

RECIPIENT NAME:North Florida Broadband Authority

AWARD NUMBER: NT10BIX5570023

DATE: 02/23/2011

OMB CONTROL NUMBER: 0660-0037

EXPIRATION DATE: 12/31/2013

ANNUAL 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

NT10BIX5570023

3. DUNS Number

831497651

4. Recipient Organization

North Florida Broadband Authority 1500 Mahan Drive Suite 250, Tallahassee, FL 32308-5177

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

12-31-2010

6. Is this the last Annual 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

Patrick Lien

System Manager

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

4077019037

7d. Email Address

plien@govserv.com

7b. Signature of Certifying Official

Submitted Electronically

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

02-23-2011

OVERALL PROJECT PERFORMANCE INDICATORS

1. Please provide the following average cost figures for your project. Please review the instructions to determine how to calculate these figures. Write "0" in the second column and "N/A" in the third column if your project does not yet have this information. Depending on whether your project contains Middle Mile and/or Last Mile components, some metrics may not apply. Please provide a narrative description if the total is different from the target provided in your baseline plan (600 words or less).

Cost Indicator	Average Cost / Speed	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
Average cost per new mile (Middle Mile)	0	Equipment procurement is underway; however, actual deployment has not started, and no portion of the network is available for service yet. Therefore, there is no cost per mile indicated for this report.
Average cost per household passed (Last Mile)	0	This project is a Middle Mile network. However, we will work with our Local Access providers to collect and report on this data as it becomes available.
Average cost per subscriber (Last Mile)	0	This project is a Middle Mile network. However, we will work with our Local Access providers to collect and report on this data as it becomes available.
Maximum broadband speed advertised (Middle Mile)	1 Gbps	Available speed tiers will begin at 10 Mbps, in increments of 10 Mbps to 100 Mbps. Service to 1 Gbps will be available, but we have conservatively estimated that we will only add customers at that level of service beyond year 3.
Maximum broadband speed advertised (Last Mile)	0	This project is a Middle Mile network. However, we will work with our Local Access providers to collect and report on this data as it becomes available.
Average broadband speed provided (Middle Mile)	100 Mbps	Available speed tiers will begin at 10 Mbps, in increments of 10 Mbps to 100 Mbps, and we anticipate that most of our customers will fall into that level of service. Service to 1 Gbps will be available, but we have conservatively estimated that we will only add customers at that level of service beyond year 3.
Average broadband speed provided (Last Mile)	0	This project is a Middle Mile network. However, we will work with our Local Access providers to collect and report on this data as it becomes available.

2. Please provide each facility name and type, the county where the facility is located, and census tract information for any facilities funded by your project during this annual reporting period. Report only facilities for which construction has been completed.

Facility Identifier / Name	Facility Type	County	Census Tracts
N/A. We are licensing co-location facilities and space on existing commercial towers and in-kind vertical assets. There is no new construction for this project.	N/A	N/A	N/A

Add Facility

Remove Facility

3. Please identify (1) the total number of interconnection, peering, and/or transit agreements entered into during this annual reporting period; (2) the total number of agreements of each type that you are currently negotiating; and (3) whether you have denied any request for interconnection and if so, why. If you have not entered into any agreements, please write "N/A."

Interconnection Agreements (600 words or less)

N/A. We are continuing to finalize products and pricing with pre-deployment service level agreements. We have continuing dialogue with carriers, re-sellers, and community anchor institutions, with the expectation of signing several after pricing and service level agreements are finalized. While we have not yet signed agreements with other providers as yet, the pricing and ability to describe the value proposition is imminent, and we anticipate the signing of several agreements this quarter and next. We have not denied any request for interconnection.

Peering and Transit Agreements (600 words or less)

N/A. As noted above, we are developing products and pricing with pre-deployment service level agreements, and developing dialogue with carriers, re-sellers, and community anchor institutions, with the expectation of signing several after pricing and service level agreements are finalized. Also, the network design is committed to meeting the stringent quality of service and reliability standards set by the State of Florida for providing transport and direct internet access (as a last mile provider of last resort) to State agencies. Once deployed, the NFBA network will be qualified to serve State offices, community colleges, and their last mile network partners.

CAPACITY, UTILIZATION, AND CAPABILITY INDICATORS

4. Community Anchor Institutions: In the chart below, please provide information on the types of community anchor institutions capable of receiving service (i.e., anchor institutions connected to your network plus those passed by your network) as a result of BTOP funds.

Type of Community Anchor Institution	Total Number Within Service Area	Type of Community Anchor Institution	Total Number Within Service Area
Schools (K-12)	0	Public Housing	0
Libraries	0	Other Institutions of Higher Education	0
Medical and Healthcare Providers	0	Other Community Support Organizations	0
Public Safety Entities	0	Other Government Facilities	0
Community Colleges	0	Total Community Anchor Institutions	

5. Please indicate the average increase in broadband speed provided to the community anchor institution customers as a result of your project, including a description of how this increase was calculated (600 words or less).

