

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) 12-31-2013	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 Irene Sanchez	7c. Telephone (area code, number and extension) X
	7d. Email Address Irene.Sanchez@state.nm.us

7b. Signature of Certifying Official Submitted Electronically	7e. Date Report Submitted (MM/DD/YYYY): 03-04-2014
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Project Indicators (This Quarter)

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

DMW:

Finished major construction at 27 sites.

Construction is delayed at Eureka and Coyote until Spring, 2014 due to weather.

Continued installation of antennas, waveguides, radios, and routers at all remaining sites.

Brought up 46 links for "burn in" and testing totaling almost 1400 miles.

Started transition from "old legacy network" to new BTOP network.

LTE:

Have made contact with Customs Border Protection (CBP). Meeting scheduled for February 24, 2014.

Starting Request for Proposal (RFP) for 700 LTE Equipment, Professional Services, and Implementation.

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	82	<p>Additional equipment for the new approved sites was ordered. All previously ordered equipment has been accepted and paid for. Construction has been started and is ongoing at 26 sites. The numbers following are based on the last approved budget.</p> <p>Percentage breakdowns:</p> <p>Middle Mile Percentage Completed is based on: Middle Mile \$31,984,498 Cash Match \$5,399,999 In-Kind Match \$11,600,004 Total \$48,984,501 Expended \$43,760,075 Percentage 89.3%</p> <p>700MHz LTE Percentage Completed is based on: LTE \$4,006,500 Cash Match \$0 Total \$4,006,500 Expended \$0 Percentage 0.0%</p> <p>Admin. & Legal Percentage Completed is based on: Total \$2,708,999 Expended \$2,358,455 Percentage 87.1%</p> <p>Admin. funds have been expended for general project support to include legal support for LTE Spectrum Lease Agreement negotiations.</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 \$46,118,527 Percentage 82.8%</p>
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	100	No variance																
2d.	Rights of Way	0	NA																
2e.	Construction Permits and Other Approvals	88	No variance; permission to begin/permits from USFS Santa Fe were received in September. There are no planned construction permits for LTE since we will be utilizing existing infrastructure. There may be a few individual permits for the new antennas/systems.																
2f.	Site Preparation	90	Site prep has been completed at all but two of the USFS sites.																
2g.	Equipment Procurement	87	<table border="1"> <thead> <tr> <th></th> <th>Budget Amt.</th> <th>Amt. Spent</th> <th>% Spent</th> </tr> </thead> <tbody> <tr> <td>DMW</td> <td>\$17,293,715</td> <td>\$16,687,691</td> <td>96.5</td> </tr> <tr> <td>LTE</td> <td>\$ 2,443,000</td> <td>\$0</td> <td>0.0</td> </tr> <tr> <td>Overall</td> <td>\$19,736,715</td> <td>\$16,687,691</td> <td>84.5</td> </tr> </tbody> </table>		Budget Amt.	Amt. Spent	% Spent	DMW	\$17,293,715	\$16,687,691	96.5	LTE	\$ 2,443,000	\$0	0.0	Overall	\$19,736,715	\$16,687,691	84.5
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LTE	\$ 2,443,000	\$0	0.0																
Overall	\$19,736,715	\$16,687,691	84.5																
2h.	Network Build (all components - owned, leased, IRU, etc)	64	Nearly 1400 DMW miles have been turned up for "burn in" and testing.																
2i.	Equipment Deployment	90	The following DMW equipment has been installed: Shelters - 22 of 24 Towers - 23 of 25 Batteries - 36 of 36 Radio & network equipment has been installed at all but two sites.																
2j.	Network Testing	83	Network equipment has been installed at all but 2 DMW sites and been turned up for initial testing. Two DMW sites and estimated 9 LTE remain to be finished. Final testing of DMW sites will be completed in the second quarter of CY2014.																
2k.	Other (please specify):	63	Assuming management, administrative, and legal effort is linear across the 60 month grant period, this would be considered 68% complete. Based on actual expenditures, the percentage complete would be 63.0%.																

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).

Due to scheduling conflicts, the meeting with Customs Border Protection (CBP) has been delayed until Monday, February 24, 2014 at 1400 hours in El Paso, Texas.

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	NA
New network miles leased	0	NA
Existing network miles upgraded	1,400	46 links have been turned up for "Burn in" and testing.
Existing network miles leased	0	NA
Number of miles of new fiber (aerial or underground)	0	NA
Number of new wireless links	0	DoIT has signed a Spectrum Lease Agreement with FirstNet.
Number of new towers	23	23 towers have been completed. The final towers will be delayed until Q2CY14.

Indicator	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
Number of new and/or upgraded interconnection points	0	Construction has completed at 27 sites. The interconnect points will be upgraded as part of the construction which is expected to be completed first quarter of CY2014.

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	0	N/A
	Subscribers 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)
	Subscribers receiving improved access	0	N/A
	Please identify the speed tiers that are available and the number or subscribers for each	0	N/A
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:

Due to contract delays and weather, the Network transition from the "old legacy network" to the new BTOP network has been delayed. Once contracts are approved; DoIT will continue the upgrade and testing of the remaining 32 non-BTOP links for compatibility and testing of our BTOP Network Operations Center (NOC).

