

BTOP Comprehensive Community Infrastructure Detailed Budget

Please complete the General Budget Overview and Detailed Project Costs worksheets.

Please refer to the Comprehensive Community Infrastructure Grant Guidance for detailed instructions on the completing this upload.

Applicants are required to provide this upload as an Excel file, and not to convert it to a PDF prior to upload. Applicants should not alter the layout of the provided templates, except to insert additional line-items as needed in the Detailed Project Costs worksheet.

Important Update - 3/19/2010: This template has been updated with the addition of a new column in the Detailed Project Costs worksheet. The new column, titled "Cash Match Percentage" allows Applicants to specify the percentage of the line item cost that will be provided by the cash match. This column is only relevant if "Cash Match" is selected in column C (the "Match" column). If "Cash Match" is selected in column C, Applicants should specify a percentage in the Cash Match Percentage field--100% means that the line item will be paid for entirely from the cash match, 0% means that it is paid for entirely from the federal request, any other amount will allocate the costs between the federal request and the cash match.

Note that *it is not required for Applicants to use this updated template*. Applicants that submit their detailed budget using the previously available template will not be penalized. In the previous version of this template, selecting "Cash Match" in column C indicates that 100% of the line item cost will be paid from the cash match.

General Budget Overview

Budget	Federal Funding Request	Matching Funds (Cash)	Matching Funds (In-Kind)	Budget TOTAL	Last Mile Allocation	Middle Mile Allocation	Allocated TOTAL
Network & Access Equipment (switching, routing, transport, access)	\$2,683,783	\$1,150,194		\$3,833,977	\$1,729,937.00	\$2,104,040.00	\$3,833,977
Outside Plant (cables, conduits, ducts, poles, towers, repeaters, etc.)	\$6,885,501	\$2,950,929		\$9,836,430	\$0.00	\$9,836,430.00	\$9,836,430
Buildings and Land – (new construction, improvements, renovations, lease)	\$149,030	\$63,870		\$212,900	\$41,380.00	\$171,520.00	\$212,900
Customer Premise Equipment (modems, set-top boxes, inside wiring, etc.)	\$33,425	\$14,325		\$47,750	\$47,750.00	\$0.00	\$47,750
Billing and Operational Support Systems (IT systems, software, etc.)	\$23,730	\$10,170		\$33,900	\$3,390.00	\$30,510.00	\$33,900
Operating Equipment (vehicles, office equipment, other)	\$21,000	\$9,000		\$30,000	\$5,600.00	\$24,400.00	\$30,000
Engineering/Professional Services (engineering design, project management, consulting, etc.)	\$889,182	\$381,078		\$1,270,260	\$106,700.00	\$1,163,560.00	\$1,270,260
Testing (network elements, IT system elements, user devices, test generators, lab furnishings, servers/computers, etc.)	\$12,740	\$5,460		\$18,200	\$2,160.00	\$16,040.00	\$18,200
Site Preparation	\$0	\$0		\$0			\$0
Other	\$0	\$0		\$0			\$0
TOTAL BROADBAND SYSTEM:	\$10,698,391	\$4,585,026	\$0	\$15,283,417	\$1,936,917	\$13,346,500	\$15,283,417
Cost Share Percentage:	70.00%	30.00%	0.00%				

DETAIL OF PROJECT COSTS

PLEASE COMPLETE THE TABLE BELOW FOR THE DIFFERENT CATEGORIES OF EQUIPMENT THAT WILL BE REQUIRED FOR COMPLETING THE PROJECT. EACH CATEGORY SHOULD BE BROKEN DOWN TO THE APPROPRIATE LEVEL FOR IDENTIFYING UNIT COST

		Match (Cash/In-kind)	Cash Match Percentage	Unit Cost	No. of Units	Total Cost	Last Mile Allocation	Middle Mile Allocation	Allocated Total	SF-424C Budget Category	Support of Reasonableness
NETWORK & ACCESS EQUIPMENT						\$3,833,977	\$1,729,937	\$2,104,040	\$3,833,977		
Switching	Included in below items					\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Routing	CISCO Core Routers	Cash Match	30.00%	\$339,816.00	2	\$679,632	\$0.00	\$679,632.00	\$679,632	10. Equipment	Required Equipment for Implementation
	SmartNet for Routers	Cash Match	30.00%	\$43,524.00	2	\$87,048	\$0.00	\$87,048.00	\$87,048	10. Equipment	Required Equipment for Implementation
						\$0			\$0		
Transport	Passives and Splicing	Cash Match	30.00%	\$212,086.00	1	\$212,086	\$0.00	\$212,086.00	\$212,086	10. Equipment	Required Equipment for Implementation
	Electronics	Cash Match	30.00%	\$1,067,904.00	1	\$1,067,904	\$0.00	\$1,067,904.00	\$1,067,904	10. Equipment	Required Equipment for Implementation
						\$0			\$0		
Access	Passives and Splicing	Cash Match	30.00%	\$829,309.00	1	\$829,309	\$829,309.00		\$829,309	10. Equipment	Required Equipment for Implementation
	Electronics	Cash Match	30.00%	\$809,628.00	1	\$809,628	\$809,628.00		\$809,628	10. Equipment	Required Equipment for Implementation
	Wireless	Cash Match	30.00%	\$91,000.00	1	\$91,000	\$91,000.00		\$91,000	10. Equipment	Required Equipment for Implementation
Other	Fusion Splicer	Cash Match	30.00%	\$19,800.00	2	\$39,600	\$0.00	\$39,600.00	\$39,600	10. Equipment	Required Equipment for Implementation
	Fiber Tool Kit	Cash Match	30.00%	\$1,835.00	2	\$3,670	\$0.00	\$3,670.00	\$3,670	10. Equipment	Required Equipment for Implementation
	APC 16KVA UPS	Cash Match	30.00%	\$14,100.00	1	\$14,100	\$0.00	\$14,100.00	\$14,100	10. Equipment	Required Equipment for Implementation
OUTSIDE PLANT						\$9,836,430	\$0	\$9,836,430	\$9,836,430		
Cables	Fiber Cable various strand count aggregate value	Cash Match	30.00%	1.85	1293600	\$2,393,160	0	2393160	\$2,393,160	10. Equipment	Required Equipment for Implementation
						\$0			\$0		
						\$0			\$0		
Conduits	N/A					\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Ducts	1.5" Interduct	Cash Match	30.00%	0.65	2956800	\$1,921,920	0	1921920	\$1,921,920	10. Equipment	Required - Spare Interduct placed in trench
						\$0			\$0		
						\$0			\$0		
Poles	N/A					\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Towers	N/A					\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Repeaters	N/A					\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Other	Handholds and Pedestals	Cash Match	30.00%	600	125	\$75,000	0	75000	\$75,000	10. Equipment	Required Equipment for Implementation
	Construction Labor	Cash Match	30.00%	22230	245	\$5,446,350	0	5446350	\$5,446,350	10. Equipment	Required Equipment for Implementation
						\$0			\$0		

