

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 NT10BIX5570055	3. DUNS Number 800021990
4. Recipient Organization Navajo Tribal Utility Authority Company Highway 12 N, Fort Defiance, AZ 86504		
5. Current Reporting Period End Date (MM/DD/YYYY) 12-31-2010	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 Monroe Keedo	7c. Telephone (area code, number and extension) 9287296282	
	7d. Email Address monroek@ntua.com	
7b. Signature of Certifying Official Submitted Electronically	7e. Date Report Submitted (MM/DD/YYYY): 02-16-2011	

Project Indicators (This Quarter)

1. Please describe significant project accomplishments completed during this quarter (600 words or less).
 Significant project accomplishments completed during this quarter include the following: The majority of the request for proposal (RFP) process has been completed; both loose tube fiber optic cable and optical ground wire (OPGW) have been ordered. Concrete and Fiberglass Shelters, generators, and the electronics required to light the fibers have been ordered. The contractors required to physically build the broadband system have been chosen and are ready for construction as soon as materials arrive. Contractors for building tower sites have been finalized for two tower locations and four more tower RFPs are in process.

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	15	No Variance
2b.	Environmental Assessment	100	No Variance
2c.	Network Design	100	No Variance
2d.	Rights of Way	50	100% of ROW has been completed for the Fiber Optic Backbone, Projecting completion of ROW for laterals and towers by end of next quarter
2e.	Construction Permits and Other Approvals	100	No Variance
2f.	Site Preparation	10	No Variance
2g.	Equipment Procurement	50	No Variance
2h.	Network Build (all components - owned, leased, IRU, etc)	0	<p>The reason for variances from the baseline for the fiber miles deployed is as follows:</p> <p>Delay is due to receipt of fiber orders and compliance with Rural Utility Service (RUS) regulations. The NTUA initiated its procurement process consistent with the terms of the Grant Award, e.g., did not place orders for certain material until after the Environmental Assessment had been completed. Since that time, NTUA staff has been working diligently to complete material and equipment orders to meet the overall project schedule.</p> <p>Further, NTUA has additionally faced the task of having the material installed on RUS-backed infrastructure be approved by RUS. Unfortunately, such approval can only occur after the vendor has been selected and installation specifics are known.</p> <p>In addition to the protracted procurement process, NTUA has also been improving upon its existing materials management plan, working with NTUA Safety department to implement a plan for flaggers, road crossing, etc... The NTUA safety department has also instituted a training plan to instruct the contractors on following both NTUA Safety rules as well as any state or federal regulations. Additionally, in as a cost saving and safety measure, the telecommunications staff and electrical engineering departments are coordinating to develop a construction plan in energized (hot) and de-energized (cold) zones. The purpose of the hot/cold plan is to reduce costs; the cost for energized (hot) work is three times as expensive as cold work.</p> <p>Our Response regarding towers and wireless links:</p> <p>Delay is due to the completion of the procurement, as described above.</p>

	Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or subsequent written updates provided to your program officer)
			Further, due to the weather conditions at the end of the year construction of the towers has been further delayed. Under such cold weather and snow on the ground, foundations have a risk to break. Any delay related to in wireless links is directly related to the towers; once the towers are in place, the wireless links can be connected. The contracts for towers should be completed shortly and with the improving weather conditions, we anticipate catching up on the tower builds during the spring and summer.
2i.	Equipment Deployment	0	No Variance
2j.	Network Testing	0	No Variance
2k.	Other (please specify):	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).

Challenges faced during quarter 4 include the following: Training Staff on following the rules and procedures as stipulated in the grant guidelines, finalizing all procurement contracts and ordering materials to commence construction, and finishing the right of way (ROW) process.

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	<p>The reason for variances from the baseline for the fiber miles deployed is as follows:</p> <p>Delay is due to receipt of fiber orders and compliance with Rural Utility Service (RUS) regulations. The NTUA initiated its procurement process consistent with the terms of the Grant Award, e.g., did not place orders for certain material until after the Environmental Assessment had been completed. Since that time, NTUA staff has been working diligently to complete material and equipment orders to meet the overall project schedule.</p> <p>Further, NTUA has additionally faced the task of having the material installed on RUS-backed infrastructure be approved by RUS. Unfortunately, such approval can only occur after the vendor has been selected and installation specifics are known.</p> <p>In addition to the protracted procurement process, NTUA has also been improving upon its existing materials management plan, working with NTUA Safety department to implement a plan for flaggers, road crossing, etc... The NTUA safety department has also instituted a training plan to instruct the contractors on following both NTUA Safety rules as well as any state or federal regulations. Additionally, in as a cost saving and safety measure, the telecommunications staff and electrical engineering departments are coordinating to develop a construction plan in energized (hot) and de-energized (cold) zones. The purpose of the hot/cold plan is to reduce costs; the</p>

