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VIAECFS
March 7, 2014

Marlene H. Dortch, Secretary
Federal Communications Commission
445 Twelfth Street, S. W.
Washington, D.C. 20554
Attn: Wireline Competition Bureau

Re: WC Docket No. 10-90
Rural Broadband Experiment Expression of Interest for Price Cap Areas
SHELBY BROADBAND

Dear Ms. Dortch:

Avolutia, LLC dba Shelby Broadband hereby expresses interest in participating in the Commission's Rural Broadband Experiments to provide robust, scalable high-speed broadband to unserved high-cost areas. Shelby Broadband is an Internet Service Provider providing services via Fiber to the Home and Terrestrial Fixed Wireless. Our primary coverage area is approximately 2,000 square miles in rural areas covering 11 counties between and around Louisville and Lexington.

Proposed Service Area

We propose to offer services in the following listed county/tracts.

CountyName	TractID
Anderson	21005950100
Anderson	21005950202
Anderson	21005950300
Anderson	21005950400
Franklin	21073070401
Franklin	21073070402
Franklin	21073070600
Franklin	21073070701
Franklin	21073070702
Franklin	21073070800
Franklin	21073071000
Franklin	21073071100
Franklin	21073071200
Henry	21103090100
Henry	21103090200
Henry	21103090301
Henry	21103090302
Henry	21103090400
Mercer	21167960100
Mercer	21167960200
Mercer	21167960300
Mercer	21167960400
Mercer	21167960500
Scott	21209040203

Scott	21209040205
Scott	21209040301
Scott	21209040302
Scott	21209040303
Scott	21209040400
Scott	21209040501
Scott	21209040502
Scott	21209040601
Scott	21209040602
Scott	21209040603
Shelby	21211040101
Shelby	21211040102
Shelby	21211040200
Shelby	21211040401
Shelby	21211040402
Shelby	21211040501
Shelby	21211040502
Spencer	21215080101
Spencer	21215080102
Spencer	21215080103
Spencer	21215080200
Woodford	21239050103
Woodford	21239050200
Woodford	21239050300
Woodford	21239050400
Bourbon	21017030100
Bourbon	21017030300
Bourbon	21017030400
Bourbon	21017030500
Bourbon	21017030600
Harrison	21097950100
Harrison	21097950200
Harrison	21097950300
Harrison	21097950400
Harrison	21097950500
Fayette	21067003701
Fayette	21067003704
Fayette	21067003802
Fayette	21067003918
Fayette	21067004007
Fayette	21067004207

Existing Providers

Since block level detail was not provided, it is estimated that some of these areas are currently covered by: Time Warner Cable, AT&T, Windstream, and Shelby Broadband.

Proposed Services

We propose to offer voice and broadband services with transmission speeds of at least 3Mbps x 768kbps and up to 50Mbps x 2Mbps provided over Terrestrial Fixed Wireless technology and minimum transmission speeds starting at 10Mbps x 10Mbps and up to 1Gbps x 1Gbps provided over Fiber to the Home technology. We are proposing to install a hybrid Fiber/Wireless network. We propose to install over 100 miles of fiber and 80 wireless access points/links. Base package pricing would start at \$37.95/mth.

Local Support

Shelby Broadband has received numerous requests from citizens and community leaders in the targeted project area to bring high speed broadband to the area. There is a great deal of interest and demand that we are eager to address. Shelby Broadband already works with many county governments and municipalities to provide its services. Once the network is deployed, Shelby Broadband intends to work with federal, state, and local agencies to expedite availability of services.

Critical Community Facilities / Anchor Institutions

Shelby Broadband intends to serve multiple anchor institutions and critical community facilities in the funded areas. Additionally, high speed voice and broadband services in these areas would provide coverage for many of the large horse farms which support the local economy. Currently, Shelby Broadband provides service to multiple government building and facilities.

Eligible Telecommunications Carrier (ETC) Status

Although we do not currently have ETC status, we operate a company that has its Competitive Local Exchange Carrier (CLEC) license. We are currently in a working process to obtain ETC status.

Project Timeline

Total project timeframe is estimated to be completed within 3 years and would commence immediately.

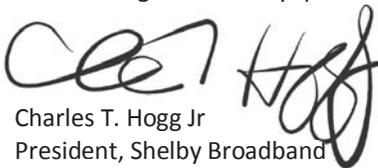
Scalability

By utilizing a hybrid approach, the network would be built in a way to provide security, redundancy, and geographic failover. The Wireless backbone will be built with capacity up to 1Gbps. Additionally, the fiber network would be installed with 10Gb access capable of being upgraded by using additional wavelengths.

Funding

Shelby Broadband estimates construction costs to be a total of \$10,000,000. Shelby Broadband requests \$10,000,000 in funding from Connect America Funds in a one-time funding and will fund the remaining capital and ongoing expenses to operate the system. The costs will be refined if and when a formal proposal is submitted.

Avolutia, LLC dba Shelby Broadband appreciates the opportunity to provide this non-binding expression of interest. Please contact the undersigned with any questions.



Charles T. Hogg Jr
President, Shelby Broadband