Broadband USA

Broadband Technology Opportunities Program
Public Computer Centers Program – Sustainable Adoption Program

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	**Applicant Organization:** Michigan State University
Task: Submit Application - Non-Infrastructure Programs	**Applicant Name:** Dr. Kurt DeMaagd

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A. General Application Information

1. Applicant Information

1-A. Name, Address, and Federal ID for Applicant

i. Legal Name:	Michigan State University
ii. Employer/Taxpayer Identification Number (EIN/TIN):	386005984
Street 1:	Contract & Grant Administration
Street 2:	301 Administration Bldg
City:	East Lansing
County:	Ingham
State:	MI
Country	United States
Zip/Postal Code:	48824-1046

1-B. Name and Contact Information of Person to be Contacted on Matters Involving this Application:

Prefix:	Dr.
First Name:	Kurt
Middle Name:	
Last Name:	DeMaagd
Suffix:	
Telephone Number:	517-355-4714
Fax Number:	
Email:	kdemaagd@msu.edu
Title:	Assistant Professor

1-C. Other Required Identification Numbers

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i. Organizational DUNS:	193247145
ii. CCR # (CAGE):	4B834
iii. Funding Opportunity Number:	2
iv. Catalog of Federal Domestic Assistance Number:	**BTOP CFDA Number:** 11.557 **BTOP CFDA Title:** Broadband Technology Opportunities Program

1-D. Organization Classification

State or State Agency

1-E. Applicant Federal Debt Delinquency Explanation

Is the **Applicant** Delinquent On Any Federal Debt?
No

Federal debt delinquency Explanation:

1-F. Congressional Districts of:

Applicant: Michigan - 8

Program/Project
Michigan - 1
Michigan - 4
Michigan - 5
Michigan - 6
Michigan - 8
Michigan - 9
Michigan - 10

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Michigan - 11

2. Project Title and Project Description

2-A. Project Title : Evidence Based Computer Center Deployment

2-B. Project Description: Based on prior research, we determine the optimal number of computers in a given library service area and propose a set of upgrades to meet this objective. To deploy these computers, we use a system of college internships to train the next generation of IT workers. Our proposal will provide an optimized level of community computing capacity while providing hands-on training for IT students.

3. Project Type

Classify the particular project type for which you are seeking federal funding.

Project Type: Public Computer Center

Project ID: 2

4. Application ID for Multiple Submissions for Identified Service Areas

BTOP Sustainable Adoption Proposal: Community Ties

5. Estimated Funding ($):

Estimated Funding ($):	
Federal	896,114
Applicant	189,518
State	
Local	
Other	

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Program Income	
Total	1,085,632

B. Eligibility Factors

6. Eligibility Factors.

The application must be completed fully, and all required supplemental documentation must be attached.
Applicants must commit to substantially completing their Project (as defined in the NOFA) within two years of the award date, and completing the Project within three years of the award date.
Applicants must credibly demonstrate that their Project advances at least one of the five statutory purposes for BTOP.
Applicants must demonstrate that but for Federal funding they would not have been able to complete their project during the grant period.
The budget for the project must be reasonable and all costs must be eligible.

6-d. Applicant is providing matching funds of at least 20 percent towards to the total eligible project costs or is requesting a waiver of the matching requirments.
Yes

Matching Fund Waiver Request Explanation

C. Executive Summary

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7. Executive Summary of Overall Proposal:

The enclosed grant proposal from Michigan State University (MSU) is a statewide proposal written on behalf of the State of Michigan and supported by Michigan's Congressional delegation. This program is designed to build the public computer center capacity of Michigan's anchor institutions.

Problem

Michigan is not only leading the country in unemployment, but also struggles from different underlying causes of this unemployment. Structural shifts in the economy have resulted in fewer manufacturing jobs, which has previously been a major employment sector in the state. Even as the broader economy appears to begin to rebound, Michigan will be challenged to change its underlying employment structures to take advantage of new economic opportunities.

The solution to this problem is workforce retraining, moving more of the population from manufacturing jobs to the new economy. However, this is a problem that cannot be solved solely through the traditional avenues of higher education. To retrain all of Michigan's unemployed workers would require a doubling of the capacity of the state's colleges and universities, and even then that system may not be the best to meet the needs of re-training. Instead, non-traditional educational methods must pick up the excess demand and offer novel opportunities for people learning new job skills. Online education and training materials, and training through small courses offered at libraries and other anchor institutions are an effective way to accomplish these training goals and have already been widely used in the state.

However, these training opportunities have strained the capacity of our libraries. Recent surveys indicate that the average Michigan library is operating at their maximum computing capacity 82% of the time. This restricts patron's ability to use the computers for education, job search, access to government resources, health information, and other tools that would enhance their overall quality of life.

Approach

Our approach uses an evidenced-based formula for determining which libraries can most benefit from additional capacity. Using a system developed by the Colorado State Library, we

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have assessed Michigan's library computing capacity and identified which libraries have the greatest need for additional computers. By using this mechanism, we were able to use a third party tool to objectively determine how to most efficiently allocate the computing funds.

Additionally, in several of our communities we found that the local public housing facilities and community college libraries were also providing computing access to the public. In those cases, we are also working with other anchor institutions, to expand the access.

To provide the training, we are using a two-pronged approach. We envision these computer centers as both a platform for delivering training materials and as a learning opportunity in and of themselves. First, we will provide access to a variety of online course materials consisting of materials available at the local library, materials on the Michigan e-Library, and newly developed material coming from our parallel Sustainable Adoption proposal. These materials can be both accessed independently and will also be covered as part of training classes taught by local librarians and other trainers. Second, we will use the computer centers as a direct training opportunity as we use teams of college students to set up and maintain the new hardware. This will provide students with concrete hands-on internship opportunities to apply the theoretical knowledge they have learned in the classroom. All interns will work under the guidance of faculty supervisors to ensure the quality of the final installations.

Target Areas

We have chosen sites from throughout the state. The locations were chosen based on libraries that cover underserved and high-unemployment populations. We then triaged the list according to the method described above to determine how many computers the libraries needed. The full list of libraries is available within the proposal, but the counties served are: Chippewa, Clare, Gladwin, Gogebic, Grand Traverse, Huron, Leelanau, Marquette, Menominee, Oakland, Oscoda, Otsego, Sanilac, Tuscola, and Van Buren. This represents a diverse set of counties from all major regions of the state.

Qualification

Michigan State University is well positioned to administer this program based on the institutional capacity for grant administration and our prior experience with related projects. Last year, MSU managed $376 million in externally funded projects. We have the institutional

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structure to provide grant oversight and compliance, legal oversight, connections throughout the state, and online course development support. Our department has been working for several years in related fields, providing experience in how to stimulate adoption in the most efficient and cost effective way. We have undertaken USDA and Kellogg Foundation funded projects to study broadband use and adoption. We also have a department initiative to provide students hands-on work deploying broadband infrastructure in rural areas. Our research in telehealth provides us with established healthcare partners in Michigan.

Jobs Created

This program will directly create 30 internship positions to train students in the deployment of the computer centers. In addition, if the job training programs enhance the employability of even 1% of the 260,000 unemployed individuals in the library service areas targeted, then it will indirectly create 26,000 jobs.

Overall Cost

Our program has a total cost of $896,114. This includes a $175,000 cash match from the libraries, and an in-kind salary match for the remaining match requirement

D. Project Purpose

Project Purpose: Recovery Act & BTOP Objectives

8. Project Purpose
    Michigan—like other parts of the country—is facing a high unemployment rate. However, two factors make Michigan's situation particularly challenging. First, Michigan has the country's highest unemployment rate, now exceeding 15%. Second, in addition to its magnitude, the nature of the unemployment is different. Michigan faces structural unemployment as the shift away from manufacturing has left many people out of work. Even as the broader economy rebounds, this shift in its underlying economy will limit Michigan's potential economic growth.

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The solution to this problem is through workforce retraining. Yet this presents new challenges. For example, according to the 2000 census, Michigan had 635,000 college students, including those in graduate school. According to the latest unemployment statistics, Michigan has 575,000 unemployed individuals. To handle retraining of this magnitude would require a doubling of college enrollment. Michigan's colleges and universities simply do not have the capacity to retrain all of these individuals.

Any solution to this challenge requires a variety of different approaches. For example, President Obama recently announced an initiative to expand the capacity of community colleges. Another approach, which is growing in popularity throughout Michigan, is to use local libraries to take online classes and access other training materials. Although this approach can be efficient, it has strained the capacity of Michigan's libraries to the point that recent library surveys indicated that the average Michigan library is over its Internet use capacity 82% of the time. This makes an expansion of library computing capacity vital to the future economic growth of the state of Michigan.

A second way to provide the job training services required is to use the installation of these computer centers as a training opportunity in itself. Teams of college students will be responsible for the initial testing, setup, network configuration, and user training for the computer centers. This will reduce the workload of the local libraries for installing the computers and provide valuable, practical education to the college students. They will learn not only the technical aspects of networking, but also the organizational aspects that can be difficult to teach in classroom settings.

We are also working with several public housing centers to expand their computing capacity. These centers provide service to vulnerable populations such as low-income individuals and the elderly. These groups lack the resources and facilities to access broadband apart from the computing facilities proposed by this program.

The general approach documented in this proposal is replicable around the state and throughout the country. The technology standards are based on Colorado State Library's Public Technology Standard, which is documented and freely available to the public. The educational materials delivered to the public for retraining purposes are made available through both commercial and open source databases, as well as new materials being developed as part of a parallel Sustainable Adoption grant also being written by Michigan State University. All

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elements and results of this initiative will be evaluated with the results and best practices published for general information and continuous improvement.

This proposal is designed to meet the third and fifth statutory goals. For the third goal, it will provide education, both by being a delivery platform for educational materials and because students will work through internships to establish the new computing facilities. Also as part of this third statutory goal, it supports libraries—one of the key community anchor institutions—in serving vulnerable and underserved regions.

It will also satisfy the fifth statutory goal by stimulating broadband adoption. Based on recent Pew Internet surveys, approximately half of those who currently do not subscribe to broadband claim that they will never do so. One way to break through this barrier is to show these consumers the potential benefits of broadband. In this way, the local public library becomes a try-before-you-buy opportunity for broadband skeptics to determine if they wish to adopt broadband at home.

This proposal is designed to work synergistically with a Sustainable Adoption proposal from Michigan State University, operating in conjunction with other broadband infrastructure providers who are proposing new infrastructure in Michigan. The adoption proposal includes substantial efforts to provide educational materials for high school students, the unemployed and underemployed, small businesses, healthcare providers, etc. A large portion of the materials developed under the adoption proposal will be in the form of online tutorials and other classes that will be freely accessible via the Michigan e-Library. This in turn will make more training material available via the library computers.

We are also proposing work in coordination with other broadband infrastructure providers. This increases the probability that the chosen libraries will have high-capacity broadband lines available, as well as increasing the demand for this new broadband infrastructure by expanding the demand from libraries.

In summary, the enclosed proposal will be a platform for the delivery of training materials to address Michigan's economic challenges. It is a synergistic proposal with our parallel adoption program that will provide educational materials that libraries can access. It is also operating in parallel with other broadband infrastructure proposals to increase the access to and demand for this new infrastructure.

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9. Recovery Act and Other Governmental Collaboration.

Collaboration with federal government programs

Upgrades of some facilities through EECBG grants, providing improved computing and training facilities.

Collaboration with state government programs

We are a member of the State of Michigan Planning Consortium for Broadband

This proposal is the official statewide adoption proposal for the State of Michigan and has been a part of a process involving representatives for all major state agencies. This creates efficiencies in identifying partners and other key institutions.

Collaboration with Michigan Economic Development Corporation for local economic development, to help identify needs and key partners for economic development.

Collaboration with Michigan Works in job retraining.

Collaboration with local government programs

Linkages with various county programs to expand training and business support services at libraries, helping us leverage existing resources such as facilities and access to local trainers.

Linkages with Oakland County's wireless Internet initiative, helping increase adoption in underrepresented urban regions.

10. Enhanced Services for Health Care Delivery, Education, and Children

Healthcare

One of the most frequently cited reasons for using a broadband connection is access to health information . Patrons using these computer centers will have access to such popular health information web sites as WebMD or the Mayo Clinic, all of which increasingly require broadband access as they incorporate video and other multimedia in their services. As such, the information available through these systems should enhance the quality of health among the users.

Education

Although this is an application for hardware funds, the underlying goal is to expand the

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educational capacity of Michigan's libraries. Given the immense challenge Michigan faces in retraining our significant population of manufacturing workers, the libraries will play a fundamental role in our education system. This means using the computer centers at libraries as a platform for delivering educational materials.

The education component will be delivered through two mechanisms. First, the Michigan e-Library has a variety of existing resources, which will be further expanded if our parallel Sustainable Adoption grant is approved. This will allow local individuals to take online courses to enhance their technology and other skills. Second, the additional computers will expand the capacity for the libraries when they conduct their own training classes. Although many libraries in the state currently offer training classes as part of their normal operations, the additional computers will enable more people to attend and provide a greater impact.

Children

Approximately 20% of the computers in our target libraries will be designated for children and 30% for teen use. These computers are particularly valuable for children as they provide access to educational games and other software.   The computers will be restricted to only use by the children, guaranteeing a certain capacity for child access.

11. Small and Disadvantaged Business Involvement

E. Project Benefits
E-1 – Expanding Broadband Public Computer Center Capacity
Public Computer Center Capacity, Including Areas and Populations Served

12. Public Computer Centers Availability
     The majority of the computers purchased under this program will be available to members of the general public. The exception to this rule is the public housing facilities, which is discussed in more detail below.

All of the libraries included in this proposal make their computers open to the general public.

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Certain computers may have restrictions placed on them, based on criteria such as children's use, teen use, gaming, job searching, etc. Yet all of the libraries will be using these computers as part of their public computing centers.

