

RECIPIENT NAME:Oconee County

AWARD NUMBER: NT10BIX5570117

DATE: 08/22/2012

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 NT10BIX5570117	3. DUNS Number 045815883
4. Recipient Organization Oconee County 415 S. Pine Street, Walhalla, SC 29691-2145		
5. Current Reporting Period End Date (MM/DD/YYYY) 06-30-2012	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 Kim Wilbanks	7c. Telephone (area code, number and extension) X	
	7d. Email Address kwilbanks@oconeesc.com	
7b. Signature of Certifying Official Submitted Electronically	7e. Date Report Submitted (MM/DD/YYYY): 08-22-2012	

Project Indicators (This Quarter)

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

Approximately 150 miles of conduit and approximately 130 miles of fiber has been installed and spliced. The request for proposal (RFP) for the installation of the second phase was awarded to Network Controls of Greer, SC. The County received the last railroad permits that were submitted to Norfolk Southern. During this quarter we also received the final shipment of fiber. A few quarters ago the County purchased fiber management software from Telvent. The broadband team had a week long training session with Telvent representatives to learn how to operate and utilize equipment. All three NOCs (network operation center) have power, equipment, cooling, and fiber termination. All three NOCs should be completely setup and operating in the next quarter. The team has been working diligently to get the NOCs communicating. The team did a lot of pre-planning for the arrival of Tellabs and Cisco for setup, configuration, and lighting of the NOCs, school district and fire departments.

Approximately 75 community anchor institutions have fiber connected. Equipment is being installed to prepare for the lighting of the fiber. The team met with emergency services and agencies to inform how the fiber will help with rescue efforts and why the team chose the fire departments as aggregation points.

The team attended the broadband conference in Arlington, VA. The team met with other awardees and have been in contact with them since the conference. The team divided and attended different sessions to accumulate as much data and knowledge as possible.

Oconee County awarded a contract for the core routers to Internetwork Engineering out of Cincinnati, OH. The equipment was ordered and should arrive in next quarter.

During this quarter Fiber Characterization was completed. Fiber characterization is an in depth integrity test of the fiber which has been already deployed within the backbone ring prior to the connection of the electronics portion of the network. This testing allows us to find any errors which may be inherent to the fiber due to a manufactures defect or externally created during the installation/ construction phase of deployment. This testing allows us to determine, isolate and fix any issues with the fiber prior to turning up the electronics phase of the project. This way if there is an issue once we turn up the electronics we should be able to automatically rule out fiber issues and concentrate on the electronics or design of the network.

The fight over the House bill 3508 came to an end during the quarter. The time line of bill is as follows:
 Introduced in the House on January 27, 2011
 Introduced in the Senate on February 22, 2011
 Last Amended on June 7, 2012
 Passed by the General Assembly on June 27, 2012
 Governor's Action: June 29, 2012, Signed

The broadband team is diligently working on a revised business model since the bill has passed. The team has spent and will continue to spend numerous hours focusing on the effects of this bill.

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	64	The broadband team has been working very hard to meet our baseline goals. We spent a good bit of time focusing on the House bill again this quarter. A lot of progress has been made. The team will continue to work hard to meet all goals set forth.
2b.	Environmental Assessment	100	na
2c.	Network Design	95	na
2d.	Rights of Way	95	na
2e.	Construction Permits and Other Approvals	95	na
2f.	Site Preparation	0	na
2g.	Equipment Procurement	80	na
2h.	Network Build (all components - owned, leased, IRU, etc)	65	With all of our delays network build has been delayed. Hope to be closer to our base line milestone next quarter.
2i.	Equipment Deployment	65	We continue to have equipment being shipped for our project. A few back orders have caused some delay. Hope to be closer to our base line milestone next quarter.

	Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or subsequent written updates provided to your program officer)
2j.	Network Testing	65	na
2k.	Other (please specify):	0	na

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).

The crews installing conduit hit a section of rock this quarter. The crew got through the rock but it did slow progress down significantly. The crew installing the fiber had a few issues with the fiber but have resolved those issues. Installing fiber has resumed and making forward progress. The House bill has always been a challenge. During this quarter the bill did pass in the Senate. The team has been in contact with different officials concerning the effects the bill will have on project. We are also working on a revised business model.

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	130	Very close to baseline. A few issues with fiber put the team a few miles short of target.
New network miles leased	0	na
Existing network miles upgraded	0	na
Existing network miles leased	0	na
Number of miles of new fiber (aerial or underground)	130	Very close to baseline. A few issues with fiber put the team a few miles short of target.
Number of new wireless links	0	na
Number of new towers	0	na
Number of new and/or upgraded interconnection points	0	With all of our delays network build has been delayed. Hope to be closer to our base line milestone next quarter.

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	0
Number of agreements currently being negotiated with broadband wholesalers or last mile providers	4
Average term of signed agreements (in quarters)	0

5b. Please list the names of the wholesale and last mile providers with whom you have signed agreements (100 words or less). Providers: Oconee County is negotiating with 4 wholesale/last mile providers. No agreements have been signed.

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:

This is still under review by Oconee County and will require approval by County Council. Pricing structure being processed.

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 this third party operates (600 words or less).

Oconee County secured a contractor through the RFP (request for proposal) process. Technology Solutions was awarded to install, configure, and operate network through construction. Technology Solutions will connect, provision, maintain, and monitor network through construction.

