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

NT10BIX5570157

3. DUNS Number

830149840

4. Recipient Organization

Adams County Communications Center, Inc. 7321 Birch Street, Commerce City, CO 80022-1446

5. Current Reporting Period End Date (MM/DD/YYYY)

12-31-2011

6. Is this the last Report of the Award Period?

◯ Yes   ◉ 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

Brian Shepherd

7c. Telephone (area code, number and extension)

3032277124

7d. Email Address

bshepherd@adcom911.org

7b. Signature of Certifying Official

Submitted Electronically

7e. Date Report Submitted (MM/DD/YYYY):

02-14-2012

Project Indicators (This Quarter)

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

During this quarter ADCOM 911 focused on site work required for the installation of the eNodeB sites. We successfully installed 3 new generators at key sites, 2 new UPS units and did extensive electrical work at the primary ADCOM 911 facility in order to handle the EPC and fiber aggregation point to be located here.   We successfully installed two of the key fiber aggregation points and began passing data over the fiber connection between three of our CAI's.

ADCOM 911's revised budget was approved by the NTIA during this quarter as well.

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	41	No Variance
2b.	Environmental Assessment	100	No Variance
2c.	Network Design	100	No Variance
2d.	Rights of Way	100	No Variance
2e.	Construction Permits and Other Approvals	80	Due to the pending route change for our final fiber installation we may need additional permits. We are actively working with both the NTIA and the vendors to finalize this change.
2f.	Site Preparation	60	Due to the delays in the EA process ADCOM 911 was not able to begin site work as anticipated. We are currently focusing our efforts on completing this work and do not anticipate any delays in the overall project.
2g.	Equipment Procurement	38	A majority of the equipment has actually been received. The only remaining key components to be received are the eNodeB radios which are due to be received in early March. Due to the structure of the prime LTE contract, which is based on key milestones, the expense for the equipment are not in sync with the receipt of the equipment.
2h.	Network Build (all components - owned, leased, IRU, etc)	20	Due to delays in the EA and changes to the network design ADCOM 911 did not begin equipment deployment as anticipated. Large scale equipment deployment will begin in March/April of 2012 and proceed throughout the summer of 2012. ADCOM 911 is still on schedule to have a completed network by the Spring of 2013.
2i.	Equipment Deployment	20	Due to delays in the EA and changes to the network design ADCOM 911 did not begin equipment deployment as anticipated. Large scale equipment deployment will begin in March/April of 2012 and proceed throughout the summer of 2012. ADCOM 911 is still on schedule to have a completed network by the Spring of 2013.
2j.	Network Testing	10	No Variance
2k.	Other (please specify): N/A	0	No Variance

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).

While there are some delays from the original baseline, the project remains on schedule based on the project plan developed with the LTE vendor. Our biggest challenge has been adapting the project to some of the unknown issues that have arisen (zoning issues, changing fiber routes, etc). Delays from various equipment manufactures have caused us to alter priorities but again, the overall project remains on track.

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	0	The initial direction on the baseline report was to consider dark, in-kind fiber as new miles. We have subsequently received instructions to count this as upgraded fiber and are reporting accordingly.
New network miles leased	0	N/A
Existing network miles upgraded	20	The initial direction on the baseline report was to consider dark, in-kind fiber as new miles. We have subsequently received instructions to count this as upgraded fiber and are reporting accordingly. The miles upgraded to date represent some of this dark fiber that has been turned-up between two key aggregation points, both of which are CAI's.
Existing network miles leased	0	N/A
Number of miles of new fiber (aerial or underground)	0	The initial direction on the baseline report was to consider dark, in-kind fiber as new miles. We have subsequently received instructions to count this as upgraded fiber and are reporting accordingly.
Number of new wireless links	0	No Variance
Number of new towers	0	The revised site configuration will only require one new tower construction, a 70 foot monopole to be developed. The initial foundation for this site has been completed and will be installed during the second quarter of 2012.
Number of new and/or upgraded interconnection points	1	At the time of the baseline report, we did not have a final network design. We have since implemented a model that will has one key interconnection points where multiple public safety and local government agencies will connect their networks to be used for multiple purposes.