Although the libraries generally have open policies on their computers, some resources may be available only to library patrons. For most people in the service area, this should not lead to restricted access, as library cards can be obtained for free for all constituents living within their service area. For patrons coming from outside areas, however, there may be a nominal fee to gain access to some resources. These fees are applied to the operating costs of the library, which includes providing essential funds for the sustainability of the computing center.

The exception is for the public computer centers to be installed in three public housing facilities. The first facility is a community for elderly residents. The second two are low-income housing facilities. To ensure a safe and secure environment, these facilities will only be available to residents of the housing facility. This installation, however, is still consistent with the NOFA's guidelines of providing access to vulnerable populations and hence it is reasonable to provide the computer center even though access is restricted.

13. Restrictions on Public Computer Center Use

With the exception of the public housing centers as noted in Question 12, all of the computers are for public use. The public housing centers will restrict access for safety and security, but will nonetheless be providing access to disadvantaged populations.

At certain times of the day, the library computers may be restricted for use for a training class. Also, certain computers may be designated for use by children, teens, adults, etc. Within these minor restrictions, however, the computers are for general public use.

14. Public Computer Centers Accessibility

All purchasing of computer equipment and furniture under this program will be designed to be accessible to people with disabilities and will follow recommendations of the American Library Association (ALA) for the use of assistive technology. Our specific software adoption plans include:

• Screen magnification software

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- Screen readers
- Text readers
- Online keyboards

In addition, all new furniture investments will include adjustable surfaces to make them more accessible. Finally, also in line with ALA recommendations, the local librarians trained in working with people with disabilities and will ensure that outreach and education programs are also made available to people with disabilities.

15. PCC - Center Locations, PCC - Center Capacity, PCC - Size and Scope of Target Audience.

PCC - Center Locations & Center Capacity & Size and Scope of Target Audience.
Public Computer Center: Pine Ridge (Marquette Public Housing) Address Line 1:   316 Pine Street Address Line 2: City : Marquette State: MI Zip: 49855 Computer Center Name /Type: Pine Ridge (Marquette Public Housing) Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 140 Hours Open to Public: Average Hours Open to Public Per 120-hour Business Week: 0 Proposed Hours Open to Public Per 120-hour Business Week:60 Average Hours Open to Public Per 48-hour Weekend: 0 Proposed Hours Open to Public Per 48-hour Weekend:24 Broadband Workstations: Current # of Broadband Workstations: 0 Proposed # of Broadband Workstations: 18 Facility Broadband Connection Speed (MBps): Current Facility Broadband Connection Speed (MBps): .00 Proposed Facility Broadband Connection Speed (MBps): 10.00 # of Persons Served: # of Persons served per 120-hour business week (current): 0 # of Persons served per 120-hour business week (proposed target): 70

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# of Persons served per 48-hour weekend (current): 0
# of Persons served per 48-hour weekend (proposed target): 80

Public Computer Center: Lake Superior Village Townhouses (Marquette Public Housing)
Address Line 1:   125 Dobson Place
Address Line 2:
City : Marquette
State: MI
Zip: 49855

Computer Center Name /Type: Lake Superior Village Townhouses (Marquette Public Housing)
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 250

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 0
Proposed Hours Open to Public Per 120-hour Business Week:60
Average Hours Open to Public Per 48-hour Weekend: 0
Proposed Hours Open to Public Per 48-hour Weekend:24

Broadband Workstations:
Current # of Broadband Workstations: 0
Proposed # of Broadband Workstations: 18

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): .00
Proposed Facility Broadband Connection Speed (MBps): 10.00

# of Persons Served:
# of Persons served per 120-hour business week (current): 0
# of Persons served per 120-hour business week (proposed target): 75
# of Persons served per 48-hour weekend (current): 0
# of Persons served per 48-hour weekend (proposed target): 90

Public Computer Center: Menominee Public Housing
Address Line 1:   1801 8th Ave
Address Line 2:
City : Menominee
State: MI
Zip: 49858

Computer Center Name /Type: Menominee Public Housing

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Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 90

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 0
Proposed Hours Open to Public Per 120-hour Business Week:60
Average Hours Open to Public Per 48-hour Weekend: 0
Proposed Hours Open to Public Per 48-hour Weekend:24

Broadband Workstations:
Current # of Broadband Workstations: 0
Proposed # of Broadband Workstations: 2

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): .00
Proposed Facility Broadband Connection Speed (MBps): 1.50

# of Persons Served:
# of Persons served per 120-hour business week (current): 0
# of Persons served per 120-hour business week (proposed target): 25
# of Persons served per 48-hour weekend (current): 0
# of Persons served per 48-hour weekend (proposed target): 24

Public Computer Center: Gogebic Community College Public Computer Center
Address Line 1: E-4946 Jackson Road
Address Line 2:
City : Ironwood
State: MI
Zip: 49938

Computer Center Name /Type: Gogebic Community College Public Computer Center
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 0

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 0
Proposed Hours Open to Public Per 120-hour Business Week:60
Average Hours Open to Public Per 48-hour Weekend: 0
Proposed Hours Open to Public Per 48-hour Weekend:24

Broadband Workstations:
Current # of Broadband Workstations: 0
Proposed # of Broadband Workstations: 10

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Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): .00
Proposed Facility Broadband Connection Speed (MBps): 10.00

# of Persons Served:
# of Persons served per 120-hour business week (current): 0
# of Persons served per 120-hour business week (proposed target): 200
# of Persons served per 48-hour weekend (current): 0
# of Persons served per 48-hour weekend (proposed target): 100

Public Computer Center: Bayliss Public LIbrary
Address Line 1: 541 Library Drive
Address Line 2:
City : Sault Ste. Marie
State: MI
Zip: 49783

Computer Center Name /Type: Bayliss Public LIbrary
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 30613

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 41
Proposed Hours Open to Public Per 120-hour Business Week:41
Average Hours Open to Public Per 48-hour Weekend: 7
Proposed Hours Open to Public Per 48-hour Weekend:7

Broadband Workstations:
Current # of Broadband Workstations: 20
Proposed # of Broadband Workstations: 24

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 3.00
Proposed Facility Broadband Connection Speed (MBps): 3.00

# of Persons Served:
# of Persons served per 120-hour business week (current): 218
# of Persons served per 120-hour business week (proposed target): 262
# of Persons served per 48-hour weekend (current): 35
# of Persons served per 48-hour weekend (proposed target): 42

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Public Computer Center: DeTour Areas School and Public Library
Address Line 1: 202 S. Division Street
Address Line 2:
City : DeTour Village
State: MI
Zip: 49725

Computer Center Name /Type: DeTour Areas School and Public Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 2285

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 40
Proposed Hours Open to Public Per 120-hour Business Week:40
Average Hours Open to Public Per 48-hour Weekend: 4
Proposed Hours Open to Public Per 48-hour Weekend:4

Broadband Workstations:
Current # of Broadband Workstations: 5
Proposed # of Broadband Workstations: 12

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 1.50
Proposed Facility Broadband Connection Speed (MBps): 1.50

# of Persons Served:
# of Persons served per 120-hour business week (current): 58
# of Persons served per 120-hour business week (proposed target): 139
# of Persons served per 48-hour weekend (current): 15
# of Persons served per 48-hour weekend (proposed target): 36

Public Computer Center: Pere Marquette District Library
Address Line 1: 185 E. 4th Street
Address Line 2:
City : Clare
State: MI
Zip: 48617

Computer Center Name /Type: Pere Marquette District Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 8546

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 38

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Proposed Hours Open to Public Per 120-hour Business Week:38
Average Hours Open to Public Per 48-hour Weekend: 4
Proposed Hours Open to Public Per 48-hour Weekend:4

Broadband Workstations:
Current # of Broadband Workstations: 14
Proposed # of Broadband Workstations: 30

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 3.00
Proposed Facility Broadband Connection Speed (MBps): 3.00

# of Persons Served:
# of Persons served per 120-hour business week (current): 158
# of Persons served per 120-hour business week (proposed target): 339
# of Persons served per 48-hour weekend (current): 48
# of Persons served per 48-hour weekend (proposed target): 102

Public Computer Center: Harrison Community Library
Address Line 1:   105 E Main St
Address Line 2:
City : Harrison
State: MI
Zip: 48625

Computer Center Name /Type: Harrison Community Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 10994

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 35
Proposed Hours Open to Public Per 120-hour Business Week:35
Average Hours Open to Public Per 48-hour Weekend: 4
Proposed Hours Open to Public Per 48-hour Weekend:4

Broadband Workstations:
Current # of Broadband Workstations: 8
Proposed # of Broadband Workstations: 15

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 3.00
Proposed Facility Broadband Connection Speed (MBps): 3.00

Submitted Date: 8/16/2009 7:45:55 PM	**Easygrants ID: 2213**
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	**Applicant Organization:** Michigan State University
Task: Submit Application - Non-Infrastructure Programs	**Applicant Name:** Dr. Kurt DeMaagd

# of Persons Served:
# of Persons served per 120-hour business week (current): 40
# of Persons served per 120-hour business week (proposed target): 75
# of Persons served per 48-hour weekend (current): 8
# of Persons served per 48-hour weekend (proposed target): 15

Public Computer Center: Gladwin County District Library
Address Line 1:   402 James Robertson Dr
Address Line 2:
City : Gladwin
State: MI
Zip: 48614

Computer Center Name /Type: Gladwin County District Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 26023

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 52
Proposed Hours Open to Public Per 120-hour Business Week:52
Average Hours Open to Public Per 48-hour Weekend: 8
Proposed Hours Open to Public Per 48-hour Weekend:8

Broadband Workstations:
Current # of Broadband Workstations: 26
Proposed # of Broadband Workstations: 52

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 6.00
Proposed Facility Broadband Connection Speed (MBps): 6.00

# of Persons Served:
# of Persons served per 120-hour business week (current): 73
# of Persons served per 120-hour business week (proposed target): 145
# of Persons served per 48-hour weekend (current): 13
# of Persons served per 48-hour weekend (proposed target): 27

Public Computer Center: Ironwood Carnegie Library
Address Line 1:   234 E Aurora Street
Address Line 2:
City : Ironwood
State: MI
Zip: 49938

Broadband Technology Opportunities Program
Public Computer Centers Program – Sustainable Adoption Program

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	**Applicant Organization:** Michigan State University
Task: Submit Application - Non-Infrastructure Programs	**Applicant Name:** Dr. Kurt DeMaagd

Computer Center Name /Type: Ironwood Carnegie Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 8980

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 48
Proposed Hours Open to Public Per 120-hour Business Week:48
Average Hours Open to Public Per 48-hour Weekend: 5
Proposed Hours Open to Public Per 48-hour Weekend:5

Broadband Workstations:
Current # of Broadband Workstations: 8
Proposed # of Broadband Workstations: 10

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 2.00
Proposed Facility Broadband Connection Speed (MBps): 2.00

# of Persons Served:
# of Persons served per 120-hour business week (current): 110
# of Persons served per 120-hour business week (proposed target): 138
# of Persons served per 48-hour weekend (current): 17
# of Persons served per 48-hour weekend (proposed target): 22

Public Computer Center: Bessemer Public Library
Address Line 1: 411 S. Sophie Street
Address Line 2:
City : Bessemer
State: MI
Zip: 49941

Computer Center Name /Type: Bessemer Public Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 3418

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 44
Proposed Hours Open to Public Per 120-hour Business Week:44
Average Hours Open to Public Per 48-hour Weekend: 2
Proposed Hours Open to Public Per 48-hour Weekend:2

Broadband Workstations:
Current # of Broadband Workstations: 4

Broadband Technology Opportunities Program
Public Computer Centers Program – Sustainable Adoption Program

Submitted Date: 8/16/2009 7:45:55 PM	**Easygrants ID:** 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	**Applicant Organization:** Michigan State University
Task: Submit Application - Non-Infrastructure Programs	**Applicant Name:** Dr. Kurt DeMaagd

Proposed # of Broadband Workstations: 7

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 7.00
Proposed Facility Broadband Connection Speed (MBps): 7.00

# of Persons Served:
# of Persons served per 120-hour business week (current): 77
# of Persons served per 120-hour business week (proposed target): 135
# of Persons served per 48-hour weekend (current): 6
# of Persons served per 48-hour weekend (proposed target): 11

Public Computer Center: Wakefield Public Library
Address Line 1:   401 Hancock Street
Address Line 2:
City : Wakefield
State: MI
Zip: 49968

Computer Center Name /Type: Wakefield Public Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 2449

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 53
Proposed Hours Open to Public Per 120-hour Business Week:53
Average Hours Open to Public Per 48-hour Weekend: 8
Proposed Hours Open to Public Per 48-hour Weekend:8

Broadband Workstations:
Current # of Broadband Workstations: 3
Proposed # of Broadband Workstations: 7

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 1.00
Proposed Facility Broadband Connection Speed (MBps): 1.00

# of Persons Served:
# of Persons served per 120-hour business week (current): 63
# of Persons served per 120-hour business week (proposed target): 147
# of Persons served per 48-hour weekend (current): 6
# of Persons served per 48-hour weekend (proposed target): 14

Broadband Technology Opportunities Program
Public Computer Centers Program – Sustainable Adoption Program

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	Applicant Organization: Michigan State University
Task: Submit Application - Non-Infrastructure Programs	Applicant Name: Dr. Kurt DeMaagd

Public Computer Center: Bad Axe District Library
Address Line 1:   200 Shanselman
Address Line 2:
City : Bad Axe
State: MI
Zip: 48413

Computer Center Name /Type: Bad Axe District Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 7066

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 55
Proposed Hours Open to Public Per 120-hour Business Week:55
Average Hours Open to Public Per 48-hour Weekend: 7
Proposed Hours Open to Public Per 48-hour Weekend:7

