



PARKER FIBERNET, LLC
APPALACHIAN VALLEY FIBER NETWORK, LLC
GEORGIA LIMITED LIABILITY COMPANIES

DATE: March 7, 2014

FROM: Deana Perry, CFO
Appalachian Valley Fiber Network, LLC

TO: Federal Communications Commission (FCC) Staff

SUBJECT: Expression of Interest – Rural Trials

Background

Parker FiberNet, LLC (PFN, LLC), located at 10005 Commerce Street, Summerville, GA 30747, was formed to build fiber optic network infrastructure for commercial public applications. Parker FiberNet received CLEC and OCC status in 1998. Parker FiberNet now operates a network that extends SONET protection from Athens, GA to Atlanta, GA, Atlanta to Chattanooga, TN and points in between supporting the Parker network in various locations. Parker FiberNet model builds fiber optic rings in medium sized cities that are often under served by larger companies who tend to focus on large, metropolitan areas.

Parker FiberNet, LLC is the sole owner of Appalachian Valley Fiber Network, LLC (AVFN, LLC). Appalachian Valley Fiber Network, LLC (AVFN, LLC) was awarded a Broadband Technology Opportunities Grant (BTOP) for construction of 187 miles of new fiber optic cable and electronics in Northwest Georgia and Eastern Alabama. The project was completed with a total constructed miles of 252, with total of more than 500 miles of high-capacity infrastructure. This was a middle mile project that deployed fiber in 8 Georgia counties including Bartow, Chattooga, Floyd, Gordon, Haralson, Paulding, Polk and Walker Counties, as well as, in the state of Alabama in Cleburne and Calhoun Counties.

By leveraging the infrastructure funded by BTOP, Parker FibeNet and Appalachian Valley Fiber Network (AVFN) are committed to expanding & enhancing its new and existing middle-mile fiber optic infrastructure by building out the last mile in order to serve the lower Appalachian Valley, which has been historically an impoverished area, lagging behind the rest of the country in areas such as education, healthcare, delivery of public services & job creation.

Geographic Territory

Parker FiberNet LLC/AVFN, LLC plans to provide access to affordable, high –speed internet service to the underserved areas of Northwest Georgia that lie in the foothills of the Appalachian Region. The last mile build out for underserved areas are located in the following counties Bartow, Chattooga, Floyd, Haralson, Gordon, Paulding, Polk, and Walker.

<u>Bartow</u>	<u>Chattooga</u>	<u>Floyd</u>	<u>Gordon</u>	<u>Haralson</u>	<u>Paulding</u>	<u>Polk</u>	<u>Walker</u>
13015960101	13055010100	13115000100	13129970100	13143010100	13223120101	13233010100	13295020100
13015960102	13055010300	13115000202	13129970200	13143010200	13223120102	13233010200	13295020200
13015960200	13055010600	13115000300	13129970300	13143010301	13223120103	13233010300	13295020301
13015960300		13115000600	13129970400	13143010302	13223120104	13233010400	13295020302
13015961000		13115000700	13129970500	13143010400	13223120202	13233010600	13295020400
		13115000800	13129970600		13223120204	13233010700	13295020602
		13115000900	13129970700		13223120302		13295020700
		13115001300	13129970800		13223120303		13295020800
		13115001400	13129970900		13223120400		13295020901
		13115001701			13223120501		13295020902
		13115001702			13223120502		
		13115001800			13223120503		
		13115002000			13223120605		
		13115002100					