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	0
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:
N/A

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:
N/A

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).
N/A

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	N/A
	Providers with signed agreements receiving improved access	0	N/A
	Providers with signed agreements receiving access to dark fiber	0	N/A
	Please identify the speed tiers that are available and the number of subscribers for each	0	N/A
Community Anchor Institutions (including Government institutions)	**Total subscribers served**	4	Changes to the fiber route and overall network design caused some delays in fiber implementation. The design has been completed and we are identifying the final fiber route. We do not expect any delays in the overall project.
	Subscribers receiving new access	0	No Variance
	Subscribers receiving improved access	4	Changes to the fiber route and overall network design caused some delays in fiber implementation. The design has been completed and we are identifying the final fiber route. We do not expect any delays in the overall project.
	Please identify the speed tiers that are available and the number or subscribers for each	4	CAI's will receive either 10GB/sec or 1GB/sec
Residential / Households	**Entities passed**	0	N/A
	Total subscribers served	0	N/A
	Subscribers receiving new access	0	N/A
	Subscribers receiving improved access	0	N/A
	Please identify the speed tiers that are available and the number of subscribers for each	0	N/A
Businesses	**Entities passed**	0	N/A
	Total subscribers served	0	N/A
	Subscribers receiving new access	0	N/A
	Subscribers receiving improved access	0	N/A
	Please identify the speed tiers that are available and the number of subscribers for each	0	N/A

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 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
Brighton Police Department	Brighton, CO	Law Enforcement	No	Infrastructure will be used as the backhaul network for the Public Safety LTE network as well as interconnecting multiple government entities for data and communication sharing.

Project Indicators (Next Quarter)

1. Please describe significant project accomplishments planned for completion during the next quarter (600 words or less).
For the 1st quarter of 2012 ADCOM 911 plans to continue the site work and preparation for the eNodeB installation. We anticipate to receive updated EPC software releases from our vendor as well. We should begin receiving the eNodeB equipment in March. ADCOM 911 hopes to release the RFP for the final fiber route during this quarter as well.

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	60	No Variance
2b.	Environmental Assessment	100	No Variance
2c.	Network Design	100	No Variance
2d.	Rights of Way	100	No Variance
2e.	Construction Permits and Other Approvals	95	Timing is dependant on route modification. All permits may be obtained by the end of March.
2f.	Site Preparation	75	We anticipate all major site work will be completed. The only remaining work will be the specific electrical and mounting work at each site as the eNodeB's are mounted.
2g.	Equipment Procurement	54	We expect to begin receiving the eNodeB's in March and anticipate a majority of all equipment will be on hand by the end of the quarter. Again, based on contract parameters the financial outlays will not exactly correspond to equipment receipt.
2h.	Network Build (all components - owned, leased, IRU, etc.)	30	We anticipate having a majority of the fiber live with the exception of our final run to the Cherokee site and the 6th avenue path.
2i.	Equipment Deployment	25	As a majority of the remaining equipment is tied to the eNodeB sites the deployment schedule will be concentrated during the 2nd and 3rd quarters of 2012.
2j.	Network Testing	15	While we can being to test specific elements, the overall testing of the network cannot take place until the eNodeB sites begin to be installed. We anticipate the testing process to increase towards the end of the 2nd quarter of 2012 and ramp up from there.
2k.	Other (please specify): N/A	0	No Variance

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).

During the winter and spring weather is always a primary challenge for site work and preparation. Finalizing, and getting an RFP for the final fiber paths will be a primary focus as well.

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.

Cost Classification	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		
	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	$303,000	$150,000	$153,000	$231,889	$39,460	$192,429	$260,000	$60,000	$200,000
b. Land, structures, right-of-ways, appraisals, etc.	$1,121,040	$1,076,040	$45,000	$673,585	$646,905	$26,680	$750,000	$720,000	$30,000
c. Relocation expenses and payments	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Architectural and engineering fees	$10,500	$0	$10,500	$9,700	$0	$9,700	$9,700	$0	$9,700
e. Other architectural and engineering fees	$5,944,251	$1,253,750	$4,690,501	$3,471,927	$867,645	$2,604,282	$5,100,000	$1,100,000	$4,000,000
f. Project inspection fees	$0	$0	$0	$100	$0	$100	$100	$0	$100
g. Site work	$503,500	$0	$503,500	$96,002	$0	$96,002	$200,000	$0	$200,000
h. Demolition and removal	$0	$0	$0	$0	$0	$0	$0	$0	$0
i. Construction	$2,451,391	$1,101,550	$1,349,841	$0	$0	$0	$250,000	$250,000	$0
j. Equipment	$6,345,080	$960,000	$5,385,080	$2,415,588	$636,227	$1,779,361	$3,400,000	$830,000	$2,570,000
k. Miscellaneous	$0	$0	$0	$334	$0	$334	$334	$0	$334
l. SUBTOTAL (add a through k)	$16,678,762	$4,541,340	$12,137,422	$6,899,125	$2,190,237	$4,708,888	$9,970,134	$2,960,000	$7,010,134
m. Contingencies	$0	$0	$0	$0	$0	$0	$0	$0	$0
n. TOTALS (sum of l and m)	$16,678,762	$4,541,340	$12,137,422	$6,899,125	$2,190,237	$4,708,888	$9,970,134	$2,960,000	$7,010,134

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