

Ex/PR

112710/9190 file

FORM CD-450 (REV 10/98)		U.S. DEPARTMENT OF COMMERCE		X GRANT	COOPERATIVE AGREEMENT
FINANCIAL ASSISTANCE AWARD				ACCOUNTING CODE	
				** See Attached**	
RECIPIENT NAME MICHIGAN STATE UNIVERSITY			AWARD NUMBER 26-43-B10592		
STREET ADDRESS 301 ADMINISTRATION BLDG			FEDERAL SHARE OF COST \$5,215,507.00		
CITY, STATE ZIP EAST LANSING, MI 48824-1046			RECIPIENT SHARE OF COST \$1,397,858.00		
AWARD PERIOD 09/30/2010 - 09/29/2013			TOTAL ESTIMATED COST \$6,613,365.00		
AUTHORITY P.L. 111-5, Section 6001					
CFDA NO. AND PROJECT TITLE: 11.557 11.557 American Recovery and Reinvestment Act - SBA - The Broadband Adoption through Education and E-Entrepreneurship in Michigan's Urban Cores					
<p>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.</p>					
<input checked="" type="checkbox"/> Department of Commerce Financial Assistance Standard Terms and Conditions (March 2008) <input checked="" type="checkbox"/> Special Award Conditions <input checked="" type="checkbox"/> Line Item Budget <input checked="" type="checkbox"/> 15 CFR Part 14, Uniform Administrative Requirements for Grants and Agreements with Institutions of Higher Education, Hospitals, Other Non-Profit, and Commercial Organizations <input type="checkbox"/> 15 CFR Part 24, Uniform Administrative Requirements for Grants and Agreements to State and Local Governments <input checked="" type="checkbox"/> OMB Circular A-21, Cost Principles for Educational Institutions <input type="checkbox"/> OMB Circular A-87, Cost Principles for State, Local, and Indian Tribal Governments <input type="checkbox"/> OMB Circular A-122, Cost Principles for Nonprofit Organizations <input type="checkbox"/> 48 CFR Part 31, Contract Cost Principles and Procedures <input checked="" type="checkbox"/> OMB Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations <input checked="" type="checkbox"/> Other(s) * DoC American Recovery and Reinvestment Act Award Terms attached."					
SIGNATURE OF DEPARTMENT OF COMMERCE GRANTS OFFICER			TITLE		DATE
Joyce Brigham <i>Joyce F. Brigham</i>			GRANT OFFICER		9/27/10
TYPED NAME AND SIGNATURE OF AUTHORIZED RECIPIENT OFFICIAL			TITLE		DATE
<i>Craig O'Neill</i>			Craig O'Neill, Manager Office of Sponsored Projects Michigan State University		10-13-10

Award Number: 26-43-B10592, Amendment Number 0

Federal Program Officer: Timothy Kelly

Requisition Number: 6548

Employer Identification Number: 386005984

Dun and Bradstreet Number: 19-32-47145

Recipient ID:

Requestor ID:

Treasury Account Symbol (TAS): 0554

Award ACCS Information

Bureau	FGEX	Project/Task	Organization	Object Class	Obigation Amount
61	2010	4804011-300	06-10-0000-00-00-00-00	41-19-00-00	\$5,215,507.00

Award Contact Information *

Contact Type	Contact Name	Email	Phone
Administrative - AOR	Mr. Craig E O'Neill	usda@cga.msu.edu	517-355-5040

Technical Contact Kurt DeHaagd kedeHaagd@msu.edu 517-355-4714

NIST Grants Officer:

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

NIST Grants Specialist:

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

* Post-award Award Reporting Information:

Contact Type	Contact name	Email	Phone
Administrative	Evonne Pedawi	pedawi@cga.msu.edu	517-355-5040 x272

- ASAP Draws and Recovery Act reporting:

Contact name: Mustafa Khawaja
Email: cashmanagement@cga.msu.edu
Phone: 517-355-5040 x287

**AMERICAN RECOVERY AND REINVESTMENT ACT
BROADBAND TECHNOLOGY OPPORTUNITIES PROGRAM
SPECIAL AWARD CONDITIONS**

1. This award number 26-43-B10592, to Michigan State University supports the work describes in the Recipient's proposal entitled: "The Broadband Adoption through Education and E-Entrepreneurship in Michigan's Urban Cores" on March 15, 2010 and revision dated August 12, 2010, which are incorporated into the award by reference. Where the terms of the award and proposal differ, the terms of the award shall prevail.

