



March 07, 2014

**Letter – Expression of Interest
VIA ECFS**

Chairman Thomas Wheeler
Commissioner Mignon Clyburn
Commissioner Jessica Rosenworcel
Commissioner Ajit Pai
Commissioner Michael O’Rielly
Jonathan Chambers
Federal Communications Commission
445 12th Street, SW 20024
Washington, DC

**Re: Expression of Interest – Rural Broadband Experiments
Connect America Fund, WC Docket No. 10-90**

Dear Chairman Wheeler, Commissioners, and Mr. Chambers,

This letter is to express RocketComm WiFi’s interest in receiving funding from the Rural Broadband Experiments announced at the January 30th FCC Open Meeting.

Background

We are Rocketcomm Wifi, LLC, with two locations:

Retail Store Front

1709-B Gornto Road Valdosta, GA 31601
Phone: (229) 796-4110

Corporate Office

1823 Plum Street Remerton, GA 31601
Phone: (678) 939-9939

RocketComm LLC, Manager(s) –

Employer Identification Number: 46-1158105 / **Duns Number:** 078764627

James Mahoney

1709-B Gornto Road Valdosta, GA 31601
Phone: (678) 939-9939



Jeff Godwin

1709-B Gornito Road Valdosta, GA 31601
Phone: (229) 460-7105

We proudly launched RocketComm WiFi on October 16, 2012 by James Mahoney and Jeff Goodwin in an effort to capitalize on the rapidly growing deployment of wireless communications and to create a niche market for its services and accessories.

RocketComm WiFi's management team consists of direct knowledge of the industry, extensive operational experience and diligent administrative ability. Our management team includes; Owner and CEO James Mahoney, President Jeff Godwin and VP of Operations Michael Ivy. Collectively, we share a combined 45+ years of experience in the telecommunication industry. Experiences include but not limited to; Cablevision Systems Corp, Comcast, Connexion Technologies, Hotwire Communications, DISH Network & DirecTV.

RocketComm WiFi has an opportunity to soon become a highly distinguished and recognized industry leader, paving the way into the future of Wireless Telecommunications. It is our goal to become established as one of the leading distributors of wireless communications and structured wiring services. In order to achieve this goal, RocketComm WiFi has dedicated its many focuses to include but not limited to identifying and proactively exploring emerging trends, steadfast reaction to evolving technological advances while providing its subscribers with affordable, reliable high-quality services while simultaneously providing the highest of customer care.

Geographic Territory

RocketComm WiFi's plan is to provide Wireless Internet to ALL eligible census tracts as defined by the FCC within;

Lowndes County, GA - 13185, Tract IDs: 13185011600, 13185011500, 13185011403, 13185011402, 13185011401, 13185010800, 13185010700, 13185010604, 13185010601, 13185010202, 13185010201, 13185010103, 13185010102, 13185010101

AND

Brooks County, GA - 13027, Tract IDs: 13027960600, 13027960500, 13027960400, 13027960300, 13027960200

We are working with Valdosta-Lowndes Chamber of Commerce, more specifically with Varian Brown, Director of Economic Development, of whom supports RocketComm WiFi and our efforts in conjunction with this program.



Eligible Telecommunications Carrier (ETC) Status.

RocketComm WiFi will diligently file a pleading in the form of an application requesting designation as an Eligible Telecommunications Carrier in the state of Georgia in compliance with Federal Law (47 USC § 214), FCC rules, and GPSC rules.

Additionally, RocketComm WiFi is E-Rated:

GENERAL CONTACT SPIN ASSIGNMENT NOTIFICATION FROM USAC

SPIN	143037119
Company Name	Rocketcomm Wifi, LLC
Date Approved	4/10/2013 12:23:56 PM

List of Anchor Institutions

RocketComm WiFi intends to connect all Anchor Institutions within Lowndes County Georgia as defined in **EXHIBIT A** and Brooks County Georgia as defined in **EXHIBIT B**, attached hereto.

Proposed technology

RocketComm WiFi specializes in state of the art WiFi Technology with unparalleled scalability to meet any demand. AirFiber delivers gigabit performance at 1.0+ Gbps for AirFiber AF5/AF5U and 1.4+ Gbps for AirFiber AF24. To put this in perspective, AirFiber can transmit a 100 MB file in less than a second. Rivaling common broadband providers, AirFiber download speed is up to 100x faster. With speed and throughput surpassing conventional wired backhauls, AirFiber prevails over expensive and labor-intensive wired infrastructures. AirFiber delivers amazing wireless gigabit+ performance, low latency, and long range. AirFiber ushers in a new era in price-disruptive wireless technology ideal for carrier backhaul, building-to-building enterprise use, or public safety applications. For the areas of Lowndes and Brooks that have dense tree cover or otherwise are situated in “no line of sight” areas RocketComm WiFi has engaged Carlson Wireless to deploy TVWS (TV white space) in an effort to provide high speed broadband in areas that traditionally cannot attain these services.



