

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
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4. Recipient Organization Department of Information Technology 715 Alta Vista, Santa Fe, NM 87505-4108
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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
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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): 05-18-2012
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Project Indicators (This Quarter)

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

Middle Mile Project

1. Coordination with USFS and BLM
 - a. All SF 299's have been submitted with the certified drawing packages
 - b. Met with all but one (BLM – South Mesa). Currently scheduled in April.
2. POs issued to all hardware vendors authorizing manufacturing – tower, shelters, batteries, radio kits, routers, and security systems totaling over \$15.6M
3. 30% of hardware manufactured, accepted, invoiced, and paid totaling over \$4.6M. Another \$6M is in the process of being paid. The remaining amounts are expected to be completed/paid within the second quarter.
4. Contracts for the three primary vendors were amended to cover deployment, installation, and testing of all Radio Frequency (RF) systems
5. PCNs for all links have been approved.
6. Proposals for all civil construction received, negotiated, and contract modifications prepared. Over \$8M in contract amendments are being processed (Currently waiting on approval from Department of Finance & Administration).
7. All radio equipment has been manufactured by Aviat and is ready for factory acceptance testing (FAT). All network routers delivered to Aviat for installation with radios and included in FAT.
8. Preparing contract for professional engineering services to independently inspect civil construction sites – 8 inspections at each site.
9. Construction contractors (Aviat and TowerCom) performing detailed planning and preparations for beginning site construction in April 2012 – arrangements with subs, equipment rental, ordering materials (cement, rebar, etc.). Started installing new battery backup systems in equipment only locations (Albuquerque State Police and Cedro Peak).
10. Contracts for Network Engineering Services is being negotiated.
11. Obtained work permits for all Department of Transportation sites.
12. Coordinated all procedures and inspections with the State of New Mexico Construction Industries Division.
13. Updating the Master Schedule for all equipment deliveries, construction, and implementation activities.

700 LTE Project

1. Formed Executive Steering Committee (ESC) and Technical Users Group (TUG). ESC “Meet and Greet” in January 2012 and TUG “Visioning Session” held in February 2012.
2. Televote contract signed January 2012. Draft deliverables – Needs Assessment and System Specifications delivered in March 2012.
3. Began LTE RFP preparations in March 2012. However, preparations delayed due to advent of FirstNet Legislation and guidance from NTIA. Plans are to proceed with planning, site selection, and design.

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	32	All equipment was ordered (over \$14M encumbered), but only 30% has been accepted and paid for during the quarter. Construction has been delayed awaiting final design completion and approvals. 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 \$17,818,693 Percentage 38% 700MHz LTE Percentage Completed is based on: LTE \$8,681,001 Cash Match \$0.00 Total \$8,681,001 Expended \$0.00 Percentage 0%

	Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or subsequent written updates provided to your program officer)
			Overall Percentage Completed is based on: Middle Mile \$38,699,997 Cash Match \$5,399,999 In-Kind Match \$11,600,004 Total \$55,700,000 Expended \$17,818,693 Percentage 32%
2b.	Environmental Assessment	100	No Variance
2c.	Network Design	82	100% of the DMW design has been completed, no design for LTE can start until an equipment decision has been made/directed.
2d.	Rights of Way	0	N/A
2e.	Construction Permits and Other Approvals	45	Permits have been obtained for 13 of the 29 construction sites. Paperwork for remaining permits are in process.
2f.	Site Preparation	0	Civil construction has not commenced. Pre-construction meetings have been held for Milan, Roswell, and Las Vegas SP sites. Construction can begin once contract amendments receive final approval.
2g.	Equipment Procurement	45	All routers, radio's, antenna's, shelters and generators for DMW have been ordered. Of that 82% has been paid for.
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	1	Batteries have been deployed to two sites final installs are scheduled for Q2Y3. Delays in contract processing has pushed out construction start dates. DMW Equipment (antennas, radios & routers) deployment will begin Q4Y2 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):	58	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

Indicator	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
Existing network miles upgraded	0	Construction has not commenced. Network miles will be 'upgraded' as the radio and network equipment is brought on-line over the next 6 to 8 months.
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	Construction has not commenced. 700 MHz LTE RFP for design is being drafted.
Number of new towers	0	Construction has not commenced. DMW is replacing 24 towers. Towers are being delivered and current plans are to have all towers assembled by the end of Q2Y3.
Number of new and/or upgraded interconnection points	0	Construction has not commenced. 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 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

