

RECIPIENT NAME:CVIN, LLC

AWARD NUMBER: NT10BIX5570126

DATE: 02/13/2013

OMB CONTROL NUMBER: 0660-0037

EXPIRATION DATE: 12/31/2013

QUARTERLY PERFORMANCE PROGRESS REPORT FOR BROADBAND INFRASTRUCTURE PROJECTS

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 NT10BIX5570126	3. DUNS Number 010738198
4. Recipient Organization CVIN, LLC 1346 N Floyd Ave, Fresno, CA 93723-9519		
5. Current Reporting Period End Date (MM/DD/YYYY) 12-31-2012	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 Douglas	7c. Telephone (area code, number and extension) X	
	7d. Email Address douglasd@CVIN.com	
7b. Signature of Certifying Official Submitted Electronically	7e. Date Report Submitted (MM/DD/YYYY): 02-13-2013	

Project Indicators (This Quarter)

1. Please describe significant project accomplishments completed during this quarter (600 words or less).
 Underground construction and fiber optic cable installation continued through this quarter. Equipment hut and cabinet installation and fiber optic network equipment deployment began this quarter. Permitting processes are complete. CVIN has hired four (4) additional Outside Plant Technicians and an additional Outside Plant Supervisor for fiber optic cable installation. Construction inspection and environmental monitoring firms continue to work closely with CVIN staff and construction contractors to insure compliance with all aspects of grant project construction. The project has been broken down into 30 segments and construction is in full force. Twenty-seven (27) segments have been bid and awarded, and twenty-four (24) segments are under construction. So far, 524 miles of conduit and 191 miles of fiber optic cable have been installed. All fiber optic network equipment, network management equipment, and anchor institution switches and routers have been received. Deployment of the fiber optic network equipment has begun. All equipment cabinets and backup power systems have been received. Two (2) equipment huts have been received and installed.

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 plan, please insert them at the bottom of the table. Unless otherwise indicated in the instructions, 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 subsequent written updates provided to your program officer)
2a.	Overall Project	74	Behind schedule due to initial underground construction delays.
2b.	Environmental Assessment	100	No change from the baseline.
2c.	Network Design	100	No change from the baseline.
2d.	Rights of Way	100	No change from the baseline.
2e.	Construction Permits and Other Approvals	100	No change from the baseline.
2f.	Site Preparation	65	Behind schedule due to initial underground construction delays.
2g.	Equipment Procurement	98	Only last few items need to be purchased.
2h.	Network Build (all components - owned, leased, IRU, etc)	74	Behind schedule due to initial underground construction delays.
2i.	Equipment Deployment	30	Behind schedule due to initial underground construction delays.
2j.	Network Testing	30	Behind schedule due to initial underground construction delays.
2k.	Other (please specify):	0	N/A

3. To the extent not covered above, 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).

We determined that there are inadequacies in the proposed 3.65MHz WiMAX wireless equipment in achieving the data throughput necessary to provide the customer with quality service and no real path forward from equipment manufacturers to upgrade to LTE. As a result, we are re-evaluating the feasibility of deploying 3.65MHz WiMAX for the wireless last mile portion of our project.

4. Please report the following information regarding network build progress. Write "0" in the Total column and "N/A" in the Narrative column if your project does not include this activity. Unless otherwise indicated in the instructions, figures should be reported cumulatively from award inception to the end of the most recent reporting quarter. Please provide a narrative description if the total is different from the target provided in your baseline plan (600 words or less).

Indicator	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
New network miles deployed	191	Construction efforts continue to be focused on placement of underground conduit, new fiber optic cable and upgrade of existing network. 524 miles of underground conduit has been placed. 27 miles of new fiber has been placed in existing conduit and 164 miles of fiber has been placed in new underground conduit.

Indicator	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
New network miles leased	0	N/A
Existing network miles upgraded	226	Nearly 50% of the existing network to be upgraded is complete.
Existing network miles leased	0	Construction efforts continue to be focused on placement of underground conduit, new fiber optic cable and upgrade of existing network. Leased network areas will be implemented early in 2013.
Number of miles of new fiber (aerial or underground)	191	Fiber installation in the underground conduit continued this quarter. 27 miles of new fiber has been placed in existing conduit and 164 miles of fiber has been placed in new underground conduit.
Number of new wireless links	0	Feasibility of deploying 3.65MHz WiMAX is being re-evaluated.
Number of new towers	0	N/A
Number of new and/or upgraded interconnection points	2	An additional interconnection point was established at the Dinuba Hut. The remaining interconnection points will be established early in 2013.