Indicator	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
		cost for energized (hot) work is three times as expensive as cold work.
New network miles leased	0	No Variance
Existing network miles upgraded	0	No Variance
Existing network miles leased	0	No Variance
Number of miles of new fiber (aerial or underground)	0	Please refer to New Network miles deployed
Number of new wireless links	0	Currently waiting on tower build out.
Number of new towers	0	Variations from the baseline regarding towers and wireless links: Delay is due to the completion of the procurement, as described in the new network miles deployed area. Further, due to the weather conditions at the end of the year, construction of the towers has been further delayed. Under such cold weather and snow on the ground, foundations have a risk to break. Any delay related to in wireless links is directly related to the towers; once the towers are in place, the wireless links can be connected. The contracts for towers should be completed shortly and with the improving weather conditions, we anticipate catching up on the tower builds during the spring and summer.
Number of new and/or upgraded interconnection points	0	No Variance

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	6
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:
None

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:

Please refer to attachment 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	No Variance
	Providers with signed agreements receiving improved access	0	No Variance
	Providers with signed agreements receiving access to dark fiber	0	No Variance
	Please identify the speed tiers that are available and the number of subscribers for each	0	No Variance
	Total subscribers served	0	Please refer to Question #4 (network miles deployed)
	Subscribers receiving new access	0	Please refer to Question #4 (network miles deployed)
Community Anchor Institutions (including Government institutions)	Subscribers receiving improved access	0	Please refer to Question #4 (network miles deployed)
	Please identify the speed tiers that are available and the number of subscribers for each	0	Please refer to Question #4 (network miles deployed)
	Entities passed	0	Please refer to Question #4 (network miles deployed)
Residential / Households	Total subscribers served	0	Please refer to Question #4 (network miles deployed)
	Subscribers receiving new access	0	Please refer to Question #4 (network miles deployed)
	Subscribers receiving improved access	0	Please refer to Question #4 (network miles deployed)
	Please identify the speed tiers that are available and the number of subscribers for each	0	Please refer to Question #4 (network miles deployed)
	Entities passed	0	Please refer to Question #4 (network miles deployed)
Businesses	Total subscribers served	0	Please refer to Question #4 (network miles deployed)
	Subscribers receiving new access	0	Please refer to Question #4 (network miles deployed)
	Subscribers receiving improved access	0	Please refer to Question #4 (network miles deployed)
	Please identify the speed tiers that are available and the number of subscribers for each	0	Please refer to Question #4 (network miles deployed)
	Entities passed	0	Please refer to Question #4 (network miles deployed)

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	Are you also the broadband service provider	Narrative description of how anchor institutions are using BTOP-funded infrastructure
------------------	-------------------------------	--	---	---

		baseline)	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).
 Significant project accomplishments planned for completion during this quarter are as follows: Procurement of all materials and equipment to begin construction of fiber optic backbone, creating a materials management plan to handle logistics problems, and finalizing agreements with wholesale and last mile providers.

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	20	No Variance
2b.	Environmental Assessment	100	No Variance
2c.	Network Design	100	No Variance
2d.	Rights of Way	75	100% of ROW has been completed for the Fiber Optic Backbone, Projecting completion of ROW for laterals and towers by end of quarter.
2e.	Construction Permits and Other Approvals	100	No Variance
2f.	Site Preparation	25	No Variance
2g.	Equipment Procurement	75	No Variance
2h.	Network Build (all components - owned, leased, IRU, etc.)	21	No Variance
2i.	Equipment Deployment	10	No Variance
2j.	Network Testing	5	No Variance
2k.	Other (please specify):	0	N/A

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).
 Challenges anticipated during the next quarter include logistics and coordination between the fiber optic cable vendors, construction contractors, and NTUA warehouse, finishing the make ready, and finalizing the ROW.

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	\$100,000		\$100,000	\$99,145		\$99,145	\$855		\$855
b. Land, structures, right-of-ways, appraisals, etc.	\$890,000	\$250,000	\$640,000	\$820,315	\$246,094	\$574,220	\$69,685	\$3,906	\$65,780
c. Relocation expenses and payments									
d. Architectural and engineering fees	\$1,996,658	\$800,000	\$1,196,658	\$544,432	\$163,330	\$381,102	\$250,000	\$75,000	\$175,000
e. Other architectural and engineering fees	\$9,600		\$9,600				\$4,500		\$4,500
f. Project inspection fees									
g. Site work	\$3,529,823		\$3,529,823	\$100,132		\$10,132	\$199,089		\$199,089
h. Demolition and removal									
i. Construction	\$36,736,021	\$12,171,577	\$24,564,444	\$484,822	\$145,447	\$339,375	\$1,065,000	\$319,500	\$745,500
j. Equipment	\$2,253,000	\$490,958	\$1,762,042	\$695,226	\$208,568	\$486,658	\$150,000	\$45,000	\$105,000
k. Miscellaneous	\$387,500		\$387,500	\$5,427		\$5,427	\$7,500		\$7,500
l. SUBTOTAL (add a through k)	\$45,902,602	\$13,712,535	\$32,190,067	\$2,749,499	\$763,439	\$1,896,059	\$1,746,629	\$443,406	\$1,303,224
m. Contingencies									
n. TOTALS (sum of l and m)	\$45,902,602	\$13,712,535	\$32,190,067	\$2,749,499	\$763,439	\$1,896,059	\$1,746,629	\$443,406	\$1,303,224

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
---	--------------------------------