



PO Box 664, 401 S. 1st Street
Cameron, WI 54822

March 7, 2014

Ms. Marlene Dortch
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Re: Expression of Interest Letter – WC Docket 10-90, Connect America Fund

Dear Ms. Dortch,

This letter is submitted to express interest in participating in the Rural Broadband Experiments. CTC Telcom, Inc. d/b/a Mosaic (“Mosaic”) is a competitive local exchange carrier providing wireline and wireless voice, internet and video services to rural consumers for nearly 20 years and high-speed broadband for nearly 10 years within the communities of Rice Lake, Barron and Chetek, Wisconsin with fiber optic services. This commitment to rural areas proves that Mosaic has the experience and dedication needed to successfully deploy broadband in unserved areas.

Broadband networks, particularly high-speed broadband networks, are expensive to build and cost recovery typically requires multiple years in rural high-cost areas and Mosaic is very interested in partnering with the FCC to conduct experiments to find creative ways of deploying high-speed, scalable, IP-based networks in rural high-cost areas. In particular, Mosaic recognizes the need for service to be available to local schools, hospitals and other anchor institutions to ensure rural economic development and opportunity for all Americans. To that end, Mosaic will take all steps to ensure our experiments maximize accessibility for all anchor institutions in the proposed areas. The details of our potential experiment may be found below.

Location of Potential Experiments

Mosaic is interested in providing service to eligible locations in Census Tracts within the eligible areas of Barron, Washburn, Burnett, Rusk and Polk Counties, Wisconsin. According to the FCC’s release of potentially eligible Tracts, there are 13,525 eligible locations within the Tract.

County Name	Census Tract Number	Number of Locations
Barron	55005000100	472
Barron	55005000200	140

Telephone: 715.458.5400
Fax: 715.458.2112
Toll Free: 1.800.924.3405
www.mosaictelecom.com

Barron	55005000300	229
Barron	55005000400	305
Barron	55005000800	151
Barron	55005000900	92
Barron	55005001001	4
Barron	55005001002	63
Burnett	55013970400	1917
Burnett	55013970600	716
Burnett	55013970700	548
Burnett	55013970800	161
Burnett	55013970900	5
Burnett	55013971000	124
Polk	55095960100	872
Polk	55095960200	30
Polk	55095960300	345
Polk	55095960500	126
Polk	55095960600	87
Polk	55095960700	136
Polk	55095960800	121
Polk	55095960900	118
Polk	55095961100	11
Rusk	55107960100	1134
Rusk	55107960200	204
Rusk	55107960300	189
Rusk	55107960400	919
Rusk	55107960500	1

Washburn	55129950100	1073
Washburn	55129950200	965
Washburn	55129950300	1115
Washburn	55129950500	568
Washburn	55129950600	584

Broadband Technology

Mosaic already provides fixed high-speed 4G wireless broadband and voice service in nearby areas and so Mosaic would extend its existing network to deploy broadband capable networks to provide service to all eligible locations within the above census Tracts.

Service Offerings

The IP Network described above would be capable of supporting voice, high-speed broadband of at least 4Mbps downstream and 1Mbps upstream up to an average of 6-7Mbps downstream. Anchor institutions would be able to receive broadband at similar speeds. The price of these services will be similar to Mosaic's current offerings to our existing customers, which is \$39.95 for 4/1Mbps service.

Necessary Funding

Mosaic estimates that this experiment will require \$9.2 million to construct the required facilities. Accordingly, the Company would require this amount in one time funding.

Mosaic thanks the FCC for the opportunity to participate in this process. Any questions about this letter of interest should be directed to Scott Behn at the information below.

Sincerely,

A handwritten signature in black ink that reads "N. Scott Behn".

N. Scott Behn
Chief Executive Officer
CTC Telcom, Inc.
dba Mosaic Telecom