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	County is discussing connection to 4 providers at this time.
	Providers with signed agreements receiving improved access	0	na
	Providers with signed agreements receiving access to dark fiber	0	Contract still in legal review.
Community Anchor Institutions (including Government institutions)	Please identify the speed tiers that are available and the number of subscribers for each	0	na
	Total subscribers served	0	Network Operation Centers are in the process of being completed. Once completed, CAls will begin to be connected and served.
	Subscribers receiving new access	0	Network Operation Centers are in the process of being completed. Once completed, CAls will begin to be connected and served.
	Subscribers receiving improved access	0	Network Operation Centers are in the process of being completed. Once completed, CAls will begin to be connected and served.
Residential / Households	Please identify the speed tiers that are available and the number or subscribers for each	0	na
	Entities passed	0	The FOCUS project is a middle-mile project that will provide connectivity & service to ISPs in Oconee County. These ISPs will connect residential and businesses.
	Total subscribers served	0	The FOCUS project is a middle-mile project that will provide connectivity & service to ISPs in Oconee County. These ISPs will connect residential and businesses.
	Subscribers receiving new access	0	The FOCUS project is a middle-mile project that will provide connectivity & service to ISPs in Oconee County. These ISPs will connect residential and businesses.
	Subscribers receiving improved access	0	The FOCUS project is a middle-mile project that will provide connectivity & service to ISPs in Oconee County. These ISPs will connect residential and businesses.
Businesses	Please identify the speed tiers that are available and the number of subscribers for each	0	The FOCUS project is a middle-mile project that will provide connectivity & service to ISPs in Oconee County. These ISPs will connect residential and businesses.
	Entities passed	0	The FOCUS project is a middle-mile project that will provide connectivity & service to ISPs in Oconee County. These ISPs will connect residential and businesses.
	Total subscribers served	0	The FOCUS project is a middle-mile project that will provide connectivity & service to ISPs in Oconee County. These ISPs will connect residential and businesses.
	Subscribers receiving new access	0	The FOCUS project is a middle-mile project that will provide connectivity & service to ISPs in Oconee County. These ISPs will connect residential and businesses.
	Subscribers receiving improved access	0	The FOCUS project is a middle-mile project that will provide connectivity & service to ISPs in Oconee County. These ISPs will connect residential and businesses.

Subscriber Type	Access Type	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
	Please identify the speed tiers that are available and the number of subscribers for each	0	The FOCUS project is a middle-mile project that will provide connectivity & service to ISPs in Oconee County. These ISPs will connect residential and businesses.

7. Please describe any special offerings you may provide (600 words or less).
Oconee FOCUS project will provide connectivity to rural locations by allowing ISPs (Internet Service Providers) to purchase transport on the network.

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

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

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 Area (town or county)	Type of Anchor Institution (as defined in your baseline)	Are you also the broadband service provider for this institution? (Yes / No)	Narrative description of how anchor institutions are using BTOP-funded infrastructure
0	0	0	0	0

Project Indicators (Next Quarter)

1. Please describe significant project accomplishments planned for completion during the next quarter (600 words or less).
The team plans to have all NOCs set up and ready to service CAIs. We hope to release pricing to ISPs. Plan to have contracts/ agreements signed and providing ISPs with the information they need to start selling service. The contractor plans to have most of phase II complete by the end of next quarter. The teams hopes to deploy ~200 miles next quarter. We should have ~ 30 community anchor institutions connected by the end of the 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	90	na
2b.	Environmental Assessment	100	na
2c.	Network Design	95	na
2d.	Rights of Way	95	na
2e.	Construction Permits and Other Approvals	95	na
2f.	Site Preparation	0	na
2g.	Equipment Procurement	90	na
2h.	Network Build (all components - owned, leased, IRU, etc.)	80	na
2i.	Equipment Deployment	90	na
2j.	Network Testing	80	na

	Milestone	Planned Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information)
2k.	Other (please specify):	0	na

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).

The House bill H-3508 may take up some of the teams time next quarter. The team will be shifting gears to comply with all goals set forth with the grant and bill that has been passed. Equipment deployment could be delayed if back orders become an issue.

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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Land, structures, right-of-ways, appraisals, etc.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Relocation expenses and payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Architectural and engineering fees	\$805,760	\$371,403	\$434,357	\$767,102	\$359,033	\$408,069	\$805,760	\$371,404	\$434,356
e. Other architectural and engineering fees	\$844,740	\$270,317	\$574,423	\$212,189	\$67,900	\$144,289	\$512,189	\$163,900	\$348,289
f. Project inspection fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
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	\$15,000	\$15,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
j. Equipment	\$12,280,364	\$3,929,716	\$8,350,648	\$8,181,776	\$2,618,607	\$5,563,169	\$11,340,341	\$3,628,909	\$7,711,432
k. Miscellaneous	\$360,900	\$115,488	\$245,412	\$41,710	\$13,347	\$28,363	\$241,710	\$77,347	\$164,363
l. SUBTOTAL (add a through k)	\$14,306,764	\$4,701,924	\$9,604,840	\$9,202,777	\$3,058,887	\$6,143,890	\$12,900,000	\$4,241,560	\$8,658,440
m. Contingencies									
n. TOTALS (sum of l and m)	\$14,306,764	\$4,701,924	\$9,604,840	\$9,202,777	\$3,058,887	\$6,143,890	\$12,900,000	\$4,241,560	\$8,658,440

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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