or Revised Budget				
Function or Activity (a)	Domestic Assistance Number (b)	Federal Non-Federal (c) (d)		Federal (e)		Non-Federal (f) .		Total (g)	
Broadband (BTOP)	11.557	\$	\$	\$	2,862,333	\$	740,687.	\$	3,603,020
2.		÷.							
3.	· · · · · · · · · · · · · · · · · · ·				-				
4	,								
5. Totals		\$	\$	\$	2,862,333	\$	740,687	\$	3,603,020
Section B - Budget Categories									Total
6. Object Class Categories		(1) BTOP-Federal	Grant Program, F (2) BTOP-NonFederal		Activity	(4)			(5)
a. Personnel		\$ 1,248,048			A 1949 - A - A - A - A - A - A - A - A - A -	\$		\$	1,632,41
b, Fringe Benefits		407,470	130,180						537,650
c. Travel		20,307	. 0						20,30
d. Equipment		0	0	Market Market				The state of the s	
e. Supplies		247,360	35,295						282,65
f. Contractual		13,439	. 0						13,43
g. Construction		0	0						
h. Other		283,027	26,100					ALL LANDS OF THE PROPERTY OF T	309,12
i. Total Direct Charges (sum of	'6a-6h)	2,219,651	575,939						2,795,59
j. Indirect Charges		642,682	164,748						807,43
k. Totals (sum of 6i and 6j)		2,862,333	740,687						3,603,02
								\$	
7. Program Income		** 0	\$ 0	\$		\$		Þ	

Page 1 of 4
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SF-424A (Rev. 4-92) Prescribed by OMB Circular A-102

Section C - Non-Federal Resources (a) Grant Program			(b) Applicant		(c) State		(d) Other Sources		(e) Totals
8. Broadband Technology Opportunity Program 11.557		\$	679,587	\$. 0	\$	61,100	\$	740,687
9.							and 1		
10.							NO MAINTEN	-	grap single - 1 distribution
11.	-		,		:				
12. Total (sum of lines 8 - 11)		\$	679,587	\$	0	.\$	61,100	\$	740,687
Section D - Forcasted Cash Needs						\$-50°			
	Total for 1st Year		1st Quarter		2nd Quarter		3rd Quarter		4th Quarter
13. Federal	\$ 807,344	\$	22,813	\$	160,183	\$	395,411	\$	228,937
14. Noл-Federal	205,530		39,446		36,481		66,049		63,554
15. Total (sum of lines 13 and 14)	\$ 1,012,874	\$	62,259	\$	196,664	\$	461,460	\$	292,491
Section E - Budget Estimates of Federal Funds Needed for Balar	ice of the Project	100 mg 200 m 100 mg 200 mg							
				,	Future Funding	Perio			
(a) Grant Program		.,.	(b) First		(c) Second		(d) Third		(e) Fourth
16. Broadband Technology Opportunity Program 11.557		\$	807,344	\$	837,574	\$	1,1217,415	\$	0
17.	-								
18.									
19.					-		·		
20. Total (sum of lines 16-19)	-	\$		\$	-	s		\$	-
Section F - Other Budget Information		<u> </u>		1757	y ev tot në Gybre evitor. Në provinse kulture evitor			ef a lit	
21. Direct Charges 2,219,651		22.	Indirect Charges		642,682				

23, Remarks

MTDC = TDC less amount >\$25,000 of subcontract costs; graduate fringe costs

AMERICAN RECOVERY AND REINVESTMENT ACT BROADBAND TECHNOLOGY OPPORTUNITIES PROGRAM SPECIAL AWARD CONDITIONS 27-42-B10003

4. The Grant 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) 840-5976

E-mail: jannet.cancino@nist.gov