		Match (Cash/In-kind)	Cash Match Percentage	Unit Cost	No. of Units	Total Cost	Last Mile Allocation	Middle Mile Allocation	Allocated Total	SF-424C Budget Category	Support of Reasonableness
BUILDINGS						\$212,900	\$41,380	\$171,520	\$212,900		
New Construction	None Required					\$0			\$0		Existing facilities will be used
						\$0			\$0		
						\$0			\$0		
Pre-Fab Huts						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Improvements & Renovation	Facilities Improvements	In-kind Match	100.00%	15000	1	\$15,000	3000	12000	\$15,000	9. Construction	Required in lieu of new facilities
	Data Center UPS	Cash Match	30.00%	16500	1	\$16,500	3300	13200	\$16,500	10. Equipment	Required Equipment for Implementation
	Standby Generator	Cash Match	30.00%	5200	2	\$10,400	2080	8320	\$10,400	10. Equipment	Required Equipment for Implementation
Other	UPS Backup with Inverters	Cash Match	30.00%	2500	60	\$150,000	30000	120000	\$150,000	10. Equipment	Required Equipment for Implementation
	Network Cabinets	Cash Match	30.00%	350	60	\$21,000	3000	18000	\$21,000	10. Equipment	Required Equipment for Implementation
						\$0			\$0		
CUSTOMER PREMISE EQUIPMENT						\$47,750	\$47,750	\$0	\$47,750		
Modems	Tellabs CPE 702 GPON	Cash Match	30.00%	290	125	\$36,250	36250	0	\$36,250	10. Equipment	Required Equipment for Implementation
	Tellabs 702 Battery Accessory	Cash Match	30.00%	92	125	\$11,500	11500	0	\$11,500	10. Equipment	Required Equipment for Implementation
						\$0			\$0		
Set Top Boxes						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Inside Writing						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Other						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
BILLING SUPPORT AND OPERATIONS SUPPORT SYSTEMS						\$33,900	\$3,390	\$30,510	\$33,900		
Billing Support Systems	Billing System Software	Cash Match	30.00%	19500	1	\$19,500	1950	17550	\$19,500	11. Misc.	Required Software for System Billing
						\$0			\$0		
						\$0			\$0		
Customer Care Systems	Customer Ticketing Software	Cash Match	30.00%	4800	1	\$4,800	480	4320	\$4,800	11. Misc.	Required Software for Customer Support
	Customer WEB site	Cash Match	30.00%	5400	1	\$5,400	540	4860	\$5,400	11. Misc.	Required Software for Customer Support
						\$0			\$0		
Other Support	Systems Monitoring Software	Cash Match	30.00%	4200	1	\$4,200	420	3780	\$4,200	11. Misc.	Required Software for Systems Monitoring
						\$0			\$0		
						\$0			\$0		