Broadband Workstations:
Current # of Broadband Workstations: 8
Proposed # of Broadband Workstations: 10

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 6.00
Proposed Facility Broadband Connection Speed (MBps): 6.00

# of Persons Served:
# of Persons served per 120-hour business week (current): 110
# of Persons served per 120-hour business week (proposed target): 138
# of Persons served per 48-hour weekend (current): 22
# of Persons served per 48-hour weekend (proposed target): 28

Public Computer Center: Harbor Beach Area District Library
Address Line 1:   105 N. Huron Ave.
Address Line 2:
City : Harbor Beach
State: MI
Zip: 48441

Computer Center Name /Type: Harbor Beach Area District Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 6538

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 36

Broadband Technology Opportunities Program
Public Computer Centers Program – Sustainable Adoption Program

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	**Applicant Organization:** Michigan State University
Task: Submit Application - Non-Infrastructure Programs	**Applicant Name:** Dr. Kurt DeMaagd

Proposed Hours Open to Public Per 120-hour Business Week:36
Average Hours Open to Public Per 48-hour Weekend: 6
Proposed Hours Open to Public Per 48-hour Weekend:6

Broadband Workstations:
Current # of Broadband Workstations: 6
Proposed # of Broadband Workstations: 9

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 3.00
Proposed Facility Broadband Connection Speed (MBps): 3.00

# of Persons Served:
# of Persons served per 120-hour business week (current): 95
# of Persons served per 120-hour business week (proposed target): 142
# of Persons served per 48-hour weekend (current): 19
# of Persons served per 48-hour weekend (proposed target): 28

Public Computer Center: Port Austin Township Library
Address Line 1:   114 Railroad St
Address Line 2:
City : Port Austin
State: MI
Zip: 48467

Computer Center Name /Type: Port Austin Township Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 6538

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 43
Proposed Hours Open to Public Per 120-hour Business Week:43
Average Hours Open to Public Per 48-hour Weekend: 4
Proposed Hours Open to Public Per 48-hour Weekend:4

Broadband Workstations:
Current # of Broadband Workstations: 6
Proposed # of Broadband Workstations: 8

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 5.00
Proposed Facility Broadband Connection Speed (MBps): 5.00

Broadband Technology Opportunities Program
Public Computer Centers Program – Sustainable Adoption Program

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	**Applicant Organization:** Michigan State University
Task: Submit Application - Non-Infrastructure Programs	**Applicant Name:** Dr. Kurt DeMaagd

# of Persons Served:
# of Persons served per 120-hour business week (current): 156
# of Persons served per 120-hour business week (proposed target): 286
# of Persons served per 48-hour weekend (current): 20
# of Persons served per 48-hour weekend (proposed target): 36

Public Computer Center: Pigeon District Library
Address Line 1:   7236 Nitz St.
Address Line 2:
City : Pigeon
State: MI
Zip: 48755

Computer Center Name /Type: Pigeon District Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 8027

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 36
Proposed Hours Open to Public Per 120-hour Business Week:36
Average Hours Open to Public Per 48-hour Weekend: 6
Proposed Hours Open to Public Per 48-hour Weekend:6

Broadband Workstations:
Current # of Broadband Workstations: 6
Proposed # of Broadband Workstations: 11

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 12.00
Proposed Facility Broadband Connection Speed (MBps): 12.00

# of Persons Served:
# of Persons served per 120-hour business week (current): 280
# of Persons served per 120-hour business week (proposed target): 280
# of Persons served per 48-hour weekend (current): 17
# of Persons served per 48-hour weekend (proposed target): 17

Public Computer Center: Sebewaing Township Library
Address Line 1:   41 N. Center Street
Address Line 2:
City : Sebewaing
State: MI
Zip: 48759

Broadband Technology Opportunities Program
Public Computer Centers Program – Sustainable Adoption Program

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	Applicant Organization: Michigan State University
Task: Submit Application - Non-Infrastructure Programs	Applicant Name: Dr. Kurt DeMaagd

Computer Center Name /Type: Sebewaing Township Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 4488

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 30
Proposed Hours Open to Public Per 120-hour Business Week:30
Average Hours Open to Public Per 48-hour Weekend: 4
Proposed Hours Open to Public Per 48-hour Weekend:4

Broadband Workstations:
Current # of Broadband Workstations: 6
Proposed # of Broadband Workstations: 10

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 1.50
Proposed Facility Broadband Connection Speed (MBps): 1.50

# of Persons Served:
# of Persons served per 120-hour business week (current): 130
# of Persons served per 120-hour business week (proposed target): 130
# of Persons served per 48-hour weekend (current): 25
# of Persons served per 48-hour weekend (proposed target): 41

Public Computer Center: Sleeper Public Library
Address Line 1:   2236 E. Main St
Address Line 2:
City : Ulby
State: MI
Zip: 48475

Computer Center Name /Type: Sleeper Public Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 3596

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 42
Proposed Hours Open to Public Per 120-hour Business Week:42
Average Hours Open to Public Per 48-hour Weekend: 4
Proposed Hours Open to Public Per 48-hour Weekend:4

Broadband Workstations:
Current # of Broadband Workstations: 6

Broadband Technology Opportunities Program
Public Computer Centers Program – Sustainable Adoption Program

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	Applicant Organization: Michigan State University
Task: Submit Application - Non-Infrastructure Programs	Applicant Name: Dr. Kurt DeMaagd

Proposed # of Broadband Workstations: 4

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 6.00
Proposed Facility Broadband Connection Speed (MBps): 6.00

# of Persons Served:
# of Persons served per 120-hour business week (current): 160
# of Persons served per 120-hour business week (proposed target): 260
# of Persons served per 48-hour weekend (current): 24
# of Persons served per 48-hour weekend (proposed target): 40

Public Computer Center: Leelanau Township Library
Address Line 1:   119 E. Nagonaba
Address Line 2:
City : Northport
State: MI
Zip: 49670

Computer Center Name /Type: Leelanau Township Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 3139

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 42
Proposed Hours Open to Public Per 120-hour Business Week:42
Average Hours Open to Public Per 48-hour Weekend: 6
Proposed Hours Open to Public Per 48-hour Weekend:6

Broadband Workstations:
Current # of Broadband Workstations: 6
Proposed # of Broadband Workstations: 10

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 10.00
Proposed Facility Broadband Connection Speed (MBps): 10.00

# of Persons Served:
# of Persons served per 120-hour business week (current): 150
# of Persons served per 120-hour business week (proposed target): 250
# of Persons served per 48-hour weekend (current): 30
# of Persons served per 48-hour weekend (proposed target): 60

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	**Applicant Organization:** Michigan State University
Task: Submit Application - Non-Infrastructure Programs	**Applicant Name:** Dr. Kurt DeMaagd

Public Computer Center: Leland Township Public Library
Address Line 1:   203 E. Cedar St
Address Line 2:
City : Leland
State: MI
Zip: 49654

Computer Center Name /Type: Leland Township Public Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 5710

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 30
Proposed Hours Open to Public Per 120-hour Business Week:30
Average Hours Open to Public Per 48-hour Weekend: 4
Proposed Hours Open to Public Per 48-hour Weekend:4

Broadband Workstations:
Current # of Broadband Workstations: 4
Proposed # of Broadband Workstations: 6

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 1.50
Proposed Facility Broadband Connection Speed (MBps): 1.50

# of Persons Served:
# of Persons served per 120-hour business week (current): 68
# of Persons served per 120-hour business week (proposed target): 100
# of Persons served per 48-hour weekend (current): 16
# of Persons served per 48-hour weekend (proposed target): 24

Public Computer Center: Suttons Bay Bingham District Library
Address Line 1:   416 Front Street
Address Line 2:
City : Suttons Bay
State: MI
Zip: 49582

Computer Center Name /Type: Suttons Bay Bingham District Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 5407

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 29

Broadband Technology Opportunities Program
Public Computer Centers Program – Sustainable Adoption Program

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	**Applicant Organization:** Michigan State University
Task: Submit Application - Non-Infrastructure Programs	**Applicant Name:** Dr. Kurt DeMaagd

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Proposed Hours Open to Public Per 120-hour Business Week:29
Average Hours Open to Public Per 48-hour Weekend: 4
Proposed Hours Open to Public Per 48-hour Weekend:4

Broadband Workstations:
Current # of Broadband Workstations: 11
Proposed # of Broadband Workstations: 13

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 1.00
Proposed Facility Broadband Connection Speed (MBps): 1.00

# of Persons Served:
# of Persons served per 120-hour business week (current): 120
# of Persons served per 120-hour business week (proposed target): 140
# of Persons served per 48-hour weekend (current): 30
# of Persons served per 48-hour weekend (proposed target): 35

Public Computer Center: Ishpeming Carnegie Public Library
Address Line 1: 317 N. Main Street
Address Line 2:
City : Ishpeming
State: MI
Zip: 49849

Computer Center Name /Type: Ishpeming Carnegie Public Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 13888

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 44
Proposed Hours Open to Public Per 120-hour Business Week:44
Average Hours Open to Public Per 48-hour Weekend: 4
Proposed Hours Open to Public Per 48-hour Weekend:4

Broadband Workstations:
Current # of Broadband Workstations: 12
Proposed # of Broadband Workstations: 18

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 1.50
Proposed Facility Broadband Connection Speed (MBps): 1.50

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	**Applicant Organization:** Michigan State University
Task: Submit Application - Non-Infrastructure Programs	**Applicant Name:** Dr. Kurt DeMaagd

# of Persons Served:
# of Persons served per 120-hour business week (current): 175
# of Persons served per 120-hour business week (proposed target): 262
# of Persons served per 48-hour weekend (current): 40
# of Persons served per 48-hour weekend (proposed target): 60

Public Computer Center: Peter White Public Library
Address Line 1:   217 N Front Street
Address Line 2:
City : Marquette
State: MI
Zip: 49855

Computer Center Name /Type: Peter White Public Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 36145

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 55
Proposed Hours Open to Public Per 120-hour Business Week:55
Average Hours Open to Public Per 48-hour Weekend: 7
Proposed Hours Open to Public Per 48-hour Weekend:7

Broadband Workstations:
Current # of Broadband Workstations: 37
Proposed # of Broadband Workstations: 55

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 3.00
Proposed Facility Broadband Connection Speed (MBps): 3.00

# of Persons Served:
# of Persons served per 120-hour business week (current): 1200
# of Persons served per 120-hour business week (proposed target): 1784
# of Persons served per 48-hour weekend (current): 250
# of Persons served per 48-hour weekend (proposed target): 370

Public Computer Center: Negaunee Public Library
Address Line 1:   319 W. Case St
Address Line 2:
City : Negaunee
State: MI
Zip: 49866

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	Applicant Organization: Michigan State University
Task: Submit Application - Non-Infrastructure Programs	Applicant Name: Dr. Kurt DeMaagd

Computer Center Name /Type: Negaunee Public Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 7283

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 38
Proposed Hours Open to Public Per 120-hour Business Week:38
Average Hours Open to Public Per 48-hour Weekend: 0
Proposed Hours Open to Public Per 48-hour Weekend:0

Broadband Workstations:
Current # of Broadband Workstations: 9
Proposed # of Broadband Workstations: 10

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 1.50
Proposed Facility Broadband Connection Speed (MBps): 1.50

# of Persons Served:
# of Persons served per 120-hour business week (current): 150
# of Persons served per 120-hour business week (proposed target): 157
# of Persons served per 48-hour weekend (current): 0
# of Persons served per 48-hour weekend (proposed target): 0

Public Computer Center: Forsyth Township Public Library
Address Line 1:   184 W. Flint St
Address Line 2:
City : Gwinn
State: MI
Zip: 49841

Computer Center Name /Type: Forsyth Township Public Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 5791

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 37
Proposed Hours Open to Public Per 120-hour Business Week:37
Average Hours Open to Public Per 48-hour Weekend: 3
Proposed Hours Open to Public Per 48-hour Weekend:3

Broadband Workstations:
Current # of Broadband Workstations: 7

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	Applicant Organization: Michigan State University
Task: Submit Application - Non-Infrastructure Programs	Applicant Name: Dr. Kurt DeMaagd

Proposed # of Broadband Workstations: 9

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 1.50
Proposed Facility Broadband Connection Speed (MBps): 1.50

# of Persons Served:
# of Persons served per 120-hour business week (current): 175
# of Persons served per 120-hour business week (proposed target): 225
# of Persons served per 48-hour weekend (current): 21
# of Persons served per 48-hour weekend (proposed target): 27

Public Computer Center: Richmond Township Library
Address Line 1:   500 Smith Street
Address Line 2:
City : Palmer
State: MI
Zip: 49871

Computer Center Name /Type: Richmond Township Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 974

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 35
Proposed Hours Open to Public Per 120-hour Business Week:35
Average Hours Open to Public Per 48-hour Weekend: 3
Proposed Hours Open to Public Per 48-hour Weekend:3

Broadband Workstations:
Current # of Broadband Workstations: 5
Proposed # of Broadband Workstations: 6

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 1.00
Proposed Facility Broadband Connection Speed (MBps): 1.00

# of Persons Served:
# of Persons served per 120-hour business week (current): 80
# of Persons served per 120-hour business week (proposed target): 96
# of Persons served per 48-hour weekend (current): 10
# of Persons served per 48-hour weekend (proposed target): 12

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	Applicant Organization: Michigan State University
Task: Submit Application - Non-Infrastructure Programs	Applicant Name: Dr. Kurt DeMaagd

Public Computer Center: Republic-Michigamme Public Library
Address Line 1:   227 Maple St
Address Line 2:
City : Republic
State: MI
Zip: 49879

Computer Center Name /Type: Republic-Michigamme Public Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 1564

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 30
Proposed Hours Open to Public Per 120-hour Business Week:30
Average Hours Open to Public Per 48-hour Weekend: 0
Proposed Hours Open to Public Per 48-hour Weekend:0

