



March 7, 2014

Marlene H. Dortch, Secretary  
Federal Communications Commission  
445 12<sup>th</sup> Street, SW  
Washington, DC 20554

RE: WC Docket No. 10-90, Rural Broadband Experiment Expression of Interest

Dear Ms. Dortch:

Carolina Mountain Cablevision Inc. (CMC) hereby expresses interest in participating in the Commission's Connect America Phase II Experiment to provide scalable high-speed broadband internet service to the rural unserved areas of Haywood County, North Carolina (NC).

Carolina Mountain Cablevision Inc. is a franchised video service provider in Western North Carolina and provides residential and commercial institutions with very reliable and affordable Video, High-Speed Internet and VOIP services in the unincorporated areas of Haywood County, NC. CMC has been providing communication services since 2003 when it purchased an old dilapidated 330/450 MHZ cable system. CMC has since upgraded the entire existing infrastructure to 750/860 MHZ and deployed advance services to its customers within 2 years. CMC is committed to maintaining and extending our very robust infrastructure to insure that current and future customers receive the best experience with today's technology.

If CMC is awarded support under the Commission's Rural Broadband Experiment, we would be able to advance the deployment of FTTH services to the rural high-cost areas of Haywood County, NC that are currently unserved because of their challenging geographic and demographic characteristics. As such, data derived from this project would assist the Commission with exploring current assumptions regarding the viability of deploying broadband service to rural areas sharing the geographic and demographic characteristics of Haywood County, NC.

Please feel free to contact Terry Sersland at 828-926-2288 if you have any questions or need further information in regards to the Expression of Interest for Connect America Phase II Experiment.

Sincerely,

Terry Sersland  
Carolina Mountain Cablevision Inc.  
President and Chief Technician

## **Geographic Territory**

(CMC) is proposing to deploy a fiber to the home (**FTTH**) service to serve the census tracts identified below which the FCC has identified as potentially suitable for funding under this program. The eligible and extremely high cost census tracts that we propose to serve are as follows:

37087920101 - 3,393 residents - 2,483 homes - 54.18 sq. mi. area

37087920102 - 3,818 residents - 2,230 homes - 104.01 sq. mi. area

37087920200 - 6,625 residents - 3,048 homes - 28.76 sq. mi. area

37087920500 - 6,214 residents - 3,103 homes - 15.55 sq. mi. area

37087921301 - 4,182 residents - 2,141 homes - 73.60 sq. mi. area

37087921302 - 5,431 residents - 2,905 homes - 66.23 sq. mi. area

37087980100 - 10 residents - 14 homes - 95.68 sq. mi. area

The homes passed in our service area averages 10 homes per mile.

## **Proposed Technology**

CMC is planning on offering fiber-to-the-home (FTTH) services using RF over glass (RFOG) technology. CMC would upgrade the existing infrastructure to DOCSIS 3.0. Services offered will include high speed broadband, voice and television services. CMC will offer broadband speeds of 30 Mbps, 50 Mbps, 100 Mbps and 1 Gbps connections. These service offerings will be priced on a monthly basis accordingly:

\$39.99 for 30Mbps/1.25Mbps, \$59.99 for 50Mbps/2.5Mbps, \$79.99 for 100Mbps/5Mbps and \$459.99 for 1Gbps/25Mbps.

## **Project Timeline**

If CMC is awarded funding from the Connect America Fund Phase II Experiment, CMC would begin construction of the network immediately and anticipates completion of the proposed area within two years.

## **Funding**

The total capital needed for the proposed project is estimated to be \$25M.

Carolina Mountain Cablevision Inc. appreciates the opportunity to provide this non-binding expression of interest and will identify in more detail the cost associated with the project if and when a formal proposal is submitted.