

QUARTERLY PERFORMANCE PROGRESS REPORT FOR SUSTAINABLE BROADBAND ADOPTION

General Information

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------|
| 1. Federal Agency and Organizational Element to Which Report is Submitted Department of Commerce, National Telecommunications and Information Administration | 2. Award Identification Number 26-43-B10564 | 3. DUNS Number 147738876 |
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4. Recipient Organization

 EASTERN U P INTERMEDIATE SCHOOL DISTRICT 315 ARMORY PL, SAULT SAINTE MARIE, MI 49783-2005

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| 5. Current Reporting Period End Date (MM/DD/YYYY) 12-31-2010 | 6. Is this the last Report of the Award Period? <input type="radio"/> Yes <input checked="" type="radio"/> No |
|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|

7. Certification: I certify to the best of my knowledge and belief that this report is correct and complete for performance of activities for the purposes set forth in the award documents.

| | |
|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| 7a. Typed or Printed Name and Title of Certifying Official Tracy McCord | 7c. Telephone (area code, number and extension) 906-632-3373 |
| | 7d. Email Address tmccord@eup.k12.mi.us |

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| 7b. Signature of Certifying Official Submitted Electronically | 7e. Date Report Submitted (MM/DD/YYYY): 02-22-2011 |
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Project Indicators (This Quarter)

1. Please describe significant project accomplishments completed during this quarter (600 words or less).

Staffing:

The four positions created by the BTOP grant were filled during this quarter. The project director and two technicians began working. The instructional technologist will start in January.

Computing Devices, Cloud Computing, and CIPA Filtering:

Requests for proposals for computing devices, cloud computing, and CIPA filtering solutions were created and dispersed. Dell was selected as the device vendor after a committee used a rubric to analyze the received proposals. The first order for the computing devices was prepared and sent off in late December. Stoneware was chosen as the cloud computing vendor through a rubric based analysis and the first steps in establishing the cloud began. A CIPA filtering bid was not accepted as the one submitted proposal did not completely meet the project criteria.

Cloud computing allows students and teachers to access their files and technology tools from any internet connected devices including cell phones, iPads, etc. Over the three years of the grant, our cloud will allow for the differentiation of tools for groups of learners. For example, middle school students and teachers may need a link to a middle school homework help website while high school students need a link to a different homework help website. The cloud will simplify log ins for students. It can be set up so that a student has to remember one user name and password and that will trigger their other log ins to function automatically. This alone will save much valuable education time for students.

CIPA stands for Children's Internet Protection Act, which is a federal mandate for schools allowing students to use computers. CIPA requires that online content be filtered so that children will be protected from viewing explicit content such as pornography.

Teacher Training:

Teacher professional development materials were created for the first day of training and the first two teacher training sessions were held. Ninety six educators attended.

Establishment of Baseline Data:

The pre-survey was developed and piloted by teachers in the first training sessions. The pre-survey is about home broadband access and subscription and will be revised slightly based on the information gained from the pilot and then used in all community and teacher trainings.

2. Please provide the percent complete for the following key milestones in your project. Write "0" in the Percent Complete column and "N/A" in the Narrative column if your project does not include this activity. If you provided additional milestones in your baseline report, please insert them at the bottom of the table. Figures should be reported cumulatively from award inception to the end of the most recent reporting quarter. Please provide a narrative description if the percent complete is different from the target provided in your baseline plan (300 words or less).

| | Milestone | Percent Complete | Narrative (describe reasons for any variance from baseline plan or any other relevant information) |
|------|------------------------------|------------------|----------------------------------------------------------------------------------------------------|
| 2.a. | Overall Project | 2 | This is on target for our project. |
| 2.b. | Equipment / Supply Purchases | - | Progress reported in Question 4 below |
| 2.c. | Awareness Campaigns | - | Progress reported in Question 4 below |
| 2.d. | Outreach Activities | - | Progress reported in Question 4 below |
| 2.e. | Training Programs | - | Progress reported in Question 4 below |
| 2.f. | Other (please specify): | - | Progress reported in Question 4 below |