Preliminary research indicates that current broadband speed available for community anchor institutions is less than 6 Mbps, according to survey respondents that were asked to identify their ISP's advertised speed. Actual speeds measured at individual workstations can be substantially less than advertised speeds. Therefore, we conservatively anticipate the average increase in broadband speed provided to be in the range of 5 Mbps to 95 Mbps, as 10 Mbps to 100 Mbps is the level of service range that we anticipate will be offered to most community anchor institutions.

6. What retail services are being provided by this project? Please describe below. (600 words or less). As an attachment to this report, please provide pricing plans (in \$ per month) associated with each retail service. Retail services description:

Planned services include Standard and Premium wholesale, enterprise, and e-Rate/discounted government Ethernet access.

Please see the attached preliminary pricing plan draft for the NFBA network.

7a. What network management policies (e.g., bandwidth limitations, traffic prioritization) are in place for the services provided by your project? 7b. Have you ever limited or blocked consumers from accessing any lawful content, service, service provider, or application, or prevented any consumers from attaching any legal device to the network? If so, please explain why (300 words or less)?

Network management policies are in compliance with the nondiscrimination and interconnection obligations outlined in the NOFA. When completed, the project will provide open, ubiquitous, Middle Mile access to broadband Internet services for both private entities and public institutions in the underserved areas of northern Florida.

We will display all non-discrimination practices in a prominent location on our web site and we will provide notice to customers of any changes to these policies. We are fully committed to offering wholesale access to the project facilities at reasonable rates and terms. We are also committed to binding private arbitration for any disputes concerning these interconnection obligations. Our network management practices and policies will adhere to the principles contained in the Federal Communications Commission's Internet Policy Statement and not show favoritism to any lawful Internet applications and content over others. The NFBA network will not be a private closed network, but will instead be connected to the public Internet directly and provide open access to all Internet resources. We will offer interconnection where technically feasible without exceeding current or reasonably anticipated capacity limitations on reasonable rates and terms to be negotiated with requesting parties.

8. If applicable, please provide the total number and the percentage of subscribers who have dropped the broadband service provided through this project (total number of households and/or businesses and the "churn rate") and the subscribers' reasons for discontinuing their service (600 words or less).

N/A. This project is a Middle Mile network that has not yet been deployed.

9. Please provide the following information regarding the number of fiber strand-miles:

Total Number of Strand-miles	Total Number of Active Fiber Strand-miles Used by Recipient	Total Number of Leased Fiber Strand-miles	Total Number of Dark Fiber Strand-miles	Total Number of Strand-miles Being Built		
				Active	Leased	Dark
0	0	0	0	0	0	0

10. If you wholesale dark fiber, please list your wholesale customers and the number of fiber miles you currently are leasing to those customers:

We will not be providing access to dark fiber, as we do not have that access.

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11. Please provide the following information regarding the facility collocation capacity:

Total Facility (total square feet for all facilities)	Number of Square Feet Used by Recipient	Number of Square Feet Leased	Number of Square Feet Available
292	292	292	292

12. If you do not own collocation space, please describe how and where other network providers and/or customers interconnect with your network (600 words or less).

The availability of any additional co-location space is yet to be determined, as is its necessity. Upstream IRU design configuration is complete, IRU with Level 3 is in place to connect the core middle mile network to the first mile Internet backbone, and circuit delivery is on schedule.

Interconnection for customers (last mile providers) will be accessed through switched IP/Ethernet multi-service access platforms located at each tower/wireless network link.

13. To the extent that you have made any subcontracts or sub grants, please provide the number of subcontracts or sub grants that have been made to socially and economically disadvantaged small business (SDB) concerns as defined by section 8(a) of the Small Business Act, 15 U.S.C. 647, as modified by NTIA's adoption of an alternative small business size standard for use in BTOP. Please also provide the names of these SDB entities (150 words or less).

We have not issued any subcontracts or subgrants.

14. Please describe any best practices/lessons learned that can be shared with other similar BTOP projects (900 words or less).

We improved our approach to network design, utilizing shorter links, more licensed towers, and lower cost ratios to yield greater reliability, greater capacity, and greater competition from more available manufacturers—all within the original overall project budget. This approach requires more time for site assessments (for existing commercial towers and in-kind vertical assets) and follow-up engineering and network design, but it yields improved efficiency and shortens the overall deployment schedule.

We are asking the Grants Office to review a draft template of our master tower license agreement in order to obtain verification that the contract language in the license agreement is in compliance with grant requirements.

We are also in the process of determining Davis-Bacon wage rate decisions for equipment installation laborers, and to that end we submitted an Award Action Request to the Grants Office (for our NFBA project) that included a Request for Authorization of Additional Classification and Rate (SF 1444) for proposed classification titles. We are also conducting our own research on this matter in order to move forward with the development of the Equipment Installation and Pathing RFP in an effort to avoid any delay to the release of this RFP and to subsequent equipment installation activities.

In addition, we are checking for previous/duplicate federal funding for targeted in-kind assets, per the Grants Office's request. Discovery of previous or duplicate federal funding for in-kind assets may or may not impact planned project progress, depending on the interpretation of this particular requirement. We are seeking to utilize only a limited amount of space on any given in-kind asset to mount microwave antennas and equipment; we are not seeking to utilize any in-kind asset in its entirety.

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