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	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	0	Based on last 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.
	Subscribers receiving new access	0	Based on last 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.
	Subscribers receiving improved access	0	Based on last 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.
	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 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
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
 1. Civil Construction will begin on at least thirteen sites.
 2. 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.
 3. Implementation of RF equipment will begin at the Equipment Only designated sites.
 4. DoIT staff will do final acceptance and payments for remaining equipment.
 5. Radio System Training for State and Contractor personnel will be conducted with Certification Test administered.
 700MHz LTE
 1. Establish State Price Agreements for 700MHz LTE equipment (Price Agreements only, NO Purchases) via an Invitation To Bid.
 2. Will issue a Request For Proposal for 700MHz Professional Services with the expectation to establish a Statewide Price Agreement on a Deliverable (Task Order) basis.

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	54	No funds will be expended on 700MHz LTE equipment until directed by NTIA/Firstnet. 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 \$29,869,280 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: Middle Mile \$38,699,997

	Milestone	Planned Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information)
			Cash Match \$5,399,999 In-Kind Match \$11,600,004 Total \$55,700,000 Expended \$29,869,280 Percentage 54%
2b.	Environmental Assessment	100	No Variance
2c.	Network Design	82	100% of the DMW design has been completed, no design for LTE can start until an equipment decision has been made/directed.
2d.	Rights of Way	0	N/A
2e.	Construction Permits and Other Approvals	95	Expected delays in getting permits processed through other federal agencies.
2f.	Site Preparation	60	Expected that 20 of the 29 sites will have begun construction.
2g.	Equipment Procurement	50	All DMW equipment will have been procured and paid for except the Security Systems, which will have been ordered but will not be paid for until delivered and installed. Batteries will have been paid for, but installation will be contingent on construction schedules. We do not expect to expend any funds on LTE equipment this quarter.
2h.	Network Build (all components - owned, leased, IRU, etc.)	20	Installation will be in conjunction with the RF installation. Equipment installation will not begin until mid-to-late May.
2i.	Equipment Deployment	50	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.
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):	64	Assumes management, administrative, and legal effort is linear across 36 month grant period.

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 is already looking at the possibility of closing forest areas.
- 2) Equipment purchases for the 700MHz LTE system are delayed due to the status of FirstNet.

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	\$2,708,999	\$0	\$2,708,999	\$611,703	\$0	\$611,703	\$770,000	\$0	\$770,000
b. Land, structures, right-of-ways, appraisals, etc.	\$3,390,037	\$0	\$3,390,037	\$92,709	\$0	\$92,709	\$2,359,690	\$2,245,188	\$114,502
c. Relocation expenses and payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Architectural and engineering fees	\$7,314,083	\$0	\$7,314,083	\$931,257	\$0	\$931,257	\$1,800,000	\$0	\$1,800,000
e. Other architectural and engineering fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
f. Project inspection fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
g. Site work	\$1,860,283	\$1,350,783	\$509,500	\$0	\$0	\$0	\$102,000	\$0	\$102,000
h. Demolition and removal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
i. Construction	\$5,563,136	\$4,049,216	\$1,513,920	\$0	\$0	\$0	\$850,000	\$0	\$850,000
j. Equipment	\$23,203,458	\$0	\$23,203,458	\$4,583,020	\$0	\$4,583,020	\$12,387,586	\$2,752,260	\$9,635,326
k. Miscellaneous	\$11,660,004	\$11,600,004	\$60,000	\$11,600,004	\$11,600,004	\$0	\$11,600,004	\$11,600,004	\$0
l. SUBTOTAL (add a through k)	\$55,700,000	\$17,000,003	\$38,699,997	\$17,818,693	\$11,600,004	\$6,218,689	\$29,869,280	\$16,597,452	\$13,271,828
m. Contingencies									
n. TOTALS (sum of l and m)	\$55,700,000	\$17,000,003	\$38,699,997	\$17,818,693	\$11,600,004	\$6,218,689	\$29,869,280	\$16,597,452	\$13,271,828

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