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

Craig E. O'Neill
Manager
Office of Sponsored Projects
301 Administration Building
East Lansing, Michigan 48824-1046
Phone: 517-355-5040 ext. 275
E-mail: usda@cga.msu.edu

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

Timothy Kelly
National Telecommunications and Information Administration
US Department of Commerce
1401 Constitution Ave., NW
Washington, DC 20230
Phone: (202) 482-4674; Fax: (202) 501-8009
E-mail: TKelly@ntia.doc.gov

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

Joyce F. Brigham
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) 975-6329; Fax: (301) 926-6458
E-mail: joyce.brigham@nist.gov

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

Jacqueline Roberts
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) 975-2005; Fax: (301) 840-5976
E-mail: jacqueline.roberts@nist.gov

6. **Automated Standard Application for Payments system (ASAP):**

Notwithstanding Section A.02 of the DoC Financial Assistance Standard Terms and Conditions, dated March 2008:

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. **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. **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. 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.

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

- None
 Agency Review required for all withdrawals (see explanation below)
 Agency review required for all withdrawal requests over
\$ _____ (see explanation below)
 Maximum Draw Amount controls (see explanation below)
\$ _____ each month
\$ _____ each quarter
\$ _____ each year

- d. 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 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.

7. Interest-Bearing Account

This award is subject to 15 CFR 14.22 requiring recipients of Federal financial assistance to maintain advances of Federal funds in interest bearing accounts. Interest earned on Federal advances deposited in such accounts (with the exception of \$250 per year, which may be retained for administrative expenses) shall be remitted promptly.

The complete address for remitting checks for interest earned on Federal advances is Department of Health and Human Services, Payment Management System, P.O. Box 6021, Rockville, MD 20852. 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 HHS Payment Management System through an electronic medium such as the FEDWIRE 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.

8. Guidelines for Matching Funds:

Recipient will 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 consistent with the 15 CFR 14.23, 24.3 and 24.24 as applicable. The recipient may be asked to provide supporting documentation upon request from the Grants Officer or NTIA.

9. Department of Commerce Pre-Award Notification Requirements for Grants and Cooperative Agreements

The Department of Commerce Pre-Award Notification Requirements for Grants and Cooperative Agreements contained in 73 Fed. Reg.7696 (February 11, 2008) apply to this award.

10. Incorporation of Requirements from the Notice of Funding Availability (NOFA):

The recipient shall comply with the requirements found in the Department of Commerce, National Telecommunications and Information Administration Broadband Technology Opportunities Program, 75 FR 3792, January 22, 2010.

(http://www.ntia.doc.gov/frnotices/2010/FR_BTOPNOFA_100115.pdf)

11. Whistleblower Protection Act Requirements

The Recipient shall comply with the Whistleblower Protection requirements of the American Recovery and Reinvestment Act (Recovery Act), Section 553 of Division A, Title XV, Public Law 111-5 which provides protection for employees of non-federal employers including employees of state and local governments, contractors, subcontractors, recipients, and any other non-federal employers receiving Recovery Act fund recipients, making specified disclosures relating to possible fraud, waste, or abuse of Recovery Act funds. The act requires any nonfederal employer receiving Recovery Act funds to post a notice of the rights and remedies provided under the Act. The Recipient shall post notice of employees rights and remedies for whistleblower protections provided under section 1553 of the American Recovery and Reinvestment Act of 2009 (Pub. L. 111-5) and shall include this notice requirement in all contracts with subrecipients, contractors, and subcontractors.

Recipients are reminded that the Office of Inspector General will verify the appropriate place of this poster as part of any field work conducted. Failure to display the poster may result in an audit finding. The poster can be downloaded from the following web site:

<http://www.oig.doc.gov/recovery/whistleblower.html>

12. Post-Award Reporting Requirements

The recipient shall submit a "Financial Status Report" (SF-425) on a quarterly basis for the periods ending March 31, June 30, September 30, and December 31 or any portion thereof. Reports are due no later than 30 days following the end of each reporting period. A final SF-425 shall be submitted within 90 days after the expiration date of the award.

The SF-425 shall be submitted electronically as long as it reflects an electronic signature/date.

The recipient shall submit program-specific quarterly performance reports electronically to the Federal Program Officer in the same frequency as the Financial Status Report (SF-425) unless otherwise authorized by the Grants Officer. The Federal Program Officer will provide updated instructions for accurate report completion at least 30 days prior to reporting period end date.

13. Baseline Project Plan

Recipients shall submit baseline project plans and details regarding key outputs and outcomes from their projects within 45 days of the close of the first quarter. Federal Program Officers will provide guidance on the format and content of these baseline plans and details for this one-time data gathering activity.

14. Notice of Limited Waiver of Section 1605 (Buy American Requirement) of the American Recovery and Reinvestment Act of 2009 (ARRA)

In accordance with Section 1605 of the Recovery Act, the Secretary of Commerce has granted a limited waiver of the Recovery Act's Buy American requirements with respect to certain broadband equipment that will be used in projects funded under the BTOP. A description of this equipment is included in the notice of waiver published in the Federal Register at 74 FR 31410 (July 1, 2009).