For questions 5 and 6 please include information relating to agreements that you are negotiating or have entered into, or that your sub recipient, contractor or subcontractor is negotiating or entered into.

5a. If applicable, please provide the following information with regard to agreements with broadband wholesalers and/or last mile providers as a result of your project.

Indicators	
Number of signed agreements with broadband wholesalers or last mile providers	2
Number of agreements currently being negotiated with broadband wholesalers or last mile providers	34
Average term of signed agreements (in quarters)	16

5b. Please list the names of the wholesale and last mile providers with whom you have signed agreements (100 words or less). Providers:

Sebastian (DBA: Audeamus)
Sierra Tel Internet

5c. What wholesale services are being provided by this project? Please describe below. As an attachment to this report, please provide pricing plans (in \$ per month) associated with each wholesale service provided by your product (100 words or less). Wholesale services description:

Internet access bandwidth at 500 Mbps to 2.5 Gbps (see attached pricing plans).

5d. If you have designated a third party to operate all or a portion of your network, please provide the name and contact information for this third party, indicate if this entity is a sub recipient, contractor, and/or subcontractor, and describe with specificity the portion of your network this third party operates (600 words or less).

Once the project is complete, the services provided to Anchor Institutions will be managed by our partner, the Corporation for Education Network Initiatives in California (CENIC) who is a sub-recipient. We (CVIN) will manage all commercial services to third party providers, business and residential customers. CENIC's Chief Technology Officer, David Reese, is their operations contact for the project (dave@cenic.org, 714-220-3444).

6. Please provide the data according to the type of subscriber. Write "0" in the Total column and "N/A" in the Narrative column if your project does not pass or serve a particular subscriber type. Unless otherwise indicated in the instructions, figures should be reported cumulatively from award inception to the end of the most recent reporting quarter. Please provide a narrative description if the total is different from the target provided in your baseline plan (300 words or less).

Subscriber Type	Access Type	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
Broadband Wholesalers or Last Mile Providers	Providers with signed agreements receiving new access	0	Behind schedule due to initial construction delays.

Subscriber Type	Access Type	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
	Providers with signed agreements receiving improved access	2	Behind schedule due to initial construction delays.
	Providers with signed agreements receiving access to dark fiber	0	Behind schedule due to initial construction delays.
	Please identify the speed tiers that are available and the number of subscribers for each	2	We have two wholesale providers, one at 500Mbps and one at 2.5Gbps.
Community Anchor Institutions (including Government institutions)	Total subscribers served	2	Behind schedule due to initial construction delays.
	Subscribers receiving new access	1	Behind schedule due to initial construction delays.
	Subscribers receiving improved access	1	Behind schedule due to initial construction delays.
	Please identify the speed tiers that are available and the number or subscribers for each	2	We have two speed tiers, either 1Gbps or 10Gbps for Community Anchor Institutions. These two anchors will both receive 1Gbps connections.
Residential / Households	Entities passed	0	Feasibility of deploying 3.65MHz WiMAX is being evaluated.
	Total subscribers served	0	Feasibility of deploying 3.65MHz WiMAX is being evaluated.
	Subscribers receiving new access	0	Feasibility of deploying 3.65MHz WiMAX is being evaluated.
	Subscribers receiving improved access	0	No change from the baseline.
	Please identify the speed tiers that are available and the number of subscribers for each	0	Feasibility of deploying 3.65MHz WiMAX is being evaluated.
Businesses	Entities passed	0	Feasibility of deploying 3.65MHz WiMAX is being evaluated.
	Total subscribers served	0	Feasibility of deploying 3.65MHz WiMAX is being evaluated.
	Subscribers receiving new access	0	Feasibility of deploying 3.65MHz WiMAX is being evaluated.
	Subscribers receiving improved access	0	No change from the baseline.
	Please identify the speed tiers that are available and the number of subscribers for each	0	Feasibility of deploying 3.65MHz WiMAX is being evaluated.

7. Please describe any special offerings you may provide (600 words or less).

N/A

8a. Have your network management practices changed over the last quarter? Yes No

8b. If so, please describe the changes (300 words or less).