SERVICE AREA or COMMON NETWORK FACILITIES:		Match (Cash/In-kind)	Cash Match Percentage	Unit Cost	No. of Units	Total Cost	Last Mile Allocation	Middle Mile Allocation	Allocated Total	SF-424C Budget Category	Support of Reasonableness
OPERATING EQUIPMENT						\$30,000	\$5,600	\$24,400	\$30,000		
Vehicles	Service Vehicle	Cash Match	30.00%	28000	1	\$28,000	5600	22400	\$28,000	10. Equipment	Required for Truck Rolls
						\$0			\$0		
						\$0			\$0		
Office Equipment / Furniture	Misc Office equipment and furniture	Cash Match	30.00%	2000	1	\$2,000	0	2000	\$2,000	11. Misc.	Office Furnishings
						\$0			\$0		
						\$0			\$0		
Other						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
PROFESSIONAL SERVICES						\$1,270,260	\$106,700	\$1,163,560	\$1,270,260		
Engineering Design	CISCO Engineer	Cash Match	30.00%	150	60	\$9,000	0	9000	\$9,000	4. Architectural and engr.	Required for Systems Configuration
	OSP Engineering and Permitting	Cash Match	30.00%	0.35	1293600	\$452,760	20000	432760	\$452,760	4. Architectural and engr.	Required for acquiring Permits
						\$0			\$0		
Project Management	Project Manager Multi Year	Cash Match	30.00%	95	4300	\$408,500	81700	326800	\$408,500	5. Other archit. and engr.	Required for proper Project Management
						\$0			\$0		
						\$0			\$0		
Consulting	Systems Design Consultant	Cash Match	30.00%	150	500	\$75,000	5000	70000	\$75,000	5. Other archit. and engr.	Required for System Design
						\$0			\$0		
						\$0			\$0		
Other	Splicing Labor	Cash Match	30.00%	65	3000	\$195,000	0	195000	\$195,000	11. Misc.	Required for Implementation
	Hardware Installation	Cash Match	30.00%	65	2000	\$130,000	0	130000	\$130,000	11. Misc.	Required for Implementation
						\$0			\$0		
TESTING						\$20,600	\$2,640	\$17,960	\$20,600		
Network Elements						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
IT System Elements						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
User Devices						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Test Generators	Optical Test Devices - Visual Fault Locators, DB Loss	Cash Match	30.00%	3700	2	\$7,400	0	7400	\$7,400	10. Equipment	Required for testing and verification
						\$0			\$0		
						\$0			\$0		
Lab Furnishings						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Servers/Computers	Hardened Field Laptops	Cash Match	30.00%	4200	2	\$8,400	1680	6720	\$8,400	10. Equipment	Required for testing and verification
	Systems Monitoring Server	Cash Match	30.00%	1200	2	\$2,400	480	1920	\$2,400	10. Equipment	Required for System Monitoring
	DNS Server	Cash Match	30.00%	1200	2	\$2,400	480	1920	\$2,400	10. Equipment	Required for Systems Performance

		Match (Cash/In-kind)	Cash Match Percentage	Unit Cost	No. of Units	Total Cost	Last Mile Allocation	Middle Mile Allocation	Allocated Total	SF-424C Budget Category	Support of Reasonableness
OTHER UPFRONT COSTS						\$0	\$0	\$0	\$0		
Site Preparation	N/A					\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Other	N/A					\$0			\$0		
						\$0			\$0		
						\$0			\$0		
PROJECT TOTAL:						\$15,285,817	\$1,937,397	\$13,348,420	\$15,285,817		

SF-424C Cross-check Totals	
1. Admin and Legal	\$0
2. Land, structures	\$0
3. Relocation expenses	\$0
4. Architectural and engr.	\$461,760
5. Other archit. and engr.	\$483,500
6. Inspection fees	\$0
7. Site work	\$0
8. Demolition/removal	\$0
9. Construction	\$15,000
10. Equipment	\$13,964,657
11. Misc.	\$0

Matching Contribution Cross-check Totals	
Federal Funding Request	\$10,689,572
Cash Match Contribution	\$4,581,245
In-kind Match Contribution	\$15,000

Approach to allocating Last Mile and Middle Mile costs:

Beaverdam Baptist Association

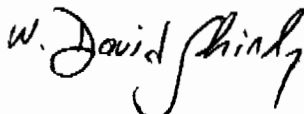
1659 Sandifer Boulevard, Seneca, South Carolina 29678-0906
(864) 882-7070 ♦ Fax (864) 882-4737
e-mail: beaverdambassoc@bellsouth.net

March 23, 2010

I serve as Director of Missions for the Beaverdam Baptist Association in Seneca, South Carolina. The Beaverdam Baptist Association is a collection of 68 Baptist churches scattered throughout Oconee County. Our member churches are literally spread out from one end of the county to the other. The population of Oconee County is 70,000 strong and is spread out over the 675 square miles of mountains, foothills, lake fronts, and towns.

I write this letter in support of Oconee County's effort to obtain funds from the Federal Stimulus Grant Broadband Technology Opportunities Program (BTOP). The grant would be a tremendous blessing to a county that has been hit hard by job losses and plant closings. It would certainly aid in the recruitment of new industries and businesses throughout our county. The approval of these funds would also be of great benefit for the Beaverdam Baptist Association as it would provide much better communication between the Association and our 68 churches. The Beaverdam Baptist Association is home to one of the largest Disaster Relief Teams in the state of South Carolina. We presently have over 150 men and women trained, certified and ready to respond quickly wherever disasters may strike. The implementation of broadband countywide would greatly benefit the communication between churches, disaster shelters housed in many of our churches, and our county government.

Sincerely,



W. David Shirley
Director of Missions
Beaverdam Baptist Association
Seneca, SC



Providing Quality Services To Local Governments Since 1965.

March 25, 2010

Ms. Kim Wilbanks
Grants Administrator
Oconee County
415 S. Pine Street
Walhalla, South Carolina 29691

Dear Ms. Wilbanks:

As you know, the Appalachian Council of Governments (ACOG) was the recipient of a grant from the Appalachian Regional Commission (ARC) to undertake the Tri-County Telecommunications Master Planning Initiative, which included Oconee County as well as Anderson County and Pickens County. This plan included an analysis of existing conditions, a needs assessment, a statement of broadband goals, and a description of action steps to achieve goals.

Increasingly, businesses are requiring greater access to high speed telecommunications in order to succeed. This need ranges from small-scale entrepreneurial start-ups to large retail and manufacturing operations. In a similar manner, both health care and education are increasingly becoming reliant on high-speed communications.