Broadband Workstations:
Current # of Broadband Workstations: 3
Proposed # of Broadband Workstations: 6

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 1.50
Proposed Facility Broadband Connection Speed (MBps): 1.50

# of Persons Served:
# of Persons served per 120-hour business week (current): 32
# of Persons served per 120-hour business week (proposed target): 64
# of Persons served per 48-hour weekend (current): 0
# of Persons served per 48-hour weekend (proposed target): 0

Public Computer Center: Menominee District Library
Address Line 1:   S319 Railroad Street
Address Line 2:
City : Stephenson
State: MI
Zip: 49847

Computer Center Name /Type: Menominee District Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 15013

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 42

Broadband Technology Opportunities Program
Public Computer Centers Program – Sustainable Adoption Program

Submitted Date: 8/16/2009 7:45:55 PM	**Easygrants ID: 2213**
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	**Applicant Organization:** Michigan State University
Task: Submit Application - Non-Infrastructure Programs	**Applicant Name:** Dr. Kurt DeMaagd

Proposed Hours Open to Public Per 120-hour Business Week:42
Average Hours Open to Public Per 48-hour Weekend: 5
Proposed Hours Open to Public Per 48-hour Weekend:5

Broadband Workstations:
Current # of Broadband Workstations: 15
Proposed # of Broadband Workstations: 20

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 1.50
Proposed Facility Broadband Connection Speed (MBps): 1.50

# of Persons Served:
# of Persons served per 120-hour business week (current): 237
# of Persons served per 120-hour business week (proposed target): 316
# of Persons served per 48-hour weekend (current): 35
# of Persons served per 48-hour weekend (proposed target): 47

Public Computer Center: Spies Public Library
Address Line 1:   940 First Street
Address Line 2:
City : Menominee
State: MI
Zip: 49858

Computer Center Name /Type: Spies Public Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 10313

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 50
Proposed Hours Open to Public Per 120-hour Business Week:50
Average Hours Open to Public Per 48-hour Weekend: 8
Proposed Hours Open to Public Per 48-hour Weekend:8

Broadband Workstations:
Current # of Broadband Workstations: 25
Proposed # of Broadband Workstations: 35

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 3.00
Proposed Facility Broadband Connection Speed (MBps): 3.00

Broadband Technology Opportunities Program
Public Computer Centers Program – Sustainable Adoption Program

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	**Applicant Organization:** Michigan State University
Task: Submit Application - Non-Infrastructure Programs	**Applicant Name:** Dr. Kurt DeMaagd

# of Persons Served:
# of Persons served per 120-hour business week (current): 400
# of Persons served per 120-hour business week (proposed target): 560
# of Persons served per 48-hour weekend (current): 50
# of Persons served per 48-hour weekend (proposed target): 70

Public Computer Center: The Library Network Mobile Lab
Address Line 1:   Mobile Lab - Oakland County, MI
Address Line 2:
City : Mobile Lab - Oakland County, MI
State: MI
Zip: 11111

Computer Center Name /Type: The Library Network Mobile Lab
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 1185613

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 40
Proposed Hours Open to Public Per 120-hour Business Week:40
Average Hours Open to Public Per 48-hour Weekend: 0
Proposed Hours Open to Public Per 48-hour Weekend:8

Broadband Workstations:
Current # of Broadband Workstations: 0
Proposed # of Broadband Workstations: 10

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): .50
Proposed Facility Broadband Connection Speed (MBps): .50

# of Persons Served:
# of Persons served per 120-hour business week (current): 0
# of Persons served per 120-hour business week (proposed target): 100
# of Persons served per 48-hour weekend (current): 0
# of Persons served per 48-hour weekend (proposed target): 20

Public Computer Center: Rochester Hills Public Library
Address Line 1:   500 Olde Towne Road
Address Line 2:
City : Rochester
State: MI
Zip: 48307

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	Applicant Organization: Michigan State University
Task: Submit Application - Non-Infrastructure Programs	Applicant Name: Dr. Kurt DeMaagd

Computer Center Name /Type: Rochester Hills Public Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 92363

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 56
Proposed Hours Open to Public Per 120-hour Business Week:56
Average Hours Open to Public Per 48-hour Weekend: 13
Proposed Hours Open to Public Per 48-hour Weekend:13

Broadband Workstations:
Current # of Broadband Workstations: 65
Proposed # of Broadband Workstations: 73

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 10.00
Proposed Facility Broadband Connection Speed (MBps): 10.00

# of Persons Served:
# of Persons served per 120-hour business week (current): 2125
# of Persons served per 120-hour business week (proposed target): 2387
# of Persons served per 48-hour weekend (current): 845
# of Persons served per 48-hour weekend (proposed target): 950

Public Computer Center: Royal Oak Public Library
Address Line 1:   222 E. Eleven Mile Road
Address Line 2:
City : Royal Oak
State: MI
Zip: 48067

Computer Center Name /Type: Royal Oak Public Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 60000

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 50
Proposed Hours Open to Public Per 120-hour Business Week:50
Average Hours Open to Public Per 48-hour Weekend: 8
Proposed Hours Open to Public Per 48-hour Weekend:8

Broadband Workstations:
Current # of Broadband Workstations: 44

Broadband Technology Opportunities Program
Public Computer Centers Program – Sustainable Adoption Program

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	Applicant Organization: Michigan State University
Task: Submit Application - Non-Infrastructure Programs	Applicant Name: Dr. Kurt DeMaagd

Proposed # of Broadband Workstations: 54

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 5.00
Proposed Facility Broadband Connection Speed (MBps): 5.00

# of Persons Served:
# of Persons served per 120-hour business week (current): 993
# of Persons served per 120-hour business week (proposed target): 1219
# of Persons served per 48-hour weekend (current): 350
# of Persons served per 48-hour weekend (proposed target): 430

Public Computer Center: Southfield Public Library
Address Line 1:   26300 Evergreen Rd
Address Line 2:
City : Southfield
State: MI
Zip: 48076

Computer Center Name /Type: Southfield Public Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 82532

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 52
Proposed Hours Open to Public Per 120-hour Business Week:52
Average Hours Open to Public Per 48-hour Weekend: 12
Proposed Hours Open to Public Per 48-hour Weekend:12

Broadband Workstations:
Current # of Broadband Workstations: 192
Proposed # of Broadband Workstations: 202

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 10.00
Proposed Facility Broadband Connection Speed (MBps): 10.00

# of Persons Served:
# of Persons served per 120-hour business week (current): 4900
# of Persons served per 120-hour business week (proposed target): 5150
# of Persons served per 48-hour weekend (current): 2000
# of Persons served per 48-hour weekend (proposed target): 2100

Broadband Technology Opportunities Program
Public Computer Centers Program – Sustainable Adoption Program

Submitted Date: 8/16/2009 7:45:55 PM	**Easygrants ID: 2213**
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	**Applicant Organization:** Michigan State University
Task: Submit Application - Non-Infrastructure Programs	**Applicant Name:** Dr. Kurt DeMaagd

Public Computer Center: Waterford Public Library
Address Line 1: 5168 Civic Center Drive
Address Line 2:
City : Waterford
State: MI
Zip: 43829

Computer Center Name /Type: Waterford Public Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 72307

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 56
Proposed Hours Open to Public Per 120-hour Business Week:56
Average Hours Open to Public Per 48-hour Weekend: 11
Proposed Hours Open to Public Per 48-hour Weekend:11

Broadband Workstations:
Current # of Broadband Workstations: 49
Proposed # of Broadband Workstations: 55

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 20.00
Proposed Facility Broadband Connection Speed (MBps): 20.00

# of Persons Served:
# of Persons served per 120-hour business week (current): 1300
# of Persons served per 120-hour business week (proposed target): 1450
# of Persons served per 48-hour weekend (current): 500
# of Persons served per 48-hour weekend (proposed target): 560

Public Computer Center: Baldwin Public Library
Address Line 1: 300 W Merrill St
Address Line 2:
City : Birmingham
State: MI
Zip: 48102

Computer Center Name /Type: Baldwin Public Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 30758

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 54

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	Applicant Organization: Michigan State University
Task: Submit Application - Non-Infrastructure Programs	Applicant Name: Dr. Kurt DeMaagd

Proposed Hours Open to Public Per 120-hour Business Week:54
Average Hours Open to Public Per 48-hour Weekend: 12
Proposed Hours Open to Public Per 48-hour Weekend:12

Broadband Workstations:
Current # of Broadband Workstations: 59
Proposed # of Broadband Workstations: 71

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 10.00
Proposed Facility Broadband Connection Speed (MBps): 10.00

# of Persons Served:
# of Persons served per 120-hour business week (current): 1600
# of Persons served per 120-hour business week (proposed target): 1925
# of Persons served per 48-hour weekend (current): 700
# of Persons served per 48-hour weekend (proposed target): 840

Public Computer Center: Independence Township Library
Address Line 1:   6495 Clarkston Road
Address Line 2:
City : Clarkston
State: MI
Zip: 48346

Computer Center Name /Type: Independence Township Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 33543

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 52
Proposed Hours Open to Public Per 120-hour Business Week:52
Average Hours Open to Public Per 48-hour Weekend: 8
Proposed Hours Open to Public Per 48-hour Weekend:8

Broadband Workstations:
Current # of Broadband Workstations: 29
Proposed # of Broadband Workstations: 35

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 10.00
Proposed Facility Broadband Connection Speed (MBps): 10.00

Broadband Technology Opportunities Program
Public Computer Centers Program – Sustainable Adoption Program

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	**Applicant Organization:** Michigan State University
Task: Submit Application - Non-Infrastructure Programs	**Applicant Name:** Dr. Kurt DeMaagd

# of Persons Served:
# of Persons served per 120-hour business week (current): 547
# of Persons served per 120-hour business week (proposed target): 660
# of Persons served per 48-hour weekend (current): 113
# of Persons served per 48-hour weekend (proposed target): 135

Public Computer Center: Commerce Township
Address Line 1: 2869 Pontiac Trail
Address Line 2:
City : Commerce Twp
State: MI
Zip: 48390

Computer Center Name /Type: Commerce Township
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 34764

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 51
Proposed Hours Open to Public Per 120-hour Business Week:51
Average Hours Open to Public Per 48-hour Weekend: 11
Proposed Hours Open to Public Per 48-hour Weekend:11

Broadband Workstations:
Current # of Broadband Workstations: 25
Proposed # of Broadband Workstations: 27

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 1.50
Proposed Facility Broadband Connection Speed (MBps): 1.50

# of Persons Served:
# of Persons served per 120-hour business week (current): 450
# of Persons served per 120-hour business week (proposed target): 490
# of Persons served per 48-hour weekend (current): 175
# of Persons served per 48-hour weekend (proposed target): 189

Public Computer Center: Orion Township Public Library
Address Line 1: 825 Joslyn Rd
Address Line 2:
City : Lake Orion
State: MI
Zip: 48362

Broadband Technology Opportunities Program
Public Computer Centers Program – Sustainable Adoption Program

Submitted Date: 8/16/2009 7:45:55 PM	**Easygrants ID:** 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	**Applicant Organization:** Michigan State University
Task: Submit Application - Non-Infrastructure Programs	**Applicant Name:** Dr. Kurt DeMaagd

Computer Center Name /Type: Orion Township Public Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 33463

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 54
Proposed Hours Open to Public Per 120-hour Business Week:54
Average Hours Open to Public Per 48-hour Weekend: 15
Proposed Hours Open to Public Per 48-hour Weekend:15

Broadband Workstations:
Current # of Broadband Workstations: 37
Proposed # of Broadband Workstations: 52

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 10.00
Proposed Facility Broadband Connection Speed (MBps): 10.00

# of Persons Served:
# of Persons served per 120-hour business week (current): 275
# of Persons served per 120-hour business week (proposed target): 385
# of Persons served per 48-hour weekend (current): 38
# of Persons served per 48-hour weekend (proposed target): 53

Public Computer Center: Madison Heights Public Library
Address Line 1: 240 W 13 Mile Rd
Address Line 2:
City : Madison Heights
State: MI
Zip: 48071

Computer Center Name /Type: Madison Heights Public Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 31101

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 42
Proposed Hours Open to Public Per 120-hour Business Week:42
Average Hours Open to Public Per 48-hour Weekend: 16
Proposed Hours Open to Public Per 48-hour Weekend:16

Broadband Workstations:
Current # of Broadband Workstations: 17

Broadband Technology Opportunities Program
Public Computer Centers Program – Sustainable Adoption Program

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	**Applicant Organization:** Michigan State University
Task: Submit Application - Non-Infrastructure Programs	**Applicant Name:** Dr. Kurt DeMaagd

Proposed # of Broadband Workstations: 24

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 1.50
Proposed Facility Broadband Connection Speed (MBps): 1.50

# of Persons Served:
# of Persons served per 120-hour business week (current): 385
# of Persons served per 120-hour business week (proposed target): 540
# of Persons served per 48-hour weekend (current): 270
# of Persons served per 48-hour weekend (proposed target): 381

Public Computer Center: Oak Park Public Library
Address Line 1:   14200 Oak Park Boulevard
Address Line 2:
City : Oak Park
State: MI
Zip: 48237

Computer Center Name /Type: Oak Park Public Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 32399

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 51
Proposed Hours Open to Public Per 120-hour Business Week:51
Average Hours Open to Public Per 48-hour Weekend: 7
Proposed Hours Open to Public Per 48-hour Weekend:7

Broadband Workstations:
Current # of Broadband Workstations: 12
Proposed # of Broadband Workstations: 22

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 3.00
Proposed Facility Broadband Connection Speed (MBps): 3.00

# of Persons Served:
# of Persons served per 120-hour business week (current): 300
# of Persons served per 120-hour business week (proposed target): 550
# of Persons served per 48-hour weekend (current): 85
# of Persons served per 48-hour weekend (proposed target): 150