N/A

9. Community Anchor Institutions:

Using the table below, please provide a list by service area of the community anchor institutions (including Government institutions) connected to your network as a result of BTOP funds. Figures should be reported for the most recent reporting quarter only (NOT cumulatively). Also indicate whether your organization is currently providing broadband service to the anchor institution. Finally, provide a short narrative description with examples of how institutions are using BTOP-funded infrastructure (300 words or less).

Institution Name	Service	Type of Anchor	Are you also the	Narrative description of how anchor institutions are using BTOP-
------------------	---------	----------------	------------------	--

	Area (town or county)	Institution (as defined in your baseline)	broadband service provider for this institution? (Yes / No)	funded infrastructure
Amador County Office of Education	Jackson, CA	Schools (K-12)	Yes (CENIC)	Broadband Internet distributed to school districts in county.
Amador County Library	Jackson, CA	Libraries	Yes (CENIC)	Broadband Internet used by library staff and patrons.

Project Indicators (Next Quarter)

1. Please describe significant project accomplishments planned for completion during the next quarter (600 words or less).
 Underground conduit construction will continue with the majority of segments being completed. Fiber optic cable installation efforts will continue. Significant progress will be made on installation of outdoor cabinets and huts, fiber optic network equipment, and power equipment. We anticipate 366 miles of fiber placed, 6 Community Anchor Institutions connected, and 4 wholesale providers by end of next quarter.

2. Please provide the percent complete for the following key milestones in your project. Write "0" in the Planned 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 plan, please insert them at the bottom of the table. Unless otherwise indicated in the instructions, figures should be reported cumulatively from award inception to the end of the next 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	Planned Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information)
2a.	Overall Project	95	Slightly behind the baseline due to initial underground construction delays.
2b.	Environmental Assessment	100	No change from the baseline.
2c.	Network Design	100	No change from the baseline.
2d.	Rights of Way	100	No change from the baseline.
2e.	Construction Permits and Other Approvals	100	No change from the baseline.
2f.	Site Preparation	85	Continued progress on underground construction will allow for increased progress on cabinet and hut site preparation. Still slightly behind schedule on baseline.
2g.	Equipment Procurement	100	No change from the baseline.
2h.	Network Build (all components - owned, leased, IRU, etc.)	95	Slightly behind the baseline due to initial underground construction delays.
2i.	Equipment Deployment	60	Continued progress on site preparation will allow for increased progress on equipment deployment. Still behind schedule on baseline.
2j.	Network Testing	60	Continued progress on equipment deployment will allow for increased progress on network testing. Still behind schedule on baseline.
2k.	Other (please specify):	0	N/A

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).
 No other issues are anticipated at this time.

Infrastructure Budget Execution Details

Activity Based Expenditures (Infrastructure)

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. Administrative and legal expenses	\$227,000	\$68,100	\$158,900	\$705,723	\$211,717	\$494,006	\$750,000	\$225,000	\$525,000
b. Land, structures, right-of-ways, appraisals, etc.	\$215,963	\$64,789	\$151,174	\$1,711,516	\$513,455	\$1,198,061	\$1,740,000	\$522,000	\$1,218,000
c. Relocation expenses and payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Architectural and engineering fees	\$1,212,173	\$363,652	\$848,521	\$4,223,939	\$1,267,183	\$2,956,756	\$4,300,000	\$1,290,001	\$3,009,999
e. Other architectural and engineering fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
f. Project inspection fees	\$730,319	\$219,096	\$511,223	\$1,867,257	\$560,177	\$1,307,080	\$2,000,000	\$600,000	\$1,400,000
g. Site work	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
h. Demolition and removal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
i. Construction	\$64,214,212	\$19,264,273	\$44,949,939	\$40,946,710	\$12,284,019	\$28,662,691	\$55,000,000	\$16,500,009	\$38,499,991
j. Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
k. Miscellaneous	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
l. SUBTOTAL (add a through k)	\$66,599,667	\$19,979,910	\$46,619,757	\$49,455,145	\$14,836,551	\$34,618,594	\$63,790,000	\$19,137,010	\$44,652,990
m. Contingencies									
n. TOTALS (sum of l and m)	\$66,599,667	\$19,979,910	\$46,619,757	\$49,455,145	\$14,836,551	\$34,618,594	\$63,790,000	\$19,137,010	\$44,652,990

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: \$832,484
---	--------------------------------------