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UTILITIES COMMISSION

GNR-T-06-05

First Step Internet, LLC is submitting this application seeking an Order for income tax credit for First Step's investment in "qualified" broadband equipment. The following information is provided for your consideration:

1. *Name and address of applicant including the contact person in the event there are questions regarding the application and its content. Indicate whether the applicant is a telecommunications carrier, a commercial mobile service carrier, a cable or open video operator, a satellite carrier, or other type of wireless carrier.*

First Step Internet, LLC.

1420 S. Blaine St

Ste 10

Moscow, ID 83843

(208) 882-8869

Contact: Kevin Owen ([kowen@fsr.com](mailto:kowen@fsr.com))

First Step Internet, LLC is a regional fixed wireless service provider.

2. *Identify the area of location where the equipment is installed in Idaho.*

The equipment referenced in our application is installed in the communities of Moscow, Lewiston, Deary, Troy, Bovill, Genesee, Potlatch, Orofino, Tammany, and the surrounding counties.

3. *Describe the type of broadband service(s) offered to the public in Idaho.*

First Step Internet, LLC provides high-speed broadband services to the residents of the communities that we serve. This service may be delivered via, Ethernet, DSL, frame relay, or fixed wireless.

4. *State the network transmission rate in bits per second at which subscribers to the relevant broadband network can receive and send (download and upload)*

Network Type	Transmission rate (bits/sec)	Download	Upload
900mhz wireless	256k – 3.0Mbps	512k – 1.5Mbps	256k – 768k
2.4ghz wireless	256k – 11.0Mbps	512k – 2.0Mbps	256k – 1.0Mbps
5.8ghz wireless	256k – 54Mbps	800k – 5.0Mbps	256k – 3.0Mbps
DSL	256k – 7.0Mbps	256k – 7.0Mbps	128k – 2.0Mbps
Frame Relay	256k – 1.5Mbps	256k – 1.5Mbps	256k – 1.5Mbps
Ethernet	256k – 100Mbps	256k – 100Mbps	256k – 100Mbps

5. *Provide a specific list of the equipment or types of equipment that the applicant is requesting that the Commission determine is “qualified broadband equipment” as defined in the Idaho Code 63-3029(3)(b). List the brand, manufacturer, model numbers, or other distinguishing features of the installed equipment.*

Please see attached list of equipment deployed.

6. *Provide the date (s) or time period when the broadband equipment was installed in Idaho.*

All of the equipment was deployed prior to December 31, 2005.

7. *Provide a written description (including basic schematics or general drawings) of the relevant broadband network including a description of how the installed equipment is “an integral part” of a broadband network.*

Please see attached network map and deployment.

Description of First Step Internet, LLC broadband network:

The network depicted in the attached map is a microwave wireless network anchored in Moscow. From our NOC in Moscow, we have an OC-3 (155mbps) fiber optic connection to our upstream provider, AT&T as well as a DS-3 located in Lewiston. From Moscow there is a backbone point to point wireless network that connects our facility to Moscow Mountain and Paradise Ridge. From these two strategic locations, we then have point to point microwave links to Lewiston and Tammany, Deary, Troy, Bovill, Genesee, Princeton, Harvard and Potlatch. In each community, we then have access points that distribute microwave signals in a point to multi-point manner. At the end-users’ site, a microwave bridge (client purchased) is installed that

enables them to communicate with one of the access points and thus connect to the Internet through our upstream connections in Moscow and Lewiston.

In Orofino we have not yet been able to connect the local microwave network back to our main network, though this is planned for the future. Currently though, we have two access points that distribute wireless service in town and we utilize a land line through Verizon to connect clients to the Internet.

As can be seen, the equipment in question is an integral part of the broadband network in that it connects the clients to the local access points and then connects those access points through the backbone to our upstream connections in Moscow and Lewiston. None of the listed equipment is used to connect our network directly to the Internet, nor directly to the subscriber.