We see the Oconee County Fiber Project as an important element in implementing the goals and recommendations of the Master Plan. Therefore, the ACOG fully supports and encourages the efforts of Oconee County to secure a grant to undertake the Oconee County Fiber Project.

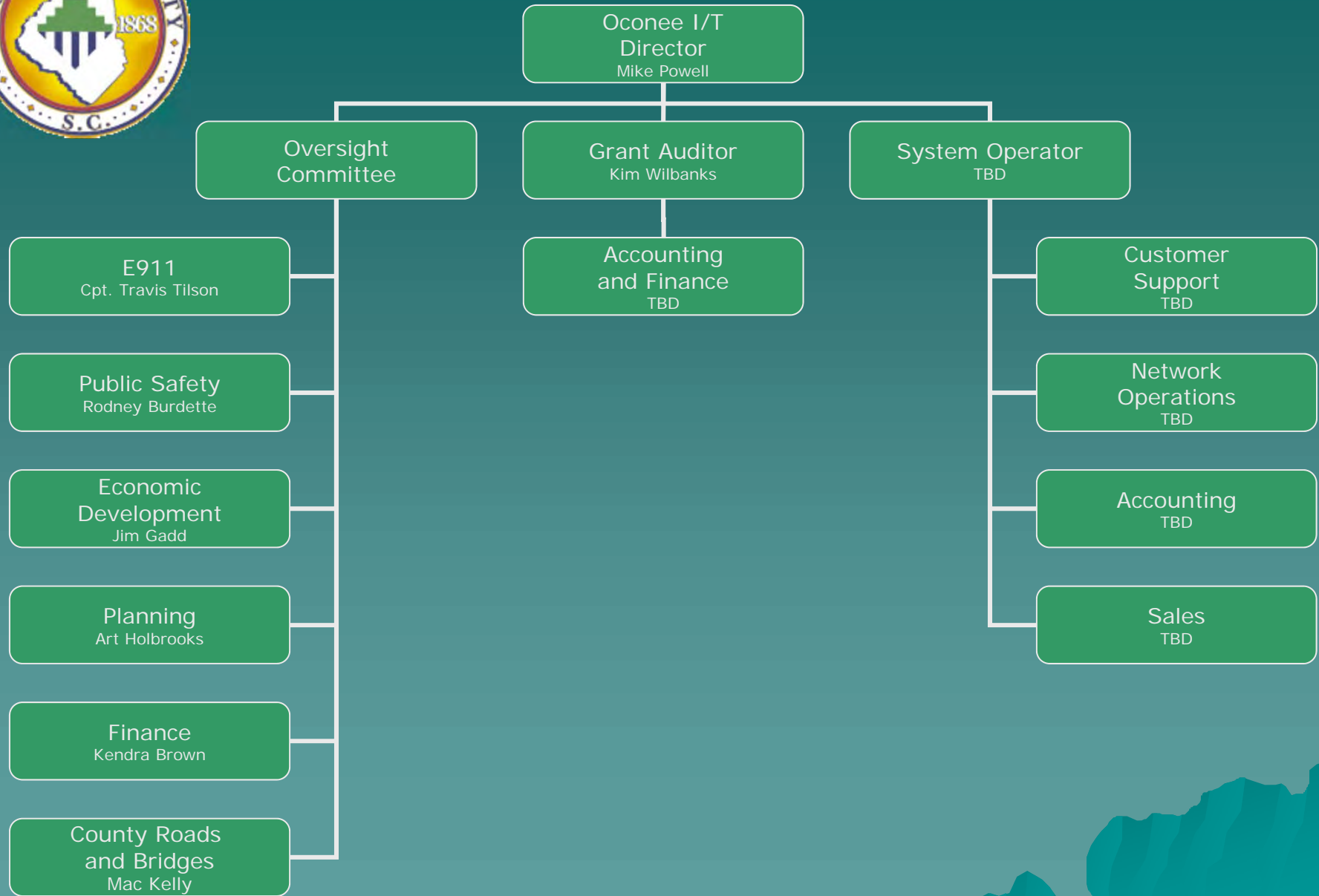
If we can be of assistance in this endeavor, please do not hesitate to call upon us.

Sincerely,

Steve Pelissier
Executive Director



Oconee County Broadband Fiber Project



BTOP Comprehensive Community Infrastructure Pro Forma Financial Projections

Please complete the Income Statement, Balance Sheet, Cash Flows, and NPV-IRR Table worksheets. Key assumptions used to formulate these financial projections should be listed in the Key Assumptions worksheet. Please note that these are **project-specific** projections, in contrast to the historical financial information which is provided at the organizational level.

Please refer to the Comprehensive Community Infrastructure Grant Guidance for detailed instructions on the completing this attachment.

Applicants are required to provide this attachment as an Excel file, and not to convert it to a PDF when submitting a copy of their application on an appropriate electronic medium, such as a DVD, CD-ROM, or flash drive. Applicants may make adjustments to the format of the templates as necessary to provide the most effective presentation of the data for their specific project, but should not remove major headings (*e.g.* Revenues and Expenses on the Income Statement) or provide less detailed information than would be required to complete the provided templates.