3. Please describe any challenges or issues faced during this past quarter in achieving planned progress against the project milestones listed above. In particular, please identify any areas or issues where technical assistance from the BTOP program may be useful (600 words or less).

none

4a. In the chart below, please provide the requested information on your BTOP grant-funded SBA activities. Please also provide a short description of the activity (600 words or less). Figures should be reported cumulatively from award inception to the end of the most recent reporting quarter. Please ensure that the numbers of new household subscribers and business or community anchor institution (CAI) subscribers reflected in the "Total" row represent the unduplicated number of new subscribers that can be attributed to your SBA project as

| a whole. | | | | | | |
|------------------------------------------------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------------|-----------------------------|-----------------------------------------|
| Name of the SBA Activity | Location of SBA Activity | Description of Activity (600 words or less) | Size of Target Audience | Actual Number of Participants | New Subscribers: Households | New Subscribers: Businesses and/or CAIs |
| teacher professional development (outreach activity) | Sault Ste. Marie HS | Teachers piloted the pre-survey about home broadband subscription and then teachers received their first BTOPI training in one to one computing. Extending education from school to home with one to one computing is a foundational vector of our plan, so training teachers is the first step in increasing residential broadband subscription. | 90 | 82 | 0 | 0 |
| teacher professional development (outreach activity) | DeTour School | Teachers piloted the pre-survey about home broadband subscription and then teachers received their first BTOPI training in one to one computing. Extending education from school to home with one to one computing is a foundational vector of our plan, so training teachers is the first step in increasing residential broadband subscription. | 17 | 14 | 0 | 0 |
| Total: | | | 107 | 96 | 0 | 0 |

4b. Please describe your method for determining the number of households, businesses, and/or (CAIs) subscribing to broadband as a result of your SBA programs (600 words or less).

Since this was the first training event and it was held December 20, right at the end of the quarter and just before a holiday, it seems logical to assume that any increase in residential broadband subscription would occur in the next quarter.

4c. Please provide a narrative explanation if the total number of new subscribers is different from the targets provided in your baseline plan (600 words or less).

We met our baseline plan.

4d. Please provide the number of households and the number of businesses and CAIs receiving discounted broadband service as result of BTOPI funds.

Households: 0

Businesses and CAIs : 0

Project Indicators (Next Quarter)

1. Please describe significant project accomplishments planned for completion during the next quarter (600 words or less).

Staffing:

The instructional technologist will start working, which will complete the planned hiring for the grant.

Computing Devices, Cloud Computing, and CIPA Filtering:

The devices will be ordered and rolled out to the students. The basic cloud will be available at rollout. In future quarters the cloud will be refined, but the goal is to have a functional, basic cloud in operation at rollout. A CIPA filtering solution must be found prior to handing netbooks to students.

Teacher Training:

The first day of teacher training will be completed by teachers educating students receiving computing devices. The second day of teacher training will be designed and delivered to districts, but probably not all districts during this quarter.

Establishment of Baseline Data:

The pre-survey will be completed by parents of students receiving netbooks through the grant and by teachers during their first day of training. Internet service providers will be asked to provide baseline subscription data. School principals will provide quantitative data about technology use in secondary classrooms prior to netbook implementation.

Community Training:

The first community training event will be held as part of the rollout of the netbooks. Parents will be asked to attend a meeting. The meeting will include information about broadband adoption, internet safety for students, and future community training events.

2. Please provide the percent complete anticipated for the following key milestones in your project as of the end of the next quarter. Write "0" in the second column if your project does not include this activity. If you provided additional milestones in your baseline report, please insert them at the bottom of the table. Figures should be reported cumulatively from award inception to the end of the next reporting quarter. Please provide a narrative description if the planned percent complete is different from the target provided in your baseline plan (300 words or less).

