

RECIPIENT NAME:ZERODIVIDE

AWARD NUMBER: 06-43-B10538

DATE: 05/17/2012

OMB CONTROL NUMBER: 0660-0037

EXPIRATION DATE: 12/31/2013

QUARTERLY PERFORMANCE PROGRESS REPORT FOR SUSTAINABLE BROADBAND ADOPTION

General Information

1. Federal Agency and Organizational Element to Which Report is Submitted Department of Commerce, National Telecommunications and Information Administration	2. Award Identification Number 06-43-B10538	3. DUNS Number 829939854
4. Recipient Organization ZERODIVIDE 425 BUSH ST STE 300, San Francisco, CA 941083721		
5. Current Reporting Period End Date (MM/DD/YYYY) 03-31-2012	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 David Veneziano	7c. Telephone (area code, number and extension)	
	7d. Email Address david@zerodivide.org	
7b. Signature of Certifying Official Submitted Electronically	7e. Date Report Submitted (MM/DD/YYYY): 05-17-2012	

Project Indicators (This Quarter)

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

ZeroDivide's Tribal Digital Village (TDV) Broadband Adoption Program was designed to increase broadband adoption from the 17% baseline usage to 70% (4,800 new broadband users) among members of 19 Native American tribes in rural So. California. This will be accomplished through outreach, public awareness, digital literacy training, content creation and establishment of a sustainable business model for a broadband network. The new TDV Shadow Project will train and mentor community youth to deploy and operate the TDV wireless broadband network as part of this effort. Chief accomplishments this quarter include:

- Solidifying all curriculum and materials for the first classes of the Shadow Project, a broadband communications workforce training program for young people, ages 14-25. Two classes are set to begin on 4/16/12 and 4/22/12 respectively.
- Acquisition of wind powered generators for broadband communications network infrastructure is imminent as TDV has ordered the initial two units for testing. Installation of these units will begin the week of April 16, 2012. This is considered a highly innovative, cutting-edge project that will enable broadband access with green technology.
- Launch of a redesigned website and initial content generated for TDVtoday.com and SCTDV.net. The new web site features improvements in navigation and a broadband user survey tool for visitors.

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	48	See Section 3
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).

Late in Q4 2011 the Tribal Digital Village suffered a major setback with regards to new installations due to the unexpected passing of a key staff member who served as Network Administrator. With that, the restructuring of the network management system in terms of staffing and equipment became a priority and installations were scheduled to resume in early Q1.

As TDV struggled through the immediacy of this event, it has become clear that the management of the network would need to shift from a single staffer managing the entire network to a team management strategy utilizing cross-trained staff and software management systems in order to continue subscription progress. Needless to say this major transition, which included contracting additional staff to keep up with the installation schedule, was nearly overwhelming for TDV's small staff. As a result, actual installations and outreach efforts lagged behind projections for the first quarter.

An additional Q1 challenge was ensuring high quality broadband services. With new subscriptions from late 2011, capacity became over-saturated at radio transmitters and the intermediate relay towers. This issue required TDV staffers to develop new ways to increase bandwidth on the broadband backbone through equipment retrofits and upgrades of the transmitters. Current, next steps to solve the issue include the expansion of capacities to deliver signal to each of the intermediate relays in the system.

With regards to training and awareness activities, a key issue had to do with tribal "cultural expectations" dictating that a meeting is a social gathering which should include food (meals). TDV quickly realized that food is a required incentive to bring audiences to their awareness gatherings and training events. Additionally, TDV determined that other new incentives for attending meetings, such as broadband devices (including software services and products) giveaways, was an effective means to increase community engagement and promote the practical usage of broadband.