Income Statement

	Forecast Period							
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8
Revenues								
Broadband Offerings								
Wholesale Data	\$ 197,385	\$ 437,293	\$ 850,711	\$ 856,706	\$ 862,757	\$ 868,864	\$ 875,027	\$ 881,248
Internal Sales	\$ 165,595	\$ 165,595	\$ 165,595	\$ 165,595	\$ 165,595	\$ 165,595	\$ 165,595	\$ 165,595
Dark Fiber	\$ 199,584	\$ 399,168	\$ 604,800	\$ 604,800	\$ 604,800	\$ 604,800	\$ 604,800	\$ 604,800
Collocation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other - Cell Tower Feeds	\$ 240,000	\$ 480,000	\$ 528,000	\$ 576,000	\$ 624,000	\$ 624,000	\$ 624,000	\$ 624,000
Other Network Driven Revenues								
Video Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Voice Services (local/toll/long distance)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other (list specific services)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Universal Service Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Installation Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Revenues	\$ 125,075	\$ 125,075	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenues	\$ 927,639	\$ 1,607,131	\$ 2,149,106	\$ 2,203,101	\$ 2,257,152	\$ 2,263,259	\$ 2,269,422	\$ 2,275,643
Expenses								
Backhaul	\$ 17,589	\$ 51,595	\$ 132,895	\$ 177,193	\$ 236,259	\$ 315,017	\$ 420,030	\$ 560,055
Network Maintenance/Monitoring	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000
Utilities	\$ 9,600	\$ 9,600	\$ 9,600	\$ 9,600	\$ 9,600	\$ 9,600	\$ 9,600	\$ 9,600
Advertising	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000
Sales/Marketing	\$ 62,000	\$ 62,000	\$ 62,000	\$ 62,000	\$ 62,000	\$ 62,000	\$ 62,000	\$ 62,000
Customer Care	\$ 48,000	\$ 48,000	\$ 48,000	\$ 48,000	\$ 48,000	\$ 48,000	\$ 48,000	\$ 48,000
Billing	\$ 24,000	\$ 24,000	\$ 24,000	\$ 24,000	\$ 24,000	\$ 24,000	\$ 24,000	\$ 24,000
Corporate G&A	\$ 26,000	\$ 26,000	\$ 26,000	\$ 26,000	\$ 26,000	\$ 26,000	\$ 26,000	\$ 26,000
Co-Location	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200	\$ 3,200
Internet DIA	\$ 10,000	\$ 31,751	\$ 81,781	\$ 109,042	\$ 145,390	\$ 193,856	\$ 258,480	\$ 344,649
Total	\$ 326,389	\$ 382,145	\$ 513,476	\$ 585,035	\$ 680,450	\$ 807,673	\$ 977,311	\$ 1,203,504
EBITDA	\$ 601,250	\$ 1,224,986	\$ 1,635,630	\$ 1,618,066	\$ 1,576,702	\$ 1,455,585	\$ 1,292,112	\$ 1,072,140
Depreciation	\$ 6,780	\$ 9,040	\$ 966,904	\$ 966,904	\$ 966,904	\$ 966,904	\$ 966,904	\$ 966,904
Amortization	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Earnings Before Interest and Taxes	\$ 594,470	\$ 1,215,946	\$ 668,726	\$ 651,162	\$ 609,798	\$ 488,681	\$ 325,208	\$ 105,236
Interest Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Income Before Taxes	\$ 594,470	\$ 1,215,946	\$ 668,726	\$ 651,162	\$ 609,798	\$ 488,681	\$ 325,208	\$ 105,236
Property Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Income Taxes	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Net Income	\$ 594,470	\$ 1,215,946	\$ 668,726	\$ 651,162	\$ 609,798	\$ 488,681	\$ 325,208	\$ 105,236

Balance Sheet

	Forecast Period							
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8
Assets								
<i>Current Assets</i>								
Cash	\$ (709,187)	\$ (1,854,178)	\$ (274,747)	\$ 1,343,644	\$ 2,922,574	\$ 4,387,727	\$ 5,692,793	\$ 6,782,406
Marketable Securities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Accounts Receivable	\$ 616,408	\$ 148,206	\$ 214,911	\$ 220,310	\$ 225,715	\$ 226,326	\$ 226,942	\$ 227,564
Notes Receivable	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Inventory	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Prepayments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Current Assets	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Current Assets	\$ (92,779)	\$ (1,705,973)	\$ (59,836)	\$ 1,563,954	\$ 3,148,289	\$ 4,614,053	\$ 5,919,735	\$ 7,009,970
<i>Non-Current Assets</i>								
Long-Term Investments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Amortizable Asset (Net of Amortization)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Plant in Service	\$ -	\$ 14,961,267	\$ 14,961,267	\$ 14,961,267	\$ 14,961,267	\$ 14,961,267	\$ 14,961,267	\$ 14,961,267
Equipment & Vehicles	\$ 74,400	\$ 74,400	\$ 74,400	\$ 74,400	\$ 74,400	\$ 74,400	\$ 74,400	\$ 74,400
Construction in Progress	\$ 7,480,634	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Less: Accumulated Depreciation	\$ (6,780)	\$ (15,820)	\$ (982,724)	\$ (1,949,628)	\$ (2,916,531)	\$ (3,883,435)	\$ (4,850,339)	\$ (5,817,243)
Plant, Equip. - net	\$ 7,548,254	\$ 15,019,847	\$ 14,052,943	\$ 13,086,039	\$ 12,119,136	\$ 11,152,232	\$ 10,185,328	\$ 9,218,424
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Non-Current Assets	\$ 7,548,254	\$ 15,019,847	\$ 14,052,943	\$ 13,086,039	\$ 12,119,136	\$ 11,152,232	\$ 10,185,328	\$ 9,218,424
Total Assets	\$ 7,455,475	\$ 13,313,874	\$ 13,993,106	\$ 14,649,993	\$ 15,267,425	\$ 15,766,284	\$ 16,105,063	\$ 16,228,394
Liabilities and Owners' Equity								
<i>Liabilities</i>								
<i>Current Liabilities</i>								
Accounts Payable	\$ 624,562	\$ 30,572	\$ 41,078	\$ 46,803	\$ 54,436	\$ 64,614	\$ 78,185	\$ 96,280
Notes Payable	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Current Liabilities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Current Liabilities	\$ 624,562	\$ 30,572	\$ 41,078	\$ 46,803	\$ 54,436	\$ 64,614	\$ 78,185	\$ 96,280
<i>Long-Term Liabilities</i>								
Long Term Notes Payable	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Long Term Liabilities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Long-Term Liabilities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Liabilities	\$ 624,562	\$ 30,572	\$ 41,078	\$ 46,803	\$ 54,436	\$ 64,614	\$ 78,185	\$ 96,280
<i>Owner's Equity</i>								
Capital Stock	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Additional Paid-In Capital	\$ 6,236,443	\$ 11,472,887	\$ 11,472,887	\$ 11,472,887	\$ 11,472,887	\$ 11,472,887	\$ 11,472,887	\$ 11,472,887
Retained Earnings	\$ 594,470	\$ 1,810,416	\$ 2,479,141	\$ 3,130,303	\$ 3,740,101	\$ 4,228,783	\$ 4,553,990	\$ 4,659,226
Total Equity	\$ 6,830,913	\$ 13,283,302	\$ 13,952,028	\$ 14,603,190	\$ 15,212,988	\$ 15,701,670	\$ 16,026,877	\$ 16,132,113
Total Liabilities and Owner's Equity	\$ 7,455,475	\$ 13,313,874	\$ 13,993,106	\$ 14,649,993	\$ 15,267,425	\$ 15,766,284	\$ 16,105,063	\$ 16,228,394