Product Name	Product Description	Product Term	Product MRC
College	3Mbps Downstream / 1Mbps Upstream	N/A	\$ 39.99
	10Mbps Downstream / 1Mbps Upstream	N/A	\$ 49.99
Residential Basic	3Mbps Downstream / 1Mbps Upstream	2 Year Term	\$ 29.99
	3Mbps Downstream / 1Mbps Upstream	1 Year Term	\$ 39.99
	3Mbps Downstream / 1Mbps Upstream	Monthly Term	\$ 49.99
Residential Standard	6Mbps Downstream / 1Mbps Upstream	2 Year Term	\$ 39.99
	6Mbps Downstream / 1Mbps Upstream	1 Year Term	\$ 49.99
	6Mbps Downstream / 1Mbps Upstream	Monthly Term	\$ 59.99
Residential Gold	12Mbps Downstream / 2Mbps Upstream	2 Year Term	\$ 59.99
	12Mbps Downstream / 2Mbps Upstream	1 Year Term	\$ 69.99
	12Mbps Downstream / 2Mbps Upstream	Monthly Term	\$ 79.99

Product Name	Product Description	Product Term	Product MRC
Commercial 6/1	6Mbps Downstream / 1Mbps Upstream	2 Year Term	\$ 54.99
	6Mbps Downstream / 1Mbps Upstream	1 Year Term	\$ 64.99
	6Mbps Downstream / 1Mbps Upstream	Monthly Term	\$ 74.99
Commercial 10/1	10Mbps Downstream / 2Mbps Upstream	2 Year Term	\$ 99.99
	10Mbps Downstream / 2Mbps Upstream	1 Year Term	\$ 109.99
	10Mbps Downstream / 2Mbps Upstream	Monthly Term	\$ 119.99
Commercial 20/2	20Mbps Downstream / 2Mbps Upstream	2 Year Term	\$ 119.99
	20Mbps Downstream / 2Mbps Upstream	1 Year Term	\$ 129.99
	20Mbps Downstream / 2Mbps Upstream	Monthly Term	\$ 139.99
Commercial 30/2	30Mbps Downstream / 2Mbps Upstream	2 Year Term	\$ 179.99
	30Mbps Downstream / 2Mbps Upstream	1 Year Term	\$ 189.99
	30Mbps Downstream / 2Mbps Upstream	Monthly Term	\$ 199.99



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

RocketComm WiFi is a member of the Chamber and has the support of the local Lowndes County Chamber of Commerce who's proudly promoting RocketComm WiFi and its ability to provide high speed broadband as the carrier of choice to the many underserved residents of Lowndes and Brooks County.

Existing Providers

- AT&T
- MediaCom

Project Timeline

RESERVED

Scalability

RocketComm WiFi is fully operational on a Ubiquiti 2.4, 5.8 and 900mhz platform. We plan to utilize the new 5ghz Ubiquiti airFiber product in addition to exploring the viability of TV white space with our partner Carlson Wireless. RocketComm WiFi also uses Powercode for bandwidth management and Mikrotik products. RocketComm WiFi is poised to deploy wireless services in these underserved areas with our main tower to which is generally located/situated to microwave the signal to other adjacent towers within the FCC defined eligible census tracts.

Total Business Investment

Lowndes County - 13185

Air Fiber PTP Link	\$1500.00 X 2 = \$3000.00
2.4 Sectors	\$300.00 X 4 = \$1200.00
5.8 Sectors	\$300.00 X 4 = \$1200.00
900 Sectors	\$600.00 X 4 = \$2400.00
Mikrotik Core Router	\$1,200.00
Communications Rack	\$3,500.00
Alcatel Lucent 6850 gigabit switch	\$4,200.00
Labor	\$15,000
Total cost per tower	31,700.00

Towers needed for Lowndes County 29

Total Projected Tower CAPITAL Cost for this Project: \$919,300.00



Brooks County - 13027

Air Fiber PTP Link	\$1500.00 X 2 = \$3000.00
2.4 Sectors	\$300.00 X 4 = \$1200.00
5.8 Sectors	\$300.00 X 4 = \$1200.00
900 Sectors	\$600.00 X 4 = \$2400.00
Mikrotik Core Router	\$1,200.00
Communications Rack	\$3,500.00
Alcatel Lucent 6850 gigabit switch	\$4,200.00
Labor	\$15,000
Total cost per tower	31,700.00

Towers needed for Brooks County 15

Total Projected Tower CAPITAL Cost for this Project: \$475,500.00

Monthly Recurring Expense:

Total Projected Monthly Recurring Expense for this Project: \$164,816.00

Investment Needed

One-Time Capital Investment:

Lowndes County - 13185

Total Projected Tower CAPITAL Cost for this Project: \$919,300.00

Brooks County - 13027

Total Projected Tower CAPITAL Cost for this Project: \$475,500.00

Monthly Recurring Expense:

Total Projected Monthly Recurring Expense for this Project: \$164,816.00



Leveraging Funds

RocketComm WiFi is diligently exploring the opportunity to coordinate with other projects and leverage funds.

Total Project Cost

Lowndes County – 13185:

Total Projected Tower CAPITAL Cost for this Project: \$919,300.00

Lowndes County - Anchor Institutions:

Total Projected Tower CAPITAL Cost for this Project: \$105,625.00

Brooks County - 13027

Total Projected Tower CAPITAL Cost for this Project: \$475,500.00

Brooks County - Anchor Institutions

Total Projected Tower CAPITAL Cost for this Project: \$18,525.00

Monthly Recurring Expense:

Total Projected Monthly Recurring Expense for this Project: \$164,816.00

Thank you for considering our Expression of Interest in your decision about the amount of funding that will be allocated in the Rural Broadband Experiments. We commend the FCC in this effort to connect rural communities and are ready to help you close the digital divide.

Sincerely,

James Mahoney
Owner / CEO
RocketComm WiFi