List of Anchor Institutions

Lafayette Airport	141 Gasque Drive	LaFayette	GA	30728
Haralson Old Courthouse	Old Courthouse Square	Buchanan	GA	30113
Tallapoosa City Hall	25 East AL St	Tallapoosa	GA	30176
Public Works	25 East AL St	Tallapoosa	GA	30176
Senior Center	160 Windom St	Tallapoosa	GA	30176
Northwest Rec Park	605 Lynton Dr	Cedartown	GA	30125
Turner Center	254 Turner St	Cedartown	GA	30125
Goodyear Center	100 Prior St.	Cedartown	GA	30125
Main Sewer Lift Station	563 Branch St	Cedartown	GA	30125
Water Plant	301 Wisahickon Ave	Cedartown	GA	30125
Polk County School Food Service	2247 Old Cedartown Road	Cedartown	GA	30125
Polk County DTF	2243 Old Cedartown Road	Cedartown	GA	30125
Bartow County Govt Complex	135 West Cherokee Street	Cartersville	GA	30120
Bartow County Domestic Violence Shelter	205 N Gilmer St	Cartersville	GA	30120
Bartow County Magistrate	112 W Cherokee St	Cartersville	GA	30120
Calhoun Municipal Court	100 S Piedmont St	Calhoun	GA	30701
Calhoun City Admin Bldg	226 S Wall St	Calhoun	GA	30701
Calhoun Downtown Development	109 King St	Calhoun	GA	30701

Authority

Calhoun City Hall	443 Red Bud RD NE	Calhoun	GA	30701
Calhoun Municipal Utilities	700 W Line St	Calhoun	GA	30701
Calhoun Water Dept	260 Kirby Rd	Calhoun	GA	30701
Calhoun Sewer Dept	705 W Line St	Calhoun	GA	30701
Calhoun Water Treatment Facility	500 Mauldin Rd	Calhoun	GA	30701
Coppermine Sewage Treatment Facility	624 Coppermine Rd	Hiram	GA	30141
Chickamauga City Hall	103 Crittendon Ave.	Chickamauga	GA	30707
Georgia Northwest Technical College	1 Maurice Culberson Dr.	Rome	GA	30161
Georgia Northwest Technical College	127 Capitoline Drive	Rome	GA	30165
Chattooga County High School	898 Hwy 114	Summerville	GA	30747
Lyerly Elementary School	150 Oak Hill Rd	Lyerly	GA	30730
Summerville Elementary School	206 Penn Street	Summerville	GA	30730
Floyd Medical Family Practice	5764 New Calhoun Hwy	Rome	GA	30161
Floyd Medical Family Practice	97 Church Street	Talyorsville	GA	30178
Harbin Clinic	1060 Redbud Rd	Calhoun	GA	30107

Proposed Technology

We will offer broadband via fiber optic lines on an entirely fiber network, providing speeds of up to 1 Gig+ and VOIP services. Businesses, starting 150/150 Mbps (down/up), \$150.00 and Residential, starting 50/10 Mbps (down/up) \$50.00

Dedicated lines available up to 1 Gig +

State and/or Local or Tribal Government Participation in and/or Support for Project

We will leverage Parker Fibernet's existing Rights of Way and Infrastructure Agreements to reduce costs, as well as, accelerate permitting and deployment. As a result of the momentum coming from the recent Appalachian Valley Fiber Network BTOP project, expediting rights of way and other permits processes is expected.

Existing Providers

The current service providers for these areas are Windstream and Charter. Windstream offers up-to-DSL to its customers over what appears to be a legacy copper network. The service in most areas is often unreliable and insufficient. There are some pockets of the proposed geographic area that do not have a viable service provider.

Project Timeline

Parker FiberNet is ready to start building last mile fiber as soon as funding is available. This will be built off of BTOP funded AVFN middle mile lines that were recently constructed. As such, minimum effort is required of engineering and the permitting process. Therefore, the construction process could begin immediately.

Scalability

The project will be deployed in four phases with anticipation of completion within three years and can be phased based on funding.

Total Investment of Provider

PFN/AVFN is proposing a Capital Infrastructure Investment of \$ 7.4 million

Capital Investment

PFN/AVFN will provide an investment of \$1.85 million

Total Cost of Project

PFN/AVFN projects a total project cost of \$9.25 million

PFN/AVFN appreciates the opportunity to provide this non-binding expression of interest.

Respectfully,

A handwritten signature in blue ink, appearing to read "Deana Perry".

Deana Perry,
CFO
Appalachian Valley Fiber Network, LLC