Statement of Cash Flows

	Forecast Period							
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8
Beginning Cash	\$ -	\$ (709,187)	\$ (1,854,178)	\$ (274,747)	\$ 1,343,644	\$ 2,922,574	\$ 4,387,727	\$ 5,692,793
CASH FLOWS FROM OPERATING ACTIVITIES:								
Net Income	594,470	1,215,946	668,726	651,162	609,798	488,681	325,208	105,236
<i>Adjustments to Reconcile Net Income to Net Cash Provided by Operating Activities</i>								
Add: Depreciation Expense	6,780	9,040	966,904	966,904	966,904	966,904	966,904	966,904
Add: Amortization	-	-	-	-	-	-	-	-
<i>Changes in Current Assets and Liabilities:</i>								
Marketable Securities	-	-	-	-	-	-	-	-
Accounts Receivable	(92,764)	(55,442)	(66,705)	(5,399)	(5,405)	(611)	(616)	(622)
Inventory	-	-	-	-	-	-	-	-
Prepayments	-	-	-	-	-	-	-	-
Other Current Assets	-	-	-	-	-	-	-	-
Accounts Payable	26,111	4,461	10,506	5,725	7,633	10,178	13,571	18,095
Other Current Liabilities	-	-	-	-	-	-	-	-
Net Cash Provided (Used) by Operations	\$ 534,597	\$ 1,174,005	\$ 1,579,431	\$ 1,618,391	\$ 1,578,930	\$ 1,465,153	\$ 1,305,066	\$ 1,089,613
CASH FLOWS FROM INVESTING ACTIVITIES:								
Capital Expenditures	(6,956,583)	(8,079,084)	-	-	-	-	-	-
Amortizable Asset (Net of Amortization)	-	-	-	-	-	-	-	-
Long-Term Investments	-	-	-	-	-	-	-	-
Net Cash Used by Investing Activities	\$ (6,956,583)	\$ (8,079,084)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CASH FLOWS FROM FINANCING ACTIVITIES:								
Notes Receivable	-	-	-	-	-	-	-	-
Notes Payable	-	-	-	-	-	-	-	-
Principal Payments	-	-	-	-	-	-	-	-
New Borrowing	-	-	-	-	-	-	-	-
Additional Paid-in Capital	5,712,799	5,760,088	-	-	-	-	-	-
Additions to Patronage Capital Credits	-	-	-	-	-	-	-	-
Payment of Dividends	-	-	-	-	-	-	-	-
Net Cash Used by Investing Activities	\$ 5,712,799	\$ 5,760,088	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Net Increase (Decrease) in Cash	\$ (709,187)	\$ (1,144,991)	\$ 1,579,431	\$ 1,618,391	\$ 1,578,930	\$ 1,465,153	\$ 1,305,066	\$ 1,089,613
Ending Cash	\$ (709,187)	\$ (1,854,178)	\$ (274,747)	\$ 1,343,644	\$ 2,922,574	\$ 4,387,727	\$ 5,692,793	\$ 6,782,406

NPV/IRR Table

	Net Present Value	Internal Rate of Return
Without BTOP Funding	(\$4,566,456.36)	-8.82%
With BTOP Funding	\$5,290,606.20	63.55%

Cash Flow W/BTOP	\$ (709,187)	\$ (1,144,991)	\$ 1,579,431	\$ 1,618,391	\$ 1,578,930	\$ 1,465,153	\$ 1,305,066	\$1,089,613
Cash Flow W/O BTOP	\$ (5,421,986)	\$ (6,905,079)	\$ 1,579,431	\$ 1,618,391	\$ 1,578,930	\$ 1,465,153	\$ 1,305,066	\$1,089,613

Calculated the Net Present Value using 4%.