Broadband Technology Opportunities Program
Public Computer Centers Program – Sustainable Adoption Program

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	**Applicant Organization:** Michigan State University
Task: Submit Application - Non-Infrastructure Programs	**Applicant Name:** Dr. Kurt DeMaagd

Public Computer Center: White Lake Township Library
Address Line 1:   7527 E. Highland Rd
Address Line 2:
City : White Lake
State: MI
Zip: 48383

Computer Center Name /Type: White Lake Township Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 28219

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 51
Proposed Hours Open to Public Per 120-hour Business Week:51
Average Hours Open to Public Per 48-hour Weekend: 7
Proposed Hours Open to Public Per 48-hour Weekend:7

Broadband Workstations:
Current # of Broadband Workstations: 10
Proposed # of Broadband Workstations: 24

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 1.50
Proposed Facility Broadband Connection Speed (MBps): 1.50

# of Persons Served:
# of Persons served per 120-hour business week (current): 310
# of Persons served per 120-hour business week (proposed target): 744
# of Persons served per 48-hour weekend (current): 50
# of Persons served per 48-hour weekend (proposed target): 120

Public Computer Center: Auburn Hills Public Library
Address Line 1:   3400 E. Burr Oak St
Address Line 2:
City : Auburn Hills
State: MI
Zip: 48236

Computer Center Name /Type: Auburn Hills Public Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 19837

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 54

Submitted Date: 8/16/2009 7:45:55 PM	**Easygrants ID:** 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	**Applicant Organization:** Michigan State University
Task: Submit Application - Non-Infrastructure Programs	**Applicant Name:** Dr. Kurt DeMaagd

Proposed Hours Open to Public Per 120-hour Business Week:54
Average Hours Open to Public Per 48-hour Weekend: 8
Proposed Hours Open to Public Per 48-hour Weekend:8

Broadband Workstations:
Current # of Broadband Workstations: 25
Proposed # of Broadband Workstations: 26

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 10.00
Proposed Facility Broadband Connection Speed (MBps): 10.00

# of Persons Served:
# of Persons served per 120-hour business week (current): 750
# of Persons served per 120-hour business week (proposed target): 780
# of Persons served per 48-hour weekend (current): 150
# of Persons served per 48-hour weekend (proposed target): 156

Public Computer Center: Berkley Public Library
Address Line 1: 3155 Coolidge Highway
Address Line 2:
City : Berkley
State: MI
Zip: 48072

Computer Center Name /Type: Berkley Public Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 15531

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 46
Proposed Hours Open to Public Per 120-hour Business Week:46
Average Hours Open to Public Per 48-hour Weekend: 8
Proposed Hours Open to Public Per 48-hour Weekend:8

Broadband Workstations:
Current # of Broadband Workstations: 10
Proposed # of Broadband Workstations: 14

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 1.50
Proposed Facility Broadband Connection Speed (MBps): 1.50

Broadband Technology Opportunities Program
Public Computer Centers Program – Sustainable Adoption Program

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	Applicant Organization: Michigan State University
Task: Submit Application - Non-Infrastructure Programs	Applicant Name: Dr. Kurt DeMaagd

# of Persons Served:
# of Persons served per 120-hour business week (current): 300
# of Persons served per 120-hour business week (proposed target): 420
# of Persons served per 48-hour weekend (current): 70
# of Persons served per 48-hour weekend (proposed target): 98

Public Computer Center: Blair Memorial Library
Address Line 1:   416 N Main St
Address Line 2:
City : Clawson
State: MI
Zip: 48017

Computer Center Name /Type: Blair Memorial Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 12732

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 40
Proposed Hours Open to Public Per 120-hour Business Week:40
Average Hours Open to Public Per 48-hour Weekend: 8
Proposed Hours Open to Public Per 48-hour Weekend:8

Broadband Workstations:
Current # of Broadband Workstations: 8
Proposed # of Broadband Workstations: 16

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 1.50
Proposed Facility Broadband Connection Speed (MBps): 1.50

# of Persons Served:
# of Persons served per 120-hour business week (current): 250
# of Persons served per 120-hour business week (proposed target): 500
# of Persons served per 48-hour weekend (current): 50
# of Persons served per 48-hour weekend (proposed target): 100

Public Computer Center: Springfield Township Library
Address Line 1:   12000 Davisburg Rd
Address Line 2:
City : Davisburg
State: MI
Zip: 48350

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	Applicant Organization: Michigan State University
Task: Submit Application - Non-Infrastructure Programs	Applicant Name: Dr. Kurt DeMaagd

Computer Center Name /Type: Springfield Township Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 13000

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 46
Proposed Hours Open to Public Per 120-hour Business Week:46
Average Hours Open to Public Per 48-hour Weekend: 8
Proposed Hours Open to Public Per 48-hour Weekend:8

Broadband Workstations:
Current # of Broadband Workstations: 11
Proposed # of Broadband Workstations: 14

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 1.50
Proposed Facility Broadband Connection Speed (MBps): 1.50

# of Persons Served:
# of Persons served per 120-hour business week (current): 300
# of Persons served per 120-hour business week (proposed target): 380
# of Persons served per 48-hour weekend (current): 25
# of Persons served per 48-hour weekend (proposed target): 32

Public Computer Center: Ferndale Public Library
Address Line 1:   222 E. 9 Mile
Address Line 2:
City : Ferndal
State: MI
Zip: 48220

Computer Center Name /Type: Ferndale Public Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 22105

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 52
Proposed Hours Open to Public Per 120-hour Business Week:52
Average Hours Open to Public Per 48-hour Weekend: 5
Proposed Hours Open to Public Per 48-hour Weekend:5

Broadband Workstations:
Current # of Broadband Workstations: 13

Broadband Technology Opportunities Program
Public Computer Centers Program – Sustainable Adoption Program

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	**Applicant Organization:** Michigan State University
Task: Submit Application - Non-Infrastructure Programs	**Applicant Name:** Dr. Kurt DeMaagd

Proposed # of Broadband Workstations: 29

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 1.50
Proposed Facility Broadband Connection Speed (MBps): 1.50

# of Persons Served:
# of Persons served per 120-hour business week (current): 334
# of Persons served per 120-hour business week (proposed target): 745
# of Persons served per 48-hour weekend (current): 42
# of Persons served per 48-hour weekend (proposed target): 94

Public Computer Center: Hazel Park Memorial Library
Address Line 1:   123 9 Mile Rd
Address Line 2:
City : Hazel Park
State: MI
Zip: 48030

Computer Center Name /Type: Hazel Park Memorial Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 18963

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 40
Proposed Hours Open to Public Per 120-hour Business Week:40
Average Hours Open to Public Per 48-hour Weekend: 6
Proposed Hours Open to Public Per 48-hour Weekend:6

Broadband Workstations:
Current # of Broadband Workstations: 19
Proposed # of Broadband Workstations: 25

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 1.50
Proposed Facility Broadband Connection Speed (MBps): 1.50

# of Persons Served:
# of Persons served per 120-hour business week (current): 454
# of Persons served per 120-hour business week (proposed target): 600
# of Persons served per 48-hour weekend (current): 114
# of Persons served per 48-hour weekend (proposed target): 150

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	**Applicant Organization:** Michigan State University
Task: Submit Application - Non-Infrastructure Programs	**Applicant Name:** Dr. Kurt DeMaagd

Public Computer Center: Highland Township Public Library
Address Line 1: 444 Beach Farm Circle
Address Line 2:
City : Highland
State: MI
Zip: 48357

Computer Center Name /Type: Highland Township Public Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 19169

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 47
Proposed Hours Open to Public Per 120-hour Business Week:47
Average Hours Open to Public Per 48-hour Weekend: 7
Proposed Hours Open to Public Per 48-hour Weekend:7

Broadband Workstations:
Current # of Broadband Workstations: 18
Proposed # of Broadband Workstations: 25

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 1.50
Proposed Facility Broadband Connection Speed (MBps): 1.50

# of Persons Served:
# of Persons served per 120-hour business week (current): 400
# of Persons served per 120-hour business week (proposed target): 555
# of Persons served per 48-hour weekend (current): 126
# of Persons served per 48-hour weekend (proposed target): 175

Public Computer Center: Holly Township Library
Address Line 1: 1116 N Saginaw
Address Line 2:
City : Holly
State: MI
Zip: 448442

Computer Center Name /Type: Holly Township Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 22397

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 50

Broadband Technology Opportunities Program
Public Computer Centers Program – Sustainable Adoption Program

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	**Applicant Organization:** Michigan State University
Task: Submit Application - Non-Infrastructure Programs	**Applicant Name:** Dr. Kurt DeMaagd

Proposed Hours Open to Public Per 120-hour Business Week:50
Average Hours Open to Public Per 48-hour Weekend: 8
Proposed Hours Open to Public Per 48-hour Weekend:8

Broadband Workstations:
Current # of Broadband Workstations: 21
Proposed # of Broadband Workstations: 35

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 5.00
Proposed Facility Broadband Connection Speed (MBps): 5.00

# of Persons Served:
# of Persons served per 120-hour business week (current): 240
# of Persons served per 120-hour business week (proposed target): 400
# of Persons served per 48-hour weekend (current): 20
# of Persons served per 48-hour weekend (proposed target): 35

Public Computer Center: Brandon Township Public Library
Address Line 1:   304 South Street
Address Line 2:
City : Ortonville
State: MI
Zip: 48462

Computer Center Name /Type: Brandon Township Public Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 14765

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 52
Proposed Hours Open to Public Per 120-hour Business Week:52
Average Hours Open to Public Per 48-hour Weekend: 10
Proposed Hours Open to Public Per 48-hour Weekend:10

Broadband Workstations:
Current # of Broadband Workstations: 24
Proposed # of Broadband Workstations: 28

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 1.50
Proposed Facility Broadband Connection Speed (MBps): 1.50

Broadband Technology Opportunities Program
Public Computer Centers Program – Sustainable Adoption Program

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	**Applicant Organization:** Michigan State University
Task: Submit Application - Non-Infrastructure Programs	**Applicant Name:** Dr. Kurt DeMaagd

# of Persons Served:
# of Persons served per 120-hour business week (current): 720
# of Persons served per 120-hour business week (proposed target): 840
# of Persons served per 48-hour weekend (current): 144
# of Persons served per 48-hour weekend (proposed target): 168

Public Computer Center: Oxford Public Library
Address Line 1: 530 Pontiac Rd
Address Line 2:
City : Oxford
State: MI
Zip: 48371

Computer Center Name /Type: Oxford Public Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 16025

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 51
Proposed Hours Open to Public Per 120-hour Business Week:51
Average Hours Open to Public Per 48-hour Weekend: 11
Proposed Hours Open to Public Per 48-hour Weekend:11

Broadband Workstations:
Current # of Broadband Workstations: 23
Proposed # of Broadband Workstations: 27

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 16.00
Proposed Facility Broadband Connection Speed (MBps): 16.00

# of Persons Served:
# of Persons served per 120-hour business week (current): 450
# of Persons served per 120-hour business week (proposed target): 528
# of Persons served per 48-hour weekend (current): 110
# of Persons served per 48-hour weekend (proposed target): 130

Public Computer Center: Wixom Public Library
Address Line 1: 49015 Pontiac Trail
Address Line 2:
City : Wixom
State: MI
Zip: 48393

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	**Applicant Organization:** Michigan State University
Task: Submit Application - Non-Infrastructure Programs	**Applicant Name:** Dr. Kurt DeMaagd

Computer Center Name /Type: Wixom Public Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 13263

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 47
Proposed Hours Open to Public Per 120-hour Business Week:47
Average Hours Open to Public Per 48-hour Weekend: 11
Proposed Hours Open to Public Per 48-hour Weekend:11

Broadband Workstations:
Current # of Broadband Workstations: 20
Proposed # of Broadband Workstations: 32

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 1.50
Proposed Facility Broadband Connection Speed (MBps): 1.50

# of Persons Served:
# of Persons served per 120-hour business week (current): 750
# of Persons served per 120-hour business week (proposed target): 1200
# of Persons served per 48-hour weekend (current): 220
# of Persons served per 48-hour weekend (proposed target): 350

Public Computer Center: Huntington Woods Public Library
Address Line 1:   26415 Scotia Rd
Address Line 2:
City : Huntington Woods
State: MI
Zip: 48070

Computer Center Name /Type: Huntington Woods Public Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 8745

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 55
Proposed Hours Open to Public Per 120-hour Business Week:55
Average Hours Open to Public Per 48-hour Weekend: 0
Proposed Hours Open to Public Per 48-hour Weekend:0

Broadband Workstations:
Current # of Broadband Workstations: 6

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	**Applicant Organization:** Michigan State University
Task: Submit Application - Non-Infrastructure Programs	**Applicant Name:** Dr. Kurt DeMaagd

Proposed # of Broadband Workstations: 12

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 1.50
Proposed Facility Broadband Connection Speed (MBps): 1.50

# of Persons Served:
# of Persons served per 120-hour business week (current): 300
# of Persons served per 120-hour business week (proposed target): 600
# of Persons served per 48-hour weekend (current): 0
# of Persons served per 48-hour weekend (proposed target): 0

Public Computer Center: Addison Township Public Library
Address Line 1: 1440 Rochester Rd
Address Line 2:
City : Leonard
State: MI
Zip: 48367

Computer Center Name /Type: Addison Township Public Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 6439

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 44
Proposed Hours Open to Public Per 120-hour Business Week:44
Average Hours Open to Public Per 48-hour Weekend: 6
Proposed Hours Open to Public Per 48-hour Weekend:6

Broadband Workstations:
Current # of Broadband Workstations: 1
Proposed # of Broadband Workstations: 4

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 1.50
Proposed Facility Broadband Connection Speed (MBps): 1.50