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
Intermediate Broadband Training	Pala	Training: Class covering Online banking and beginning multimedia. 1.12.12	10	0	0	0
Basic Broadband Training	Santa Ysabel	Training: Origins of online communications, terminology, common communications, online safety... 1.13.12	10	0	0	0
Mobile Broadband Integration	La Jolla	Training: Class covers the use of mobile technology with broadband, data plans, and mobile video communication. 1.31.12	10	4	0	0
Intermediate Broadband Training	Pala	Training: Class covering Online banking and beginning multimedia. 2.10.12	10	0	0	0
Intermediate Broadband Training	Rincon	Training: Class covering Online banking and beginning multimedia. 2.21.12	10	0	0	0
Intermediate Broadband Training	Pala	Training: Class covering Online banking and beginning multimedia. 3.23.12	10	0	0	0
Intermediate Broadband Training	Rincon	Training: Class covering Online banking and beginning multimedia. 3.27.12	10	0	0	0
Awareness Meeting for Tribal Council	Mesa Grande	Broadband Awareness Training	1	7	1	1
All Activity in Previous Quarters	Various	See Previous PPR - Section 4a Detail	1,012	941	181	5
Total:			1,083	952	182	6

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).

TDVNet has a customer service management system, and a total number of subscribers is immediately available to TDV staff by running reports from this CMS Database system. The TDV methodology assumes that each household subscription represents 3.5 individual broadband users and that each business subscription represents 8 individual broadband users. Using this methodology, TDV calculates a total of 637 individuals accessing broadband service through household subscription and a total of 48 individuals accessing broadband services through business subscriptions as of Q1 2012.

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).

TDV's focus for Q1 2012 quarter shifted to providing more bandwidth capacity to each reservation in order to add more subscribers. See Section 3 for further details. TDV continues to keep pace overall with the number of new subscribers to the ISP services. To date TDV has deployed to 182 households and 6 businesses with a yield of 675 actual users. The baseline projections for the period ending Q1 2012 were set at 500 overall users.

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

Households: 0	Businesses and CAIs : 0
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Project Indicators (Next Quarter)

1. Please describe significant project accomplishments planned for completion during the next quarter (600 words or less).
 In Q2, TDV plans to install 73 households currently on waiting list and connect at least 2 more reservations for internet access. In addition, TDV will complete redundant systems consisting of 100 miles of fiber connection to the Campo Reservation. Finally, TDV will fully deploy the Shadow Project, a workforce development program for area youth focused on developing skills in the deployment and maintenance of its broadband infrastructure. The first class of 6 graduates are expected during Q2 2012.

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	65	See Section 3
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).

TDV anticipates no challenges in connecting the 73 households on the waiting list if it can acquire and retain skilled contracted service installers. It will be critical to hire additional field support staff to keep pace with installation targets, but it will be as critical that the quality of work remain high to ensure reliable services homes and businesses. It was observed by TDV staff that in Q1 2012, there was some "time lost" in having to re-install previously installed homes and businesses due to less skilled installers.

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	\$172,575	\$47,100	\$125,475	\$100,157	\$47,100	\$53,057	\$109,823	\$29,974	\$79,849
b. Fringe Benefits	\$43,144	\$6,462	\$36,682	\$28,053	\$6,462	\$21,591	\$27,468	\$4,116	\$23,352
c. Travel	\$6,300	\$1,650	\$4,650	\$6,191	\$1,650	\$4,541	\$6,191	\$1,650	\$4,541
d. Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Supplies	\$2,000	\$0	\$2,000	\$81	\$81	\$0	\$2,000	\$0	\$2,000
f. Contractual	\$549,450	\$45,000	\$504,450	\$242,547	\$388	\$242,159	\$358,727	\$19,287	\$339,440
g. Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
h. Other	\$12,900	\$0	\$12,900	\$87	\$87	\$0	\$12,420	\$0	\$12,420
i. Total Direct Charges (sum of a through h)	\$786,369	\$100,212	\$686,157	\$377,116	\$55,768	\$321,348	\$516,629	\$55,027	\$461,602
j. Indirect Charges	\$199,691	\$199,691	\$0	\$94,279	\$94,279	\$0	\$128,657	\$128,657	\$0
k. TOTALS (sum of i and j)	\$986,060	\$299,903	\$686,157	\$471,395	\$150,047	\$321,348	\$645,286	\$183,684	\$461,602

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.

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