8. *Quantify the percentage and number of potential Idaho subscribers that could be served with the broadband equipment and the percentage and number of non-Idaho subscribers that will be/could be served by the broadband network.*

There is no usage of the Idaho based and deployed equipment by non-Idaho subscribers.

9. *Enclose a statement certifying that the applicant has read the applicable statutes for broadband investment income tax credit and the applicant believes that the subject broadband equipment qualifies for the tax credit under Idaho Code 63-30291.*

The applicant has read the applicable statutes and believes the broadband equipment listed in this application qualifies for the tax credit under Idaho Code.

If there are any questions related to this application please don't hesitate to contact me by phone at (208) 882-8869 or via email at [kowen@fsr.com](mailto:kowen@fsr.com).

We appreciate your consideration of this application.

Sincerely,



Kevin Owen  
President

# First Step Internet

Date	Vendor	Equipment installed	Location	Amount
Oct-04	Trango Broadband Wireless	Trango M5830S-AP-60 Bovill City Hall	Bovill	\$ 904
Oct-04	Cascade Networks, Inc.	DragonWave AirPair-100 Mbps System 18 GHz	Bovill	\$ 20,125
Oct-04	Cascade Networks, Inc.	DragonWave ODU Installation Kit West Twin	Bovill	\$ 1,369
Oct-04	Cascade Networks, Inc.	Redline 5.8 Ghz 18 Mbps Base Radio Bovill City Hall	Bovill	\$ 2,473
		line item equipment		\$ 24,871
		Bovill Installation Parts & Labor		\$ 27,633
		total Bovill		\$ 52,504
Aug-04	Avista Utilities	Power to McGary Butte	Deary	\$ 25,000
Sep-04	Avista Utilities	Power to McGary Butte	Deary	\$ 7,758
Sep-04	Trango Broadband Wireless	Trango M5830S-AP-60 Primeland Silo	Deary	\$ 904
Oct-04	Cascade Networks, Inc.	Redline 5.8 Ghz 18 Mbps Base Radio McGary Butte	Deary	\$ 7,420
Oct-04	Cascade Networks, Inc.	Redline 5.8 Ghz 18 Mbps Base Radio Primeland Silo	Deary	\$ 4,947
		line item equipment		\$ 46,029
		Deary Installation Parts & Labor		\$ 44,058
		total Deary		\$ 90,087
Mar-05	Electro-Comm Distributing Inc.	TrangoFOX M5830S-SU - Genesee Water Tank	Genesee	\$ 679
Mar-02	Ingram Micro	AP-1000 - radio	Genesee	\$ 580
Oct-05	WISP-Router, Inc.	RB532AP Bundle - Genesee Grain Growers	Genesee	\$ 291
		line item equipment		\$ 1,550
		Genesee Installation Parts & Labor		\$ 7,391
		total Genesee		\$ 8,941
Oct-02	Trango Broadband Wireless	Trango SU Long (Orchards, NW Communications, Elks)	Lewiston	\$ 2,085
Oct-02	Trango Broadband Wireless	Trango AP-60 (Rim)	Lewiston	\$ 1,595
Oct-02	Ingram Micro	AP1000 (Rim, Orchards, Elks)	Lewiston	\$ 1,436
Nov-02	Trango Broadband Wireless	Trango SU-short (George Brown)	Lewiston	\$ 495
Apr-03	Trango Broadband Wireless	Trango SU Short (John Church AP)	Lewiston	\$ 495
Sep-03	Trango Broadband Wireless	Trango 5830 SU Long (John Church AP)	Lewiston	\$ 695
Jan-05	Electro-Comm Distributing Inc.	Trango M5830S-AP-60 - NW Tower	Lewiston	\$ 870
Jan-05		Trango TLINK-10-EXT - Lewiston AIA	Lewiston	\$ 1,430
		line item equipment		\$ 9,101
		Lewiston Installation Parts & Labor		\$ 44,519
		total Lewiston		\$ 53,620
Jan-02	DataComm Warehouse	Lucent Orinoco AP-1000 Access Point	Moscow	\$ 570
Apr-02	Ingram Micro	AP-1000 for FS Network (Rotary Park)	Moscow	\$ 580
May-02	Trango Broadband Wireless	Sunstream AP (Eastside)	Moscow	\$ 1,595
May-02	Trango Broadband Wireless	Sunstream Remote Unit (Rotary Park)	Moscow	\$ 795
May-02	Trango Broadband Wireless	Sunstream SU w/ Internal Antenna (Vista Tower)	Moscow	\$ 695
Jun-02	Ingram Micro	AP-1000 (Vista Tank)	Moscow	\$ 605
Jul-02	Trango Broadband Wireless	Sunstream AP (Paradise Ridge)	Moscow	\$ 1,495
Sep-02	Trango Broadband Wireless	Sunstream AP-60 (Paradise Rdg)	Moscow	\$ 1,595
Nov-02	Trango Broadband Wireless	Trango SU Long (Morrison and Palouse Mall)	Moscow	\$ 1,190
Jan-03	Trango Broadband Wireless	Trango AP-60 Radio (Paradise Rdg)	Moscow	\$ 3,190
Feb-03	US Bank	Redline licensed radio	Moscow	\$ 33,097
Nov-03	Electro-Comm Distributing Inc.	Trango AP-60 (Grain Growers)	Moscow	\$ 1,095
Jun-04	Talley Communications	Trango M5830S-AP-60 (Genesee Grain Growers AP)	Moscow	\$ 1,095
May-05	Technology Investment Partners	AirPair-100 Mbps System with 24" Antenna IDU Unit	Moscow	\$ 30,282
Feb-04	Technology Investment Partners	DS3 Equipment - Moscow Mountain	Moscow	\$ 27,187
		line item equipment		\$ 105,067
		Moscow Installation Parts & Labor		\$ 171,434
		total Moscow		\$ 276,501