| | Milestone | Percent Complete | Narrative (describe reasons for any variance from baseline plan or any other relevant information) |
|------|--------------------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2.a. | Overall Project | 72 | The bulk of the supply budget will be spent on computing devices for students during the next quarter. Therefore, the percent complete, based on budget spent jumps tremendously from 2 percent in the previous quarter to 76 percent. We will still have much work to do in the subsequent training phase of our program. |
| 2.b. | Equipment Purchases | - | Milestone Data Not Required |
| 2.c. | Awareness Campaigns | - | Milestone Data Not Required |
| 2.d. | Outreach Activities | - | Milestone Data Not Required |
| 2.e. | Training Programs | - | Milestone Data Not Required |
| 2.f. | Other (please specify): | - | Milestone Data Not Required |

3. Please describe any challenges or issues anticipated during the next quarter that may impact planned progress against the project milestones listed above. In particular, please identify any areas or issues where technical assistance from the BTOP program may be useful (600 words or less).

If the CIPA filtering solution is not found soon, it could delay the rollout of computing devices. Filtering solutions are currently being tested by the computer technicians. The challenge is to find CIPA protection that extends to the home environment. The challenge is finding the right filter to work with or replace the CIPA filtering equipment that is currently in place at the various school districts where students will be receiving BTOP computing devices. Four different products are currently undergoing testing, two of which look promising.

Sustainable Broadband Adoption Budget Execution Details

Activity Based Expenditures (Sustainable Broadband Adoption)

1. Please provide details below on your total budget, cumulative actual expenditures (for the period ending the current quarter), and cumulative anticipated expenditures (for the period ending next quarter) for each line item, including detailed disbursements of both matching funds and federal funds from project inception through end of this quarter (actual) or next quarter (anticipated). Actual and anticipated figures should be reported cumulatively from award inception to the end of the applicable reporting quarter.

| Budget for Entire Project | | | | Actuals from Project Inception through End of Current Reporting Period | | | Anticipated Actuals from Project Inception through End of Next Reporting Period | | |
|-----------------------------------------------------|-------------------|-----------------------|----------------------|------------------------------------------------------------------------|----------------|---------------|---------------------------------------------------------------------------------|----------------|---------------|
| Cost Classification | Total Cost (plan) | Matching Funds (plan) | Federal Funds (plan) | Total Cost | Matching Funds | Federal Funds | Total Costs | Matching Funds | Federal Funds |
| a. Personnel | \$604,650 | \$235,050 | \$369,600 | \$18,676 | \$7,673 | \$11,003 | \$57,426 | \$15,423 | \$42,003 |
| b. Fringe Benefits | \$375,059 | \$84,660 | \$290,399 | \$8,523 | \$2,219 | \$6,304 | \$35,219 | \$7,558 | \$27,661 |
| c. Travel | \$75,000 | \$15,000 | \$60,000 | \$2,326 | \$0 | \$2,326 | \$12,326 | \$2,000 | \$10,326 |
| d. Equipment | \$2,827,440 | \$561,600 | \$2,246,400 | \$0 | \$0 | \$0 | \$2,786,400 | \$540,000 | \$2,246,400 |
| e. Supplies | \$28,515 | \$6,975 | \$21,540 | \$0 | \$0 | \$0 | \$25,540 | \$4,000 | \$21,540 |
| f. Contractual | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| g. Construction | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| h. Other | \$48,420 | \$38,564 | \$9,856 | \$15,036 | \$15,000 | \$36 | \$5,227 | \$5,227 | \$0 |
| i. Total Direct Charges (sum of a through h) | \$3,959,084 | \$941,849 | \$2,997,795 | \$44,561 | \$24,892 | \$19,669 | \$2,922,138 | \$574,208 | \$2,347,930 |
| j. Indirect Charges | \$481,860 | \$330,000 | \$151,860 | \$27,063 | \$27,063 | \$0 | \$240,000 | \$140,000 | \$100,000 |
| k. TOTALS (sum of i and j) | \$4,440,944 | \$1,271,849 | \$3,149,655 | \$71,624 | \$51,955 | \$19,669 | \$3,162,138 | \$714,208 | \$2,447,930 |

2. Program Income: Please provide the program income you listed in your application budget and actuals to date through the end of the reporting period.

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|--------------------------------------------------|---------------------------------------|
| a. Application Budget Program Income: \$0 | b. Program Income to Date: \$0 |
|--------------------------------------------------|---------------------------------------|