

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 NT10BIX5570097	3. DUNS Number 023716181
--	---	--

4. Recipient Organization

 Department of Information Technology 715 Alta Vista, Santa Fe, NM 87505-4108

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 Michael Romero	7c. Telephone (area code, number and extension) X
	7d. Email Address MikeR.Romero@state.nm.us

7b. Signature of Certifying Official Submitted Electronically	7e. Date Report Submitted (MM/DD/YYYY): 08-10-2012
---	--

Project Indicators (This Quarter)

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

Middle Mile Project

1. Coordination with United States Forest Service (USFS) and Bureau of Land Management (BLM)
 - a. All SF 299's required have been submitted with the certified drawing packages; Approvals have been received for Sandia Crest, Gallinas, and LaMosca.
 - b. Met with BLM (South Mesa & High Lonesome) in April.
 - c. Coordinated with USFS and BLM on indemnification language to be used in lease documents
2. Received, accepted and paid for all towers, shelters, batteries, radio kits, routers, and security systems that had been ordered, totaling almost \$15M.
3. Over \$8M in contract amendments for civil construction were processed.
4. Executed a contract for professional engineering services to independently inspect civil construction sites – 8 inspections at each site.
5. Construction contractors (Aviat and TowerCom) began construction at over 20 sites during the quarter. Two are nearing completion
6. Updating the Master Schedule for all equipment deliveries, construction, and implementation activities.
7. Radio System Training for State and Contractor personnel was conducted with Certification Test administered.

700 LTE Project

1. LTE portion was put into a suspended status. The Request for Proposal activities were put on hold due to the LTE suspension. The suspension letter was submitted to NTIA per requirements.

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	54	All equipment was ordered and has been accepted and paid for during the quarter. Construction has been started at over 20 sites: Percentage breakdowns: Middle Mile Percentage Completed is based on: Middle Mile \$30,018,996 Cash Match \$5,399,999 In-Kind Match \$11,600,004 Total \$47,018,999 Expended \$29,817,370 Percentage 63% 700MHz LTE Percentage Completed is based on: LTE \$8,681,001 Cash Match \$0.00 Total \$8,681,001 Expended \$0.00 Percentage 0% Overall Percentage Completed is based on: Overall \$38,699,997 Cash Match \$5,399,999 In-Kind Match \$11,600,004 Total \$55,700,000 Expended \$29,817,370 Percentage 54%
2b.	Environmental Assessment	100	No Variance

	Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or subsequent written updates provided to your program officer)																								
2c.	Network Design	82	100% of the DMW design has been completed, LTE has been put on hold until final resolution regarding LTE funding.																								
2d.	Rights of Way	0	N/A																								
2e.	Construction Permits and Other Approvals	83	Permits have been obtained for 24 of the 29 construction sites. Paperwork for remaining permits are in process.																								
2f.	Site Preparation	75	Site prep work has begun at 22 of the 29 sites. Several sites are nearing completion.																								
2g.	Equipment Procurement	57	<table border="1"> <thead> <tr> <th>Area</th> <th>New Budget</th> <th>Amt. Spent</th> <th>%Spent</th> <th>Remaining</th> <th>% Remaining</th> </tr> </thead> <tbody> <tr> <td>DMW</td> <td>16,085,957.00</td> <td>13,251,129.58</td> <td>82%</td> <td>2,834,827.42</td> <td>18%</td> </tr> <tr> <td>LTE</td> <td>7,117,501.00</td> <td>0</td> <td>0%</td> <td>7,117,501.00</td> <td>100%</td> </tr> <tr> <td>Overall</td> <td>23,203,458.00</td> <td>13,251,129.58</td> <td>57%</td> <td>9,952,328.42</td> <td>43%</td> </tr> </tbody> </table> <p>Additional routers and network interface cards for redundancy will be ordered.</p>	Area	New Budget	Amt. Spent	%Spent	Remaining	% Remaining	DMW	16,085,957.00	13,251,129.58	82%	2,834,827.42	18%	LTE	7,117,501.00	0	0%	7,117,501.00	100%	Overall	23,203,458.00	13,251,129.58	57%	9,952,328.42	43%
Area	New Budget	Amt. Spent	%Spent	Remaining	% Remaining																						
DMW	16,085,957.00	13,251,129.58	82%	2,834,827.42	18%																						
LTE	7,117,501.00	0	0%	7,117,501.00	100%																						
Overall	23,203,458.00	13,251,129.58	57%	9,952,328.42	43%																						
2h.	Network Build (all components - owned, leased, IRU, etc)	0	No network equipment yet installed. Network implementation will proceed with the radio installation. Final network components for DMW should be completed in Q3Y3.																								
2i.	Equipment Deployment	4	Batteries have been deployed to five sites, final installs are scheduled for Q2Y3. Construction has started with several shelter and tower installations already being completed. DMW Equipment (antennas, radios & routers) deployment will begin Q3Y2 and completed Q3Y3.																								
2j.	Network Testing	0	No network equipment yet installed. Testing will begin with the equipment deployment starting in Q4Y2 and should be completed in Q3Y3.																								
2k.	Other (please specify):	64	Assumes management, administrative, and legal effort is linear across 36 month grant period.																								