# First Step Internet

Mar-02	CDW Direct, LLC	AP-1000 (Orofino/IGA)	Orofino		\$ 615
Oct-03	CDW Direct, LLC	Cisco Aironet AP-1200 (Orofino - Helgeson Hotel)	Orofino		\$ 594
		line item equipment			\$ 1,209
		Orofino Installation Parts & Labor		\$ 3,614	
		total Orofino			\$ 4,823
Oct-03	WaveRider Communications	WaveRider Access Point CCU3000	Potlatch		\$ 2,105
Jun-04	Cascade Networks, Inc.	5.8 Ghz Redline Link x 18 Mbps	Potlatch		\$ 11,225
Jul-04	Talley Communications	Trango M5830S-SU-EXT	Potlatch		\$ 2,037
Sep-04	TESSCO Technologies	80' S100 SuperTitan SS	Potlatch		\$ 2,508
		line item equipment			\$ 17,875
		Potlatch Installation Parts & Labor		\$ 47,939	
		total Potlatch			\$ 65,814
Dec-04	Electro-Comm Distributing Inc.	Trango M5830S-AP-60 (Tammany AP)	Tammany		\$ 870
Jan-05	Electro-Comm Distributing Inc.	Trango M5830-SU-EXT (Tammany AP)	Tammany		\$ 679
		line item equipment			\$ 1,549
		Tammany Installation Parts & Labor		\$ 4,406	
		total Tammany			\$ 5,955
Feb-02	Trango Broadband Wireless	Sunstream AP	Troy		\$ 1,495
Feb-02	Trango Broadband Wireless	Sunstream Remote Unit	Troy		\$ 695
Sep-04	Trango Broadband Wireless	Trango M5830S-AP-60 (Troy Water Tank)	Troy		\$ 904
		line item equipment			\$ 3,094
		Troy Installation Parts & Labor		\$ 11,110	
		total Troy			\$ 14,204
		Total qualified equipment in Idaho			\$ 572,449



# FIRST STEP INTERNET WIRELESS COVERAGE IDAHO

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