ANNUAL PERFORMANCE PROGRESS REPORT FOR BROADBAND INFRASTRUCTURE PROJECTS

General Information

1. Federal Agency and Organizational Element to Which Report is Submitted	2. Award Identification Number	3. DUNS Number
Department of Commerce, National Telecommunications and Information Administration	NT10BIX5570080	800782943

4. Recipient Organization

ONWAV INC. 4100 Plantation Drive, Cookeville, TN 38506-3011

5. Current Reporting Period End Date (MM/DD/YYYY)	6. Is this the last Annual Report of the Award Period?
12-31-2011	◯ 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	7c. Telephone (area code, number and extension)
Michael Powell	9315447224
	7d. Email Address
BTOP Project Implementation Manager	Mpowell@onwav.com

7b. Signature of Certifying Official	7e. Date Report Submitted (MM/DD/YYYY):
Submitted Electronically	02-24-2012

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	OnWav signed an IRU to acquire 190.44 miles of dark Middle Mile fiber for a total cost of $2,079,604.80. However, as this is all existing fiber so far, This section does not apply.
Average cost per household passed (Last Mile)	N/A	OnWav has not yet finished deployment of it's Last Mile wireless network. As a result, no homes are passed at this time. The initial households passed are expected to be turned up Q2 or Q3 2012
Average cost per subscriber (Last Mile)	N/A	OnWav has not yet finished deployment of it's Last Mile wireless network. As a result, there are no subscribers currently on the grant network. The initial households passed are expected to be turned up Q2 or Q3 2012.
Maximum broadband speed advertised (Middle Mile)	1 Gbps	OnWav anticipates being able to provide at least 1 Gbps. Once the network is closer to completion, OnWav expects to adjust this number upwards.
Maximum broadband speed advertised (Last Mile)	10 Mbps / 2Mbps	OnWav has not yet finished deployment of it's Last Mile wireless network. OnWav anticipates being able to provide 10 Mbps / 2 Mbps.
Average broadband speed provided (Middle Mile)	N/A	OnWav has not yet finished deployment of it's Last Mile wireless network. As a result, OnWav does not yet have any customers on the Middle Mile Network. OnWav anticipates being able to provide at least 130 Mbps.
Average broadband speed provided (Last Mile)	N/A	OnWav has not yet finished deployment of it's Last Mile wireless network. As a result, OnWav does not yet have any customers on the Last Mile Network. OnWav anticipates providing an average of 8 Mbps / 1.5 Mbps.

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	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)

OnWav is still in negotiation with wholesalers as well as last mile providers for interconnection, but has not yet completed any agreements. OnWav has not denied any requests for interconnection.

Peering and Transit Agreements (600 words or less)

OnWav is still in negotiation with wholesalers as well as last mile providers for interconnection, but has not yet completed any agreements. OnWav has not denied any requests for interconnection.

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)	25	Public Housing	21
Libraries	5	Other Institutions of Higher Education	6
Medical and Healthcare Providers	5	Other Community Support Organizations	18
Public Safety Entities	19	Other Government Facilities	49
Community Colleges	3	Total Community Anchor Institutions	151

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).

N/A. OnWav's network is still under construction and no sites have yet been turned up. As a result, no service has yet been made available to 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:

N/A. OnWav's network is still under construction and no sites have yet been turned up. As a result, no retail services have yet been made available. However, at such time, OnWav will meet all Non-discrimination requirements.

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)?
N/A. Policies under development. OnWav's network is still under construction and no sites have yet been turned up. As a result, no retail services have yet been made available. However, at such time, OnWav will meet all Non-discrimination requirements. OnWav has an Acceptable Use Policy which is posted on its website.

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

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
418	0	0	381	37	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:
N/A

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
0	0	0	0

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).

OnWav currently leases space at the Freeze St. Tower (with non-grant funds) which it already currently subleases some space to Solutions IT Consulting for collocation and Interconnection. More space is available for future Interconnection partners.

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).

OnWav has not made any subcontracts or sub grants to small disadvantaged Businesses (SDB).

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

OnWav has a couple lessons learned that can be shared with other similar BTOP projects:
 - Plan plenty of time for your RFP processes. Invariably, you will find that there are additional technical questions which need to be answered based on the RFP responses received, and you want to ensure you are not short-changing yourself by providing yourself insufficient time to review the responses and ask for clarifications from bidders.
 - Partner with local organizations. OnWav's new relationship with the local telephone cooperative has allowed it access to acquire dark fiber for the backhaul between it's tower locations. This backhaul will provide higher capacity and reliability than the microwave backhaul solution OnWav would need to deploy without the cooperation of the telephone cooperative.

15. Using the Excel spreadsheet template titled "Annual PPR CCI Addendum", please provide an updated list of Community Anchor Institutions (CAIs) that you have connected and plan to connect to your network.

16. Using the Excel spreadsheet template titled "Annual PPR CCI Addendum", please provide a list of community pairs that are receiving new or improved broadband service as a result of BTOP grant funds.

17. Please provide up-to-date network route maps in a single file, in a Google Earth compatible format (e.g., KMZ file).