# of Persons Served:
# of Persons served per 120-hour business week (current): 32
# of Persons served per 120-hour business week (proposed target): 120
# of Persons served per 48-hour weekend (current): 6
# of Persons served per 48-hour weekend (proposed target): 24

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	**Applicant Organization:** Michigan State University
Task: Submit Application - Non-Infrastructure Programs	**Applicant Name:** Dr. Kurt DeMaagd

Public Computer Center: Walled Lake City Library
Address Line 1: 1499 E Maple
Address Line 2:
City : Walled Lake
State: MI
Zip: 48390

Computer Center Name /Type: Walled Lake City Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 6713

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 44
Proposed Hours Open to Public Per 120-hour Business Week:44
Average Hours Open to Public Per 48-hour Weekend: 0
Proposed Hours Open to Public Per 48-hour Weekend:0

Broadband Workstations:
Current # of Broadband Workstations: 8
Proposed # of Broadband Workstations: 14

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 15.00
Proposed Facility Broadband Connection Speed (MBps): 15.00

# of Persons Served:
# of Persons served per 120-hour business week (current): 300
# of Persons served per 120-hour business week (proposed target): 525
# of Persons served per 48-hour weekend (current): 0
# of Persons served per 48-hour weekend (proposed target): 0

Public Computer Center: Franklin Public Library
Address Line 1: 32455 Franklin Road
Address Line 2:
City : Franklin
State: MI
Zip: 48025

Computer Center Name /Type: Franklin Public Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 2937

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 40

Submitted Date: 8/16/2009 7:45:55 PM	**Easygrants ID: 2213**
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	**Applicant Organization:** Michigan State University
Task: Submit Application - Non-Infrastructure Programs	**Applicant Name:** Dr. Kurt DeMaagd

Proposed Hours Open to Public Per 120-hour Business Week:40
Average Hours Open to Public Per 48-hour Weekend: 5
Proposed Hours Open to Public Per 48-hour Weekend:5

Broadband Workstations:
Current # of Broadband Workstations: 2
Proposed # of Broadband Workstations: 3

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 1.50
Proposed Facility Broadband Connection Speed (MBps): 1.50

# of Persons Served:
# of Persons served per 120-hour business week (current): 30
# of Persons served per 120-hour business week (proposed target): 45
# of Persons served per 48-hour weekend (current): 4
# of Persons served per 48-hour weekend (proposed target): 6

Public Computer Center: Oscoda County Library
Address Line 1:   430 W. Eighth St
Address Line 2:
City : Mio
State: MI
Zip: 48647

Computer Center Name /Type: Oscoda County Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 9418

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 40
Proposed Hours Open to Public Per 120-hour Business Week:40
Average Hours Open to Public Per 48-hour Weekend: 3
Proposed Hours Open to Public Per 48-hour Weekend:3

Broadband Workstations:
Current # of Broadband Workstations: 4
Proposed # of Broadband Workstations: 13

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 1.50
Proposed Facility Broadband Connection Speed (MBps): 1.50

Broadband Technology Opportunities Program
Public Computer Centers Program – Sustainable Adoption Program

Submitted Date: 8/16/2009 7:45:55 PM	**Easygrants ID: 2213**
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	**Applicant Organization:** Michigan State University
Task: Submit Application - Non-Infrastructure Programs	**Applicant Name:** Dr. Kurt DeMaagd

# of Persons Served:
# of Persons served per 120-hour business week (current): 150
# of Persons served per 120-hour business week (proposed target): 490
# of Persons served per 48-hour weekend (current): 12
# of Persons served per 48-hour weekend (proposed target): 39

Public Computer Center: Otsego County Library
Address Line 1:   700 S. Otsego Ave
Address Line 2:
City : Gaylord
State: MI
Zip: 49735

Computer Center Name /Type: Otsego County Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 23301

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 50
Proposed Hours Open to Public Per 120-hour Business Week:50
Average Hours Open to Public Per 48-hour Weekend: 8
Proposed Hours Open to Public Per 48-hour Weekend:8

Broadband Workstations:
Current # of Broadband Workstations: 34
Proposed # of Broadband Workstations: 56

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 3.00
Proposed Facility Broadband Connection Speed (MBps): 3.00

# of Persons Served:
# of Persons served per 120-hour business week (current): 725
# of Persons served per 120-hour business week (proposed target): 1190
# of Persons served per 48-hour weekend (current): 50
# of Persons served per 48-hour weekend (proposed target): 85

Public Computer Center: Aitkin Memorial District Library
Address Line 1:   111 N Howard
Address Line 2:
City : Croswell
State: MI
Zip: 48422

Broadband Technology Opportunities Program
Public Computer Centers Program – Sustainable Adoption Program

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	**Applicant Organization:** Michigan State University
Task: Submit Application - Non-Infrastructure Programs	**Applicant Name:** Dr. Kurt DeMaagd

Computer Center Name /Type: Aitkin Memorial District Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 7333

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 42
Proposed Hours Open to Public Per 120-hour Business Week:42
Average Hours Open to Public Per 48-hour Weekend: 7
Proposed Hours Open to Public Per 48-hour Weekend:7

Broadband Workstations:
Current # of Broadband Workstations: 7
Proposed # of Broadband Workstations: 10

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 6.00
Proposed Facility Broadband Connection Speed (MBps): 6.00

# of Persons Served:
# of Persons served per 120-hour business week (current): 175
# of Persons served per 120-hour business week (proposed target): 250
# of Persons served per 48-hour weekend (current): 50
# of Persons served per 48-hour weekend (proposed target): 70

Public Computer Center: Sandusky District Library
Address Line 1:   55 E Sanilac Rd
Address Line 2:
City : Sandusky Rd
State: MI
Zip: 48471

Computer Center Name /Type: Sandusky District Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 7333

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 45
Proposed Hours Open to Public Per 120-hour Business Week:45
Average Hours Open to Public Per 48-hour Weekend: 5
Proposed Hours Open to Public Per 48-hour Weekend:5

Broadband Workstations:
Current # of Broadband Workstations: 8

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	**Applicant Organization:** Michigan State University
Task: Submit Application - Non-Infrastructure Programs	**Applicant Name:** Dr. Kurt DeMaagd

Proposed # of Broadband Workstations: 12

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 5.00
Proposed Facility Broadband Connection Speed (MBps): 5.00

# of Persons Served:
# of Persons served per 120-hour business week (current): 190
# of Persons served per 120-hour business week (proposed target): 285
# of Persons served per 48-hour weekend (current): 26
# of Persons served per 48-hour weekend (proposed target): 40

Public Computer Center: Deckerville Public Library
Address Line 1: 3452 N Main Street
Address Line 2:
City : Deckerville
State: MI
Zip: 48427

Computer Center Name /Type: Deckerville Public Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 4959

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 20
Proposed Hours Open to Public Per 120-hour Business Week:20
Average Hours Open to Public Per 48-hour Weekend: 4
Proposed Hours Open to Public Per 48-hour Weekend:4

Broadband Workstations:
Current # of Broadband Workstations: 0
Proposed # of Broadband Workstations: 2

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 12.00
Proposed Facility Broadband Connection Speed (MBps): 12.00

# of Persons Served:
# of Persons served per 120-hour business week (current): 0
# of Persons served per 120-hour business week (proposed target): 25
# of Persons served per 48-hour weekend (current): 0
# of Persons served per 48-hour weekend (proposed target): 10

Broadband Technology Opportunities Program
Public Computer Centers Program – Sustainable Adoption Program

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	Applicant Organization: Michigan State University
Task: Submit Application - Non-Infrastructure Programs	Applicant Name: Dr. Kurt DeMaagd

Public Computer Center: Moore Public Library
Address Line 1: 7239 Huron Ave
Address Line 2:
City : Lexington
State: MI
Zip: 48450

Computer Center Name /Type: Moore Public Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 5125

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 60
Proposed Hours Open to Public Per 120-hour Business Week:60
Average Hours Open to Public Per 48-hour Weekend: 12
Proposed Hours Open to Public Per 48-hour Weekend:12

Broadband Workstations:
Current # of Broadband Workstations: 6
Proposed # of Broadband Workstations: 7

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 1.50
Proposed Facility Broadband Connection Speed (MBps): 1.50

# of Persons Served:
# of Persons served per 120-hour business week (current): 135
# of Persons served per 120-hour business week (proposed target): 160
# of Persons served per 48-hour weekend (current): 12
# of Persons served per 48-hour weekend (proposed target): 14

Public Computer Center: Sanilac District Library
Address Line 1: 7130 Main St
Address Line 2:
City : Port Sanilac
State: MI
Zip: 48469

Computer Center Name /Type: Sanilac District Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 4545

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 40

Broadband Technology Opportunities Program
Public Computer Centers Program – Sustainable Adoption Program

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	Applicant Organization: Michigan State University
Task: Submit Application - Non-Infrastructure Programs	Applicant Name: Dr. Kurt DeMaagd

Proposed Hours Open to Public Per 120-hour Business Week:40
Average Hours Open to Public Per 48-hour Weekend: 4
Proposed Hours Open to Public Per 48-hour Weekend:4

Broadband Workstations:
Current # of Broadband Workstations: 10
Proposed # of Broadband Workstations: 14

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 1.50
Proposed Facility Broadband Connection Speed (MBps): 1.50

# of Persons Served:
# of Persons served per 120-hour business week (current): 250
# of Persons served per 120-hour business week (proposed target): 350
# of Persons served per 48-hour weekend (current): 40
# of Persons served per 48-hour weekend (proposed target): 60

Public Computer Center: Brown City Public Library
Address Line 1:   4207 Main Street
Address Line 2:
City : Brown City
State: MI
Zip: 48416

Computer Center Name /Type: Brown City Public Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 3873

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 30
Proposed Hours Open to Public Per 120-hour Business Week:30
Average Hours Open to Public Per 48-hour Weekend: 4
Proposed Hours Open to Public Per 48-hour Weekend:4

Broadband Workstations:
Current # of Broadband Workstations: 0
Proposed # of Broadband Workstations: 2

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 14.00
Proposed Facility Broadband Connection Speed (MBps): 14.00

Broadband Technology Opportunities Program
Public Computer Centers Program – Sustainable Adoption Program

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	**Applicant Organization:** Michigan State University
Task: Submit Application - Non-Infrastructure Programs	**Applicant Name:** Dr. Kurt DeMaagd

# of Persons Served:
# of Persons served per 120-hour business week (current): 0
# of Persons served per 120-hour business week (proposed target): 50
# of Persons served per 48-hour weekend (current): 0
# of Persons served per 48-hour weekend (proposed target): 10

Public Computer Center: Rawson Memorial District Library
Address Line 1:   6495 Pine Street
Address Line 2:
City : Cass City
State: MI
Zip: 48726

Computer Center Name /Type: Rawson Memorial District Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 9140

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 52
Proposed Hours Open to Public Per 120-hour Business Week:52
Average Hours Open to Public Per 48-hour Weekend: 7
Proposed Hours Open to Public Per 48-hour Weekend:7

Broadband Workstations:
Current # of Broadband Workstations: 13
Proposed # of Broadband Workstations: 17

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 4.00
Proposed Facility Broadband Connection Speed (MBps): 4.00

# of Persons Served:
# of Persons served per 120-hour business week (current): 400
# of Persons served per 120-hour business week (proposed target): 525
# of Persons served per 48-hour weekend (current): 100
# of Persons served per 48-hour weekend (proposed target): 130

Public Computer Center: Mayville District Public Library
Address Line 1:   6090 Fulton
Address Line 2:
City : Mayville
State: MI
Zip: 48744

Broadband Technology Opportunities Program
Public Computer Centers Program – Sustainable Adoption Program

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	**Applicant Organization:** Michigan State University
Task: Submit Application - Non-Infrastructure Programs	**Applicant Name:** Dr. Kurt DeMaagd

Computer Center Name /Type: Mayville District Public Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 5428

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 34
Proposed Hours Open to Public Per 120-hour Business Week:34
Average Hours Open to Public Per 48-hour Weekend: 4
Proposed Hours Open to Public Per 48-hour Weekend:4

Broadband Workstations:
Current # of Broadband Workstations: 10
Proposed # of Broadband Workstations: 12

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 1.50
Proposed Facility Broadband Connection Speed (MBps): 1.50

# of Persons Served:
# of Persons served per 120-hour business week (current): 140
# of Persons served per 120-hour business week (proposed target): 165
# of Persons served per 48-hour weekend (current): 40
# of Persons served per 48-hour weekend (proposed target): 55

Public Computer Center: Reese Unity District Library
Address Line 1:   2065 Gates St
Address Line 2:
City : Reese
State: MI
Zip: 48757

Computer Center Name /Type: Reese Unity District Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 6295

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 42
Proposed Hours Open to Public Per 120-hour Business Week:42
Average Hours Open to Public Per 48-hour Weekend: 4
Proposed Hours Open to Public Per 48-hour Weekend:4

Broadband Workstations:
Current # of Broadband Workstations: 0

Broadband Technology Opportunities Program
Public Computer Centers Program – Sustainable Adoption Program

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	Applicant Organization: Michigan State University
Task: Submit Application - Non-Infrastructure Programs	Applicant Name: Dr. Kurt DeMaagd

Proposed # of Broadband Workstations: 4

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 1.50
Proposed Facility Broadband Connection Speed (MBps): 1.50

# of Persons Served:
# of Persons served per 120-hour business week (current): 0
# of Persons served per 120-hour business week (proposed target): 100
# of Persons served per 48-hour weekend (current): 0
# of Persons served per 48-hour weekend (proposed target): 15

Public Computer Center: Fairgrove District Library
Address Line 1:   1959 Main St
Address Line 2:
City : Fairgrove
State: MI
Zip: 48733

Computer Center Name /Type: Fairgrove District Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 3398

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 37
Proposed Hours Open to Public Per 120-hour Business Week:37
Average Hours Open to Public Per 48-hour Weekend: 5
Proposed Hours Open to Public Per 48-hour Weekend:5