No new miles are projected for the first quarter. No Community Anchor Institutions (CAIs) are to be connected for the first quarter.

LTE:
 Work will begin on the 700 LTE Request for Proposal (RFP). Work will begin on the LTE design pending discussion outcome with CBP. DoIT will continue to negotiate Memorandum of Understanding (MOU) with the State of Texas and potential Federal partners.

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	83	The DMW portion will be almost complete. The LTE project Spectrum Lease Agreement was signed. Still in the early stages of negotiating MOA's/Leases with Texas and other Stakeholders (Federal Agencies, Counties, etc.) and starting developing the 700 LTE RFP. Percentage breakdowns: Middle Mile Percentage Completed is based on: Middle Mile \$31,984,498 Cash Match \$5,399,999 In-Kind Match \$11,600,004 Total \$48,984,501 Expended \$44,037,509 Percentage 89.9% 700MHz LTE Percentage Completed is based on: LTE \$4,006,500 Cash Match \$0 Total \$4,006,500 Expended \$0 Percentage 0.0% Admin & Legal Percentage Completed is based on: Total \$2,708,999 Expended \$2,423,389 Percentage 89.5% Admin funds have been expended for general project support to include legal support for LTE Spectrum Lease Agreement negotiations. 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 \$46,460,898 Percentage 83.4%																
2b.	Environmental Assessment	100	No variance																
2c.	Network Design	100	No variance																
2d.	Rights of Way	0	NA																
2e.	Construction Permits and Other Approvals	88	Pending the outcome of the February 24, 2014 CBP meeting, the number of permits and other approvals will be determined.																
2f.	Site Preparation	93	2 of the DMW sites will not begin until Q2CY14.																
2g.	Equipment Procurement	88	<table border="1" data-bbox="755 1722 1526 1827"> <thead> <tr> <th>Area</th> <th>Budget Amt.</th> <th>Amt. Spent</th> <th>% Spent</th> </tr> </thead> <tbody> <tr> <td>DMW</td> <td>\$17,293,715</td> <td>\$16,790,659</td> <td>97.1</td> </tr> <tr> <td>LTE</td> <td>\$ 2,443,000</td> <td>\$ 0</td> <td>0.0</td> </tr> <tr> <td>Overall</td> <td>\$19,736,715</td> <td>\$16,790,659</td> <td>85.1</td> </tr> </tbody> </table> 97% of the DMW equipment will have been purchased. The remaining 3% will be purchased the following quarter. The remaining 12% of the total equipment budget is for LTE equipment. This will be purchased in a later quarter after design has been completed.	Area	Budget Amt.	Amt. Spent	% Spent	DMW	\$17,293,715	\$16,790,659	97.1	LTE	\$ 2,443,000	\$ 0	0.0	Overall	\$19,736,715	\$16,790,659	85.1
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	Milestone	Planned Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information)
2h.	Network Build (all components - owned, leased, IRU, etc.)	64	All links (BTOP/non-BTOP) will be up with a large percentage operational. Only those the new links at Coyote and Eureka will not be completed due to winter weather and contract issues.
2i.	Equipment Deployment	90	All DMW equipment operational except at two sites to be constructed. Delay incurred due to winter weather and contract issues.
2j.	Network Testing	90	Limited network testing as part of installation will be nearly completed. Final testing will be completed on many of the links with the links going into a production status.
2k.	Other (please specify):	70	Assumes management, administrative, and legal effort is linear across the 60 month grant period. This has been recalculated due to the 24 month extension.

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).

Weather (cold/snow) at higher elevations in Northern New Mexico regions will prevent the start of construction at Coyote and Eureka. Weather (cold/snow) at Cathey Peak in Southern New Mexico has hampered/delayed due to delay in tree cutting for microwave line of site to link to Caballo.

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	\$2,358,455	\$0	\$2,358,455	\$2,423,389	\$0	\$2,423,389
b. Land, structures, right-of-ways, appraisals, etc.	\$2,384,958	\$2,245,188	\$139,770	\$2,376,245	\$2,245,188	\$131,057	\$2,376,245	\$2,245,188	\$131,057
c. Relocation expenses and payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Architectural and engineering fees	\$9,050,224	\$65,693	\$8,984,531	\$5,948,349	\$1,605	\$5,946,744	\$6,109,349	\$1,605	\$6,107,744
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	\$2,157,993	\$0	\$2,157,993	\$1,421,698	\$0	\$1,421,698	\$1,421,698	\$0	\$1,421,698
h. Demolition and removal	\$1,500,000	\$0	\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$0
i. Construction	\$6,501,107	\$0	\$6,501,107	\$5,662,000	\$0	\$5,662,000	\$5,675,466	\$0	\$5,675,466
j. Equipment	\$19,736,715	\$3,089,118	\$16,647,597	\$16,687,691	\$3,089,118	\$13,598,573	\$16,790,659	\$3,089,118	\$13,701,541
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	\$46,054,442	\$16,935,915	\$29,118,527	\$46,396,810	\$16,935,915	\$29,460,895
m. Contingencies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
n. TOTALS (sum of l and m)	\$55,700,000	\$17,000,003	\$38,699,997	\$46,054,442	\$16,935,915	\$29,118,527	\$46,396,810	\$16,935,915	\$29,460,895

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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