Revenue Assumptions	
Factor	Specific Metric Used in Analysis
Customers Passed	
Anchor Institutions - Segment A	100.00%
Anchor Institutions - Segment B	N/A
Businesses	80.00%
Households	70.00%
Last Mile Providers	100.00%
Other - Federal, State, Local facilities	100.00%
Take Rate (should likely vary across 8-Year Forecast)	
Anchor Institutions - Segment A	100.00%
Anchor Institutions - Segment B	N/A
Businesses	Assume 30% of market share with initial year at 10% culminating in the 3rd year at 30%
Households	Assume 30% of market share with initial year at 10% culminating in the 3rd year at 30%
Last Mile Providers	70.00%
Direct Customer Connections	
Customer Segment A	N/A
Customer Segment B	N/A
Other	
Average Revenue per User (may vary across 8-year forecast)	
Anchor Institutions - Segment A	
Anchor Institutions - Segment B	\$0.00
Businesses	N/A
Households	N/A
Last Mile Providers (All)	\$ 1.69M over 8 years
Other	\$ 4.22M over 8 years

Cell Tower Fiber Backhaul

\$ 4.32M over 8 years

Expense Assumptions	
Factor	Specific Metric Used in Analysis
Network Expenses	
Backhaul	\$36,000.00
Maintenance	\$130,000.00
Utilities	\$800 monthly
Leasing	\$0.00

Depreciation	\$966,750 annually
Other	
Sales & Marketing	
Advertising	\$6,000.00
Commissions	\$0.00
Salaries	\$ 70,000 Annually
Other	
Customer Care & Billing	
Systems	\$28,500.00
Personnel	\$42,000.00
Other	
General & Administrative	
Professional Services	\$270,000.00
Insurance	\$0.00
Non-Network Utilities	\$0.00
Travel	\$0.00
Supplies	\$500.00
Miscellaneous	
Interest Expenses	
Debt Instrument A	
Debt Instrument B	
Taxes	
Federal Tax Rate	
Other Tax Rates	

Rationale (Cite Basis)
Routes are planned to pass all anchors
No Segment B is defined in this project
The design of the fiber path is such that a majority of businesses are passed
The design of the fiber path is such that a majority of residential areas are passed, within a short distance, to a connection point
Routes are planned to pass all last mile provider facilities at least once
Routes are planned to pass within a short distance of all facilities including but not limited to Fire Stations, Health Departments, Hospital, Public Libraries, Public Safety, Community Centers, Emergency Shelters, etc.
Anchor institutions have provided direct feedback either in letter or verbal commitments they will use the services
No Segment B is defined in this project
The competitive landscape is limited to very few carriers most of which are based on copper connections and thus limited in the delivered bandwidth. The percent penetration represents this project as a wholesale provider to other last mile retail providers.
The competitive landscape is limited to very few carriers most of which are based on copper connections and thus limited in the delivered bandwidth. The percent penetration represents this project as a wholesale provider to other last mile retail providers.
Last Mile providers contacted have indicated through letter interest and verbal commitments in using the installed facilities to access customers.
There are no direct customer connections with the exception of County Facilities and Departments
No Segment B is defined in this project
Anchor institutions are provided services at cost or in trade for usage of the facilities as a distribution hub for fiber and wireless hardware and services.
No Segment B is defined in this project
There are no direct customer connections with the exception of County Facilities and Departments
There are no direct customer connections with the exception of County Facilities and Departments
Average wholesale revenue across all wholesale services provided as stated in the Income Statement
Dark fiber sales of 175 miles 20% of 144 strands within the Core Ring at \$10 per mile per month on a 5 year term

Oconee County currently has over 40 cell towers. Many of them do not have fiber connections that are required to implement 3G Cellular services. This project would provide the infrastructure necessary. The estimate is based on the capture of 26 towers over a 8 year period.

Rationale (Cite Basis)
Cost to backhaul Internet traffic to Atlanta GA Southeast National Access Point 1Gb incrementat quote provided by vendor supplier.
This is a budgetary estimate only. It is for repairs only of the fiber infrastructure. Equipment is covered under manufacturer's warranty.
Estimated based on similar facilities
No leased equipment

Estimate based on straight line depreciation of Network & Access Equipment, Outside Plant, Data Center UPS, Standby Generator, Billing System Software, and Service Vehicle over a range of 8 to 20 years. Testing along with Professional & Testing Services were allocated to Network & Access Equipment and Outside Plant and therefore included in the depreciation.

Monthly local advertising

Salary based sales only

2 Full time sales persons with overhead

Software to support Billing and Customer Support Activities

Annual costs for 3 personnel

1 person, 3 years at \$90,000 per year as contract Project Manager

Insurance provided by existing County policy

Annual Misc office expenses

BTOP Comprehensive Community Infrastructure Service Offerings and Competitor Data Template

Please complete the complete the following worksheets--either of the Last Mile or Middle Mile Service Offerings worksheets may be omitted if the applicant is not proposing to provide that type.

For both the Last Mile and Middle Mile Service Offerings worksheets, the service offerings should include all relevant tiers and markets (*e.g.* residential, business, wholesale). Applicants should ensure to include details on any services that would be offered at discounted rates to specific classes of customers (*e.g.* community anchor institutions or third party service providers).