15. Nondiscrimination and Interconnection

The recipient shall comply with the nondiscrimination and network interconnection obligations set forth in section V.D.3.b of the NOFA and in Section 6001(j) of the Recovery Act. Recipients may be asked to provide supporting documentation upon request from the Grants Officer. Failure to comply with this provision of the award may be considered grounds for any or all of the following actions: establishment of an account receivable for affected BTOP award, withholding payments under any and all BTOP awards to the recipient, changing the method of payment from advance to reimbursement

only, or the imposition of other special award conditions, suspension of any BTOP active awards, and termination of any BTOP active awards.

16. Davis-Bacon Act Requirement

Consistent with U.S. Department of Commerce American Recovery and Reinvestment Act Award Term A.3., the Recipient shall obtain and maintain in its official records documentation of weekly certified payroll reports and the Statement of Compliance from itself and all subrecipients, contractors, and subcontractor(s) in accordance with Section 1606 of the American Recovery and Reinvestment Act of 2009 and the Davis-Bacon Act.

Davis-Bacon prevailing wage requirements apply to mechanics and laborers employed under federally assisted contracts or subcontracts in excess of \$2,000 for construction, alteration, or repair (including painting and decorating) of public buildings or public works, pursuant to Department of Labor regulations at 29 C.F.R. Parts 1, 3, and 5.

The Recipient is not required to submit this documentation to NIST, except in response to a request for this information from its Grants Officer. The authorized representatives and agents of NIST shall be permitted to inspect all work, materials, payrolls, personnel records, invoices of materials, and other relevant data and records.

Ten days prior to bid opening, any party soliciting a subrecipient, contractor, or subcontractor for work under this Award to which Davis-Bacon wage determinations apply must verify whether there have been any updates to the applicable Davis-Bacon wage determinations by reviewing the Department of Labor Wage Determinations OnLine website, free of charge, at www.wdol.gov. If there have been updates to the wage determinations, then these updated wage rates must be issued in a bid addendum. The Davis Bacon wage rates that are current ten days prior to the bid opening are the wage rates that will govern work performed under such solicitation.

17.

Recipient shall provide documentation within 30 days of award demonstrating that its activities under this award will not overlap significantly or duplicate those funded under 26-42-B10545 (MSU Public Computer Centers), 39-43-B10506 (One Community, specifically in Detroit), and 26-43-B10564 (Eastern Upper Peninsula School District), which were previously awarded by the program. If significant overlap or duplication in funding is determined to exist, Recipient shall submit a proposed revised budget and budget narrative for the overlapping or duplicative funds.

BUDGET INFORMATION - Non-Construction Programs

OMB Approval No. 0348-0044

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	SECTION A - BUDGET SUMMARY				New or Revised Budget		Total (g)
		Estimated Unobligated Funds Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)			
1. BTOP - Sustainable	11.557	\$	\$	\$	\$	\$	\$	6,613,365.00
2.								0.00
3.								0.00
4.								0.00
5. Totals		\$	\$	\$	\$	\$	\$	6,613,365.00
SECTION B - BUDGET CATEGORIES								
6. Object Class Categories		GRANT PROGRAM, FUNCTION OR ACTIVITY						
		(1) federal funds	(2) non-federal funds	(3)				Total (5)
a. Personnel		\$ 627,204.00	\$ 153,760.00	\$	\$	\$	\$	780,964.00
b. Fringe Benefits		232,942.00	47,143.00					280,085.00
c. Travel			4,092.00					4,092.00
d. Equipment								0.00
e. Supplies		20,000.00	8,000.00					28,000.00
f. Contractual		15,000.00						15,000.00
g. Construction								0.00
h. Other		3,826,322.00	1,077,589.00					4,903,911.00
i. Total Direct Charges (sum of 6a-6h)		4,721,468.00	1,290,584.00		0.00			6,012,052.00
j. Indirect Charges		494,039.00	107,274.00					601,313.00
k. TOTALS (sum of 6i and 6j)		\$ 5,215,507.00	\$ 1,397,858.00	\$	0.00	\$	0.00	\$ 6,613,365.00
7. Program Income								
		\$ 199,600.00	\$	\$	\$	\$	\$	199,600.00

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SECTION C - NON-FEDERAL RESOURCES					
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS	
8. BTOP—SBA	\$ 519,869.00	\$	\$ 877,989.00	\$	1,397,858.00
9.					0.00
10.					0.00
11.					0.00
12. TOTAL (sum of lines 8-11)	\$ 519,869.00	\$ 0.00	\$ 877,989.00	\$	1,397,858.00
SECTION D - FORECASTED CASH NEEDS					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ 0.00	\$	\$	\$	\$
14. Non-Federal	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.BTOP—SBA	\$	\$	\$	\$	
17.					
18.					
19.					
20. TOTAL (sum of lines 16-19)	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
SECTION F - OTHER BUDGET INFORMATION					
21. Direct Charges: \$6,012,052 (request + cost share)					22. Indirect Charges: \$601,313 (request + cost share)
23. Remarks: Revised 8/12/2010					