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).

None at this time.

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	N/A
New network miles leased	0	N/A
Existing network miles upgraded	0	Network miles will be 'upgraded' as the radio and network equipment is brought on-line starting in September (Q3Y3)
Existing network miles leased	0	N/A
Number of miles of new fiber (aerial or underground)	0	N/A
Number of new wireless links	0	The LTE portion of the project which deals with wireless links, is currently suspended.

Indicator	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
Number of new towers	5	Five towers have been completed and construction has commenced at a number of other sites. DMW is replacing 24 towers. Current plans are to have all towers assembled by the end of Q2Y3.
Number of new and/or upgraded interconnection points	0	Construction has commenced at over 20 locations. The interconnect points will be upgraded as part of the construction which is expected to be completed Q2Y3.

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

Subscriber Type	Access Type	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
Community Anchor Institutions (including Government institutions)	Total subscribers served	0	Based on a previous quarters identification of Community Anchor Institutions (CAI's), all CAI's are related to the LTE portion of the project. The Department, in conjunction with NTIA, re-evaluated and revised the CAIs identified. The current list of remaining CAIs are all related to the 700 MHz LTE part of the project which has been suspended.
	Subscribers receiving new access	0	Based on a previous quarters identification of CA's, all CAI's are related to the LTE portion of the project. The Department, in conjunction with NTIA, re-evaluated and revised the CAIs identified. The current list of remaining CAIs are all related to the 700 MHz LTE part of the project which has been suspended.
	Subscribers receiving improved access	0	Based on a previous quarters identification of CA's, all CAI's are related to the LTE portion of the project. The Department, in conjunction with NTIA, re-evaluated and revised the CAIs identified. The current list of remaining CAIs are all related to the 700 MHz LTE part of the project which has been suspended.
	Please identify the speed tiers that are available and the number of subscribers for each	0	No speed tiers are currently available for any subscriber.
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)	Type of Anchor Institution (as)	Are you also the broadband	Narrative description of how anchor institutions are using BTOP-funded infrastructure
------------------	---------------------	---------------------------------	----------------------------	---

	or county)	defined in your baseline)	service provider for this institution? (Yes / No)	
N/A	N/A	N/A	N/A	N/A

Project Indicators (Next Quarter)

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

DMW

- Civil Construction will begin on remaining construction sites.
- Factory Acceptance Test (FAT) and Signal Quality Check (SITQ) testing will be completed on Radio Kits and the equipment shipped to Albuquerque staging facility for distribution to installation contractors.
- Implementation of RF equipment will begin at the Equipment Only designated sites.
- DoIT staff will do final acceptance and payments for remaining equipment.
- A second round of Radio System Training for State and Contractor personnel will be conducted with Certification Test administered.
- Training plan will be approved.

700MHz LTE.

- Revamped budget amendment will be submitted.
- Geographical areas for LTE will be considered.
- LTE Build and Equipment purchase activities is suspended.