Broadband Workstations:
Current # of Broadband Workstations: 0
Proposed # of Broadband Workstations: 4

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 20.00
Proposed Facility Broadband Connection Speed (MBps): 20.00

# of Persons Served:
# of Persons served per 120-hour business week (current): 0
# of Persons served per 120-hour business week (proposed target): 100
# of Persons served per 48-hour weekend (current): 0
# of Persons served per 48-hour weekend (proposed target): 25

Broadband Technology Opportunities Program
Public Computer Centers Program – Sustainable Adoption Program

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	**Applicant Organization:** Michigan State University
Task: Submit Application - Non-Infrastructure Programs	**Applicant Name:** Dr. Kurt DeMaagd

Public Computer Center: Columbia Township Library
Address Line 1: 6456 Center Street
Address Line 2:
City : Unionville
State: MI
Zip: 48767

Computer Center Name /Type: Columbia Township Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 2555

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 34
Proposed Hours Open to Public Per 120-hour Business Week:34
Average Hours Open to Public Per 48-hour Weekend: 4
Proposed Hours Open to Public Per 48-hour Weekend:4

Broadband Workstations:
Current # of Broadband Workstations: 0
Proposed # of Broadband Workstations: 2

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 12.00
Proposed Facility Broadband Connection Speed (MBps): 12.00

# of Persons Served:
# of Persons served per 120-hour business week (current): 0
# of Persons served per 120-hour business week (proposed target): 50
# of Persons served per 48-hour weekend (current): 0
# of Persons served per 48-hour weekend (proposed target): 15

Public Computer Center: Van Buren District Library
Address Line 1:   200 N Phelps Street
Address Line 2:
City : Decatur
State: MI
Zip: 49045

Computer Center Name /Type: Van Buren District Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 44711

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 48

Broadband Technology Opportunities Program
Public Computer Centers Program – Sustainable Adoption Program

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	Applicant Organization: Michigan State University
Task: Submit Application - Non-Infrastructure Programs	Applicant Name: Dr. Kurt DeMaagd

Proposed Hours Open to Public Per 120-hour Business Week:48
Average Hours Open to Public Per 48-hour Weekend: 6
Proposed Hours Open to Public Per 48-hour Weekend:6

Broadband Workstations:
Current # of Broadband Workstations: 45
Proposed # of Broadband Workstations: 69

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 7.00
Proposed Facility Broadband Connection Speed (MBps): 7.00

# of Persons Served:
# of Persons served per 120-hour business week (current): 1000
# of Persons served per 120-hour business week (proposed target): 1600
# of Persons served per 48-hour weekend (current): 270
# of Persons served per 48-hour weekend (proposed target): 400

Public Computer Center: Hartford Public Library
Address Line 1:   15 Franklin St
Address Line 2:
City : Hartford
State: MI
Zip: 49057

Computer Center Name /Type: Hartford Public Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 6366

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 40
Proposed Hours Open to Public Per 120-hour Business Week:40
Average Hours Open to Public Per 48-hour Weekend: 4
Proposed Hours Open to Public Per 48-hour Weekend:4

Broadband Workstations:
Current # of Broadband Workstations: 10
Proposed # of Broadband Workstations: 14

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 1.50
Proposed Facility Broadband Connection Speed (MBps): 1.50

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	**Applicant Organization:** Michigan State University
Task: Submit Application - Non-Infrastructure Programs	**Applicant Name:** Dr. Kurt DeMaagd

# of Persons Served:
# of Persons served per 120-hour business week (current): 10
# of Persons served per 120-hour business week (proposed target): 270
# of Persons served per 48-hour weekend (current): 40
# of Persons served per 48-hour weekend (proposed target): 60

Public Computer Center: Traverse Area District Library
Address Line 1: 610 Woodmere
Address Line 2:
City : Traverse City
State: MI
Zip: 49686

Computer Center Name /Type: Traverse Area District Library
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 86000

Hours Open to Public:
Average Hours Open to Public Per 120-hour Business Week: 57
Proposed Hours Open to Public Per 120-hour Business Week:57
Average Hours Open to Public Per 48-hour Weekend: 14
Proposed Hours Open to Public Per 48-hour Weekend:14

Broadband Workstations:
Current # of Broadband Workstations: 54
Proposed # of Broadband Workstations: 69

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 5.00
Proposed Facility Broadband Connection Speed (MBps): 5.00

# of Persons Served:
# of Persons served per 120-hour business week (current): 1000
# of Persons served per 120-hour business week (proposed target): 1250
# of Persons served per 48-hour weekend (current): 700
# of Persons served per 48-hour weekend (proposed target): 900

16. PCC- SBA Population Demographics

Broadband Technology Opportunities Program
Public Computer Centers Program – Sustainable Adoption Program

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	Applicant Organization: Michigan State University
Task: Submit Application - Non-Infrastructure Programs	Applicant Name: Dr. Kurt DeMaagd

Age Distribution

Age Distribution: 5-19

Age Distribution: 20-29

Age Distribution: 30-39

Age Distribution: 40-49

Age Distribution: 50-59

Age Distribution: 60-69

Age Distribution: 70 and above

Ethnicity or ethnicities

Ethnicity: Hispanic

Ethnicity: Non-Hispanic White

Ethnicity: Non-Hispanic Black

Ethnicity: Non-Hispanic American Indian

Ethnicity: Non-Hispanic Asian

Ethnicity: Non-Hispanic Hawaiian or Pacific Islander

Ethnicity: Non-Hispanic Other

Ethnicity: Two or More Races

Gender

Gender: Female

Gender: Male

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	**Applicant Organization:** Michigan State University
Task: Submit Application - Non-Infrastructure Programs	**Applicant Name:** Dr. Kurt DeMaagd

Median Household Income
Median Household Income: $25,000 - $34,999
Median Household Income: $35,000 - $49,999
Median Household Income: $50,000 - $74,999

Educational Levels
Educational Levels: None
Educational Levels: Nursery school - Preschool
Educational Levels: Elementary - Kindergarten - Grade 5
Educational Levels: Middle - Grade 6 to Grade 8
Educational Levels: Secondary - Grade 9 to Grade 12
Educational Levels: College
Educational Levels: Masters
Educational Levels: Doctorate/Post-Doctorate

Disabilities status
Disabilities status : Blindness, Deafness or a severe vision or hearing impairment
Disabilities status : A condition that substantially limits one or more basic physical activities such as walking, climbing stairs, reaching, lifting or carrying
Disabilities status : A physical, mental or emotional condition lasting 6 months or more

Broadband Technology Opportunities Program
Public Computer Centers Program – Sustainable Adoption Program

Submitted Date: 8/16/2009 7:45:55 PM	Easygrants ID: 2213
Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	Applicant Organization: Michigan State University
Task: Submit Application - Non-Infrastructure Programs	Applicant Name: Dr. Kurt DeMaagd

Unemployment Rate
Unemployment Rate: 15.20

Language
Language : English - Primary

17. Public Computer Centers Outreach

The outreach program will be designed to reach two types of constituents. The first group is unemployed workers who can use the library resources to file their claims, search for jobs and use the training resources. The second group is families who may wish to take advantage of the new broadband capacity, such as for educational games for children.

In both cases, there are existing systems to communicate with the target constituencies. For the unemployed, we will work with the local Michigan Works organization, which is the primary government workforce development agency in Michigan. They have some computing center capacity of their own which they will be able to use to access educational/retraining materials, but they already send their overflow demand to local libraries. The added library capacity will help further relieve the strain on their capacity.

The other outreach mechanism is through the normal library communication systems. The libraries have existing newsletters, local promotions, and ties with schools. We will use these to advertise the additional capacity and resources available in the computer centers.

We will also tie the outreach for this proposal into the mechanisms of our parallel sustainable adoption proposal.

In this way, we can leverage the existing networks of community connections to market the additional resources with no additional cost.

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18. Public Computer Centers Peripherals and Equipment
    Computing
        Desktop computers and monitors
                LAN card
                Web cam
                Headset port (for hygiene purposes, patrons must bring/buy their own headset)
        Laptop computers (in cases where insufficient lab space is available)
                Wireless network
                Web cam
                Headset port
Printing & Scanning
        Black & White laser printer
                With network card
        Color laser printer
                With network Card
        Scanner
                Attached to a computer
Networking gear
        Switches
        Wireless access points
        Firewall
        Ethernet cable

19. Public Computer Centers Workstation Software
    Productivity Suite
        Microsoft Office
        Open Office
        Acrobat reader
Web Browsers
        Internet Explorer
        Firefox
Media Players
        Windows media player

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        Quicktime
Other utilities
        WinZip
        Virus scanner
        CD/DVD burner
        Web filtering tools (exact package will vary from center to center)
Training information
        Materials as developed under sustainable adoption proposal
        Materials available under MeL (www.mel.org)

20. Public Computer Centers Training and Education Programs

Our training program will have two components: 1) the internship component training college students in the technical and management issues of setting up computer centers, and 2) the training delivered using the computer center as a platform.

Internships

As part of Michigan State University's Information and Communication Technology for Development (ICTD) initiative, we require students in the ICTD specialization to have a hands-on fieldwork experience. These ICTD students will be responsible for the initial testing and configuration of the machines, the deployment of the machines in the local library, and providing a first round of training for librarians and patrons. This will give the students additional experience and an opportunity to apply the theoretical classroom learning. In addition, our prior experience has shown that these student-teachers are often very effective instructors, especially when working with users with little or no computer background.

Training Delivery

These computers will also expand the libraries' capacity to delivery technology and other training classes. They already have a wealth of educational materials through existing resources, such as the Michigan e-Library and local educational applications. The local librarians also run training classes that range from the use of online business resources to introductory computer classes. The additional seats from these new computers will enable a larger number of patrons to take these classes.

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In addition, as part of our sustainable adoption proposal, we will be hiring local community college faculty to teach classes at the library, we will conduct additional training workshops with the libraries, and we will be greatly expanding the online training resources available. For more details on the education program, please see our sustainable adoption proposal.

E-2- Project Benefits – Sustainable BroadBand Adoption

21. Innovative Approach to Sustainable Broadband Adoption

22. Sustainable Broadband Adoption Household Subscribers.
How many total new home subscribers (household accounts) to   broadband do you expect to generate through use of BTOP funds over the entire life of the program funded?

23. Sustainable Broadband Adoption Institutional Subscribers.
How many total new business and/or institutional subscribers to broadband do you expect to generate through use of BTOP funds over the entire life of the program funded?

24. Sustainable Broadband Adoption Users of Public Access Facilities.
How many total **users** of broadband in public computer centers or **users** of broadband **outside the home** (e.g., in a community college) do you expect to generate through use of BTOP funds over the entire life of the program funded?

25. Sustainable Broadband Adoption Population Demographics.
Please refer to PCC – SBA Demographics section (Section E1- Question 17)

26. Sustainable Broadband Adoption People Trained/Educated.
If you intend to provide training or education, how many people **in total** will your program(s) reach?

27. Sustainable Broadband Adoption - Scope of Training/Education Programs.
How many hours of training do you expect to provide *per person on average* for each participant in your training program(s), through completion of training for that individual? If you will offer multiple programs, provide estimates for each program.

28. Sustainable Broadband Adoption Instructor Qualifications.
How many (FTE) instructors/facilitators will you employ for broadband and digital literacy training purposes, and what are their qualifications (training and experience)?

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29. Sustainable Broadband Adoption Equipment Purchased.

How many broadband-related equipment units (e.g. computers, wireless devices) do you intend to purchase overall?

30. Sustainable Broadband Adoption Cost of Devices.

What is the total up-front cost of this equipment?

31. Sustainable Broadband Adoption Loan Program Participants.

If you are providing an equipment purchase or loan program, for how many households, businesses and/or institutions do you expect to provide equipment or computers?
Number of Households:
Number of Businesses:
Number of Institutions:

32. Sustainable Broadband Adoption Loan Cost to Borrower.

If you are employing a loan program for purchases of service or equipment, what will be the total cost to the typical customer you assist over the life of the loan, including all interest and fees?

33. Sustainable Broadband Adoption Target Population, Awareness Campaign.

If you are conducting an awareness campaign, how many people do you expect your campaign will reach?

34. Sustainable Broadband Adoption Awareness Campaign Methods

35. Measuring Campaign Impact for Sustainable Broadband Adoption

36. Sustainable Broadband Adoption Total Cost Per New Subscriber.

What is the total cost of your project per new subscriber (household, individual, or institutional) or new end-user?

F. Project Viability

Technical Viability

37. Technology Strategy
37 - A. Public Computer Center Technology Strategy
Given the limited resources and high demand for additional or upgraded computing resources among computer centers in Michigan, we have chosen to focus on the "low hanging fruit" for this proposal. In particular, we are implementing a plan to graft the additional capacity onto existing facilities with no additional construction and minimal additional network wiring needed.

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This created a constraint in that the libraries only had approximately half of the necessary free space to place the needed computers. To work around this problem, we are using a hybrid model of desktop workstations and laptop computers that can be used anywhere within the library.

For the desktop workstations, we will provide network access by attaching the new computers to the existing network. In most cases, this will merely require the addition of a higher capacity switch. The existing electrical systems will be sufficient for the additional computing capacity. In addition, attached to this wired network, we will attach networked printers and have a computer station with an attached scanner. All of these workstations will have jacks for microphones for patrons who wish to listen to music, watch movies, or otherwise use multimedia applications.

In cases where there is insufficient space or the electrical system would not be able to safely handle additional load, we will use a system of laptop computers. This will require the installation of wireless networks throughout the building. Then patrons will be able to use other seating spaces throughout the library. This wireless network will also connect with the main network to allow wireless access to the printers. This wireless network will also be accessible to patrons who choose to bring in their own laptops to work in the library.