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	63	<p>All equipment was ordered and has been accepted and paid for during the quarter. Construction has been started at over 20 sites:</p> <p>Percentage breakdowns: Middle Mile Percentage Completed is based on: Middle Mile \$34,693,497 Cash Match \$5,399,999 In-Kind Match \$11,600,004 Total \$51,693,500 Expended \$35,019,000 Percentage 68%</p> <p>700MHz LTE Percentage Completed is based on: LTE \$4,006,500 Cash Match \$0.00 Total \$4,006,500 Expended \$0.00 Percentage 0%</p> <p>Overall Percentage Completed is based on: Overall \$38,699,997 Cash Match \$5,399,999 In-Kind Match \$11,600,004 Total \$55,700,000 Expended \$35,019,000 Percentage 63%</p>
2b. Environmental Assessment	100	EA's will be completed as needed for the nine out of scope sites that are expected to be approved.
2c. Network Design	90	100% of the DMW design, to include approved out of scope sites, will be completed, no design for LTE will commence until after approval of the budget amendment.

	Milestone	Planned Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information)																								
2d.	Rights of Way	0	N/A																								
2e.	Construction Permits and Other Approvals	100	All permits and approvals will be completed																								
2f.	Site Preparation	90	Construction should be started at all but one or two sites																								
2g.	Equipment Procurement	67	<table border="1" data-bbox="760 373 1529 478"> <thead> <tr> <th>Area</th> <th>New Budget</th> <th>Amount Spent</th> <th>% Spent</th> <th>Remaining</th> <th>% Remaining</th> </tr> </thead> <tbody> <tr> <td>DMW</td> <td>17,293,716.00</td> <td>13,251,129.58</td> <td>77%</td> <td>4,042,586.42</td> <td>23%</td> </tr> <tr> <td>LTE</td> <td>2,443,000.00</td> <td>0</td> <td>0%</td> <td>2,443,000.00</td> <td>100%</td> </tr> <tr> <td>Overall</td> <td>19,736,716.00</td> <td>13,251,129.58</td> <td>67%</td> <td>6,485,586.42</td> <td>33%</td> </tr> </tbody> </table> <p data-bbox="760 499 1529 552">In the Budget modification an additional \$3.4 million has been reallocated from LTE to the DMW in the Equipment Market.</p> <p data-bbox="760 573 1529 653">Additional equipment will be procured for the proposed Out of Scope sites once the budget modification is approved. We do not expect to expend any funds on LTE equipment this quarter due to the suspension</p>	Area	New Budget	Amount Spent	% Spent	Remaining	% Remaining	DMW	17,293,716.00	13,251,129.58	77%	4,042,586.42	23%	LTE	2,443,000.00	0	0%	2,443,000.00	100%	Overall	19,736,716.00	13,251,129.58	67%	6,485,586.42	33%
Area	New Budget	Amount Spent	% Spent	Remaining	% Remaining																						
DMW	17,293,716.00	13,251,129.58	77%	4,042,586.42	23%																						
LTE	2,443,000.00	0	0%	2,443,000.00	100%																						
Overall	19,736,716.00	13,251,129.58	67%	6,485,586.42	33%																						
2h.	Network Build (all components - owned, leased, IRU, etc.)	10	Installation will be in conjunction with the RF installation. Equipment installation will not begin until September.																								
2i.	Equipment Deployment	70	Equipment deployment is predicated on the construction and implementation schedules. While all equipment will be received and paid for, actual delivery and installation will be done on a just-in-time basis. The majority of the towers and shelter will be installed, deployment of radios and routers will begin in September.																								
2j.	Network Testing	50	Limited network testing will be conducted during factory acceptance testing (FAT). Final testing is predicated on construction and implementation schedules over the next eight months.																								
2k.	Other (please specify):	72	Assumes management, administrative, and legal effort is linear across 36 month grant period ending 07/31/2013.																								

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).

- 1) Biggest challenge likely New Mexico summer weather impact on site access and site surveys. Current predictions are to have a second bad year of fires. USFS has elevated the Fire Status to Level 2 and is still looking at the possibility of closing forest areas.
- 2) Equipment purchases for the 700MHz LTE system are suspended