These networks will be segmented from the network for the staff computers and other devices necessary for the library operations. This is both for network management issues and to ensure the privacy of patron records.

Each library will also have a firewall to protect it from outside intrusion and to protect staff systems from malicious attacks by patrons within the library.

As the privacy concerns of the patrons is of great value to the librarians, the logging of computer use at the library will not be attached to a given patron name or account. Instead, only aggregate data will be collected and analyzed to understand general demand usage patterns and to support the continuous improvement of the services provided. The system will, however, be configured to allow some network management to prevent the overuse/abuse of a small number of patrons from crippling the entire network.

37 - B. Sustainable Broadband Adoption Technology Strategy

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Organizational Capability

38. Management Team Resumes.
Please refer to upload section at the end of document.

39. Organizational Readiness
Michigan State University, as a major land-grant research university, is well positioned to conduct a research program on the scale and scope described in this proposal. In the 2007-2008 academic year, we managed $376 million in externally funded research projects, including projects from the National Science Foundation, the U.S. Department of Health and Human Services, the National Institutes of Health, and the U.S. Department of Agriculture. To manage these grants, the university has built up substantial capacity manage and implement the project. Some of these resources include:

Contracts and Grants Administration: Provides financial and contract support for grants, including ensuring that all grants are administered according to the university and sponsor's regulations.

Office of the Vice President of Legal Affairs: Handles or supervises all legal work for the university, including internal matters and supervising outside counsel providing legal services.

Human Research Protection Program: Provides support in the form of training, peer review, and expert advice in issues regarding the safe and ethical application of research.

MSU Extension: The extension service has offices in all 83 counties in the state to provide practical, university-based knowledge. This network provides a particularly high level of integration with the entire state. MSU is the only university in the state with this capacity.

MSU Global: Extends academic and professional degree and certificate programs via MSU Global to off-campus learners, with more than 13,000 enrollments in 29 degree and certificate programs. We have an established history of off-campus and online education.

The department of Telecommunication, Information Studies, and Media has an established

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history of working with broadband in rural development.

USDA and Kellogg Foundation Projects: Through these projects, we have an established history of working with rural broadband projects in Michigan.

Information and Communication Technology for Development: The ICTD initiative is a project which provides our students with hands-on experience in deploying and using broadband technologies in rural areas ranging from Michigan to Tanzania.

40. Organizational Chart.
Please refer to upload section at the end of document.

Community Involvement

41. Key Partners
ACD.net
Contact: Eric Schoen
Schoen.eric@acd.net
Role: Coordinate with infrastructure proposal
Letter of support included with Sustainable Adoption proposal.

Air Advantage
Contact: Scott Zimmer
szimmer@airadvantage.net
Role: Coordinate with infrastructure proposal
Letter of support included with Sustainable Adoption proposal.

Azulstar
Contact: Chris Borek
chrisb@azulstar.com
Role: Coordinate with infrastructure proposal
Letter of support included with Sustainable Adoption proposal.

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Bloomingdale Communications
Contact: Mark Bahnson, General Manager
markb@bloomingdalecom.net
Role: Coordinate with infrastructure proposal
Letter of support included with Sustainable Adoption proposal.

Casair
Contact: Steve Meinhart
steve@casair.net
Role: Coordinate with infrastructure proposal
Letter of support included with Sustainable Adoption proposal.

Library of Michigan
Contact: Sheryl Mase, Statewide Services Directory
mases@michigan.gov
Role: Coordination with libraries
NOTE: The full list of collaborating libraries could not be included due to space constraints. Therefore, we are only attaching a sample of the letters of support from the several library coops and libraries. A full list of libraries and the letters of support are available upon request.

Marquette Housing Commission
Contact: Bonnie Pelto
bjpmhc@chartermi.net
Role: Coordinate with Marquette public housing facilities
NOTE: The full list of collaborating public housing facilities could not be included due to space constraints. Therefore, we are only attaching the letter of support from the MHC. A full list of public housing facilities and letters of support are available upon request.

Merit
Contact: Don Welch
Don.welch@merit.edu
Role: Coordinate with infrastructure proposal
Letter of support included with Sustainable Adoption proposal.

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Michigan Department of Information Technology
Contact: Eric Swanson, Director, Center for Shared Solutions
swansone@michigan.gov
Role: Coordination with Michigan State vision and with broadband providers
Letter of support attached

Michigan Economic Development Corporation
Contact: Amy Banninga, Economic Recovery Coordinator
banningaa1@michigan.org
Role: Coordinating economic development activities with MEDC and use network of economic development agents
Letter of support included with Sustainable Adoption proposal.

Michigan Public Service Commission
Contact: Susana Woolcock, Telecommunication Division
Woolcocks1@michigan.gov
Role: Coordination with MPSC and mapping initiatives
Letter of support included with Sustainable Adoption proposal.

Zing
Contact: Tolly Marcus
tmarcus@getzing.com
Role: Coordinating with planned broadband deployment
Letter of support included with Sustainable Adoption proposal.

42. Partnering with Disadvantaged Businesses

Ability to Start Promptly & Timeline

43. Project Timeline and Challenges
    Timeline

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We plan to implement this project in three waves: southern Michigan, northern Michigan, and the upper peninsula of Michigan. These three waves are chosen by the expected corresponding evolution of the available bandwidth to be deployed in Michigan. By moving from the most developed to least developed regions, we will reduce the changes that our computer center deployment will "outrun" the expected broadband infrastructure deployment.

The general template for all three waves will be the same. Each wave will take approximately 6 months to implement. This gives the total project an 18 month/1.5 year timeframe.

Month 1: Visit libraries to confirm reported space availability/constraints and identify any other implementation issues
Month 2: Purchase hardware for implementation
Months 3-5: Send student/faculty teams to implement computer centers and have students conduct training
Months 4-6: Perform 1-month follow-up reviews and do second round of training if desired by local library

The following libraries will be covered in the first phase, December 2009 to May 2010: Huron, Oakland, Sanilac, Tuscola, Van Buren

The following libraries will be covered in the second phase, June 2010 to November 2010: Clare, Gladwin, Grand Traverse, Leelanau, Oscoda, Otsego

The following libraries will be covered in the third phase, December 2010 to June 2011: Chippewa, Gogebic, Marquette, Menominee,

Note that there are fewer counties in the third phase, but the distances and sparse populations will require a longer period of time to implement the projects.

Challenges

One of the greatest challenges is that the expected broadband deployments will not reach our targeted libraries. Although that would reduce the total value of the computer centers, we will

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do our best to mitigate such problems. For example, although several infrastructure providers have plans to bring 20Mbit connections or greater to most of the libraries in this proposal, many currently only have T1 access. In such an event, we can adjust our computer center configuration and substitute a caching proxy server for one of the desktop machines. This would help speed the access to some of the rich media educational resources at a minimal cost to the computing capacity of the center.

The second risk is in using student labor to deploy these systems. This has an added element of risk in that the faculty for this project will primarily step back and allow the students to manage the project. Although this is rational to maximize the learning experience, it does create added risks. Yet, the faculty members have a history of working on projects such as this, including projects in rural Africa where the resources and timelines become even more challenging. This experience will help us identify when it is necessary to step in to keep the project on track and when it is wise to step back and let the students learn. In addition, the timeline identified above requires only 18 of the possible 24 months allowed by the grant guidelines. As a result, small scheduling slippage should not fundamentally affect our ability to complete the project within the required timeframe.

44. Non-Infrastructure Projects - Licenses and Regulatory Approvals

45. Legal Opinion.
Please refer to upload section at the end of document.

G. Project Budget & Sustainability
Project Profile: Budget and Budget Narrative

46. Budget Narrative
Michigan State University receives annual funding from tuition & fees, endowments, and State appropriations (the latter of which have been slashed, a result of the State's depressed economy). These revenues are dedicated almost entirely to University operations. This includes salaries of academic and administrative staff, as well as non-salary funds dedicated to University infrastructure, maintenance, supplies and services. Unlike a private company, MSU does not invest in ventures such as that proposed here in order to realize a profit. Rather, MSU leverages external funding for research and outreach. It serves as a liaison and conduit to

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deploy funds locally and to help those throughout the State.

The work scope described in this proposal will require a budget in excess of $1 million. Personnel costs will be almost entirely cost-shared, but the vast majority of costs are for computer and network supplies, which alone will cost over $700,000. Though Michigan State University is the official grantee, projects such as this are managed at a departmental level. The MSU Department of Telecommunications, Information Studies and Media, which supports the faculty dedicated to this project, has only enough supplies and services budget to sustain regular operations –approximately $92,000 for the current fiscal year. But resources simply are not available to fund an entire effort of this magnitude.

47. Non-Infrastructure Projects - Budget Reasonableness
   Salaries

The salary requirements for this proposal are minimal. Dr. DeMaagd is committing 5% of time for general project coordination. This is contributed as in-kind. The remaining work will be performed by students and overseen by their instructors as part of their regular course load. This model ensures a dedicated group of students working on the project, while also providing some continuity through the faculty members' time and Dr. DeMaagd's oversight.

Hardware

Hardware will be purchased through the university using the existing purchasing processes. One of Michigan State University's advantages is that its large size, educational and tax-exempt status enables us to pay below market prices for most computer hardware.

All prices are as determined by the university's Computer Store or purchasing venues as appropriate. All purchases will be run through the standard university purchasing channels to ensure a reasonable budget.

Travel

The travel costs of $8,128 cover prevailing MSU and Federal rates for mileage, per diem and lodging. It is requested for the student teams traveling to the sites to install the hardware.

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48. Demonstration of Financial Need

Michigan State University, like most major state Universities, receives virtually all of its funding from tuition & fees, endwoments and State Appropriations. These revenues support the University in its missions, consisting of instruction/curricula, community service and research. In recent years, State appropriations to MSU have been slashed drastically; individual departments such as Telecommunication, Information Studies and Media (TISM), which houses the faculty member taking part on this proposal (Dr. DeMaagd), is in the midst of several years of recurring budget cuts. Next fiscal year (2010-2011) will also feature a substantial budget cut.

This proposal work scope will require a budget in excess of $1 million; MSU and its community partners will contribute cash and in-kind effort valued at $189,518. But resources simply are not available to fund an entire effort of this magnitude. faculty are charged with teaching 40% time, research 40% time and administrative and other duties 20% time. Dr. DeMaagd very research active, and has ongoing grants that he devotes time to. He is at the limit to what he can reasonably cost-share. With regard to the supply and travel costs contained in this budget, University departments such as TISM are allocated a small portion of funding for Supplies, Services and Equipment, and Travel. Only 4%, or $92,000 of the 2009-2010 TISM budget is set aside for these items, and those funds are appropriated to support day-to-day operations.

49. Historical Financial Statements.

Please refer to upload section at the end of document.

Project Profile: Long Term Sustainability

50. Sustainability.

51 - A. Public Computer Center Sustainability

In the late 1990's and early 2000's, as libraries began to substantially expand their computing capacity, it became quite common for libraries to rely on grants to fund computer purchases and upgrades. Yet, because this funding model was not sustainable, the Library of Michigan, which also coordinated those grant application processes, began pressuring individual libraries throughout Michigan to include computing expenses in their standard

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budget.

Today, this is a widely held practice. As evidence, the cost match contribution of the libraries to this program is coming from this portion of their budget. Although the libraries have budgeted for sustainable computing, the surge in demand due to unemployment has far exceeded these budgets. Hence, this grant is necessary to realign supply and demand. Nonetheless, as noted in the letters of support, the libraries involved are including funds in their annual budgets to maintain the new hardware.

In addition, the training services offered by the librarians are now considered a normal part of their operating procedures. This grant is designed to expand the computing capacity of the libraries so that their staff can reach more consumers. This is evidenced by the lack of a request for salaries to pay for trainers in this budget. The training by the librarians is not exceptional to this program and will continue to operate after the end of this grant period.

In general, this program is designed to realign the computing capacity of Michigan's libraries with the recent surge in demand from the recession. It will make their existing activities, such as training and providing online information resources, more efficient and will enable them to reach a larger audience. Because these activities are already part of their normal operations, the project is very sustainable.

51 - B. Sustainable Broadband Adoption Sustainability

Project Profile: Outside Leverage

51. Matching Funds.
 Please refer to upload section at the end of document.

52. Unjust Enrichment
 Michigan State University has neither received nor applied for any other Federal funds for non-recurring costs required by this project.

53. Disclosure of Federal and/or State Funding Sources

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Michigan State University received a 2008 award of $500,000 from the USDA that funded the pilot studies upon which this proposal is based. This proposal leverages and expands upon the knowledge derived from the USDA work, which used online social networking to forge new social ties between youth and entrepreneurs to enhance the social capital of both groups and the communities they live in.

54. Buy American.

Is the applicant seeking an individual waiver of the Buy American provision?
No

Buy American Waiver Request Explanation

H. DOC Environmental Checklist

55. SECTION 1 – Please refer to upload section at the end of document.

I. Compliance and Certification

56. Certification and signature.

Please refer to upload section at the end of the document.

Broadband Technology Opportunities Program
Public Computer Centers Program – Sustainable Adoption Program

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Uploads

The following pages contain the following uploads provided by the applicant:

Upload Name
02. Q24 PCC; Q29 SBA - Management Team Resumes
03. Q26 PCC; Q31 SBA - Organization Chart
04. Q27 PCC; Q32 SBA - Key Partners
06. Q35 PCC; Q40 SBA - Historical Financial Statem
08. Environmental Checklist
09. Compliance and Certifications*
10. CD-511 Certification - Lobbying, Upper Tier*
12. SF-424A Budget Information Non-Construction**
13. SF-424B Assurances Non-Construction
17. Legal Opinion*
18. Authentication*

Broadband Technology Opportunities Program
Public Computer Centers Program – Sustainable Adoption Program

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To preserve the integrity of the uploaded document, headers, footers and page numbers have not been added by the system