In the Last Mile Service Offerings worksheet, applicants are required to provide estimated end user speeds. Average speeds should be the average sustained actual, non-burst end user speed that would be received during a peak hour. For purposes of calculating these speeds, applicants should utilize their subscriber projections for year eight of the project, and develop utilization projections that are consistent with any additional services the applicant proposes. For wireless broadband services, this speed should be an average of the speeds available across the entire cell. Beyond these general guidelines, due to the multiplicity of technical solutions that may be proposed, the applicants may use discretion to determine the most reasonable method to estimate actual speeds on their network. Applicants should explain the underlying methodology used to calculate the average speeds in the space provided.

In the Competitor Data worksheet, applicants are required to provide data on both Last Mile and middle mile service providers, regardless of whether the applicant proposes to offer Last Mile and middle mile services. In the column titled Service Areas Where Service Offered, applicants should list all of the Last Mile and Middle Mile Service Areas within their Proposed Project Area in which the listed services are available. Please ensure that the Service Areas are consistent with those provided within the application and the Service Areas attached as an exhibit. If the actual availability of the listed services is limited (*e.g.* the service is only available within a specific Last Mile or Middle Mile Service Area), note this in the Other Comments column.

In contrast to several other attachment templates in this application, the data provided in this template will NOT be subject to automated processing. These templates worksheets are provided to demonstrate the level of data required and to provide a suggested format. Applicants may modify the template layouts in order to provide the most effective presentation of data for their specific project. Applicants should, however, ensure that they provide at least as much data as these templates require. To the extent that you modify these templates please ensure that the print layouts are adjusted so that rows do not break across pages in a manner that is difficult to understand. It is recommended that you provide these documents in PDF format when submitting a copy of your application on an appropriate electronic medium, such as a CD-ROM, or flash drive.

Middle Mile
provide services of

offerings should
plans should be
particular
(riders).

estimated average
fast speeds that an
plans, applicants
subscriber
plans to offer.
available across an
solutions that may
manner in which
making assumptions

last mile and
for both last mile
plans, applicants
Funded Service
plan names are
relevant. If the
within part of the

provided via this
plans are provided
applicants are free to
the data for
as much detail
ensure that the
will be difficult
when
as a DVD, CD-

Proposed Middle Mile Service Offerings

Name of Service Offering	Distance Band or Point to Point	Minimum Peak Load Network Bandwidth Capacity (Mbps)	Monthly/Yearly Pricing (\$)	Other Comments/Description/Features or Limitations
Basic Residential Internet	All	10Mb X 2Mb	24	
Premium Residential Internet	All	20Mb X 5Mb	44	
Basic Business Internet	All	10Mb X 5Mb	299	
Premium Business Internet	All	20Mb X 10Mb	479	
Ultra Business Internet	All	30Mb X 20Mb	718	

Competitor Data

Competitor Data - Last Mile Service Providers

Service Provider	Service Areas Where Service Available	Technology Platform	Service Tiers	Downstream Speed	Monthly Pricing	Other Comments/Description/Features or Limitations
Northland Cable	General Availability in City Limits of Seneca	Cable	Entry Level Plan	2Mb/256k	\$29.95	Residential
		Cable	Highest Speed Plan	6Mb/1Mb	\$54.95	Residential
		Cable	Other Plans (e.g. Mid-Tier Plan)	6Mb/512k	\$39.95	Residential
AT&T	Only Available in areas with DSL capable DSLAM Installations	DSL	Entry Level Plan	1.5Mb/256k	\$32.95	Residential
		DSL	Highest Speed Plan	6Mb/512k	\$42.95	Residential
		DSL	Other Plans (e.g. Mid-Tier Plan)	3Mb/384k	\$37.95	Residential
Charter	Available in Salem SC and Keowee Key	Cable	Entry Level Plan	1Mb/128k	\$19.95	Residential
		Cable	Highest Speed Plan	25Mb/4Mb	\$39.90	Residential
		Cable	Other Plans (e.g. Mid-Tier Plan)	16Mb/2Mb	\$119.99	Residential

Competitor Data - Middle Mile Service Providers

Service Provider	Service Areas Where Service Available	Technology Platform	Service Tiers	Distance Band or Point-to-Point	Minimum Peak Load Network Bandwidth Capacity	Pricing	Other Comments/Description/Features or Limitations
AT&T	Countywide	T-1	1.5mb x 1.5Mb	0-10 Miles	1.5Mb	\$599	Price varies with term and special discounts. Price Represents Average
			3Mb X 3Mb	0-10 Miles	3.0Mb	\$1,150	Price varies with term and special discounts. Price Represents Average
AT&T	Countywide	Metro-Ethernet	2Gb	0-10 Miles	2Gb	ASK BRIAN	Price varies with term and special discounts. Price Represents Average
			4Gb	0-10 Miles	4Gb	ASK BRIAN	Price varies with term and special discounts. Price Represents Average
			10Gb	0-10 Miles	10Gb	\$2,250	Price varies with term and special discounts. Price Represents Average

Comprehensive Community Infrastructure Key Metrics Dashboard

Please refer to the CCI Grant Guidelines for instructions on completing this form.

Applicant Profile	
Applicant Name	Oconee County
Title	Oconee FOCUS (Fiber Optics Creating Unified Solution)
Easygrants ID	7461
Headquarters	Oconee County
Size (2009 Data) of Applicant Entity	<ul style="list-style-type: none"> • Current Year Revenues: 52,547,006 • Employees: 465
Technology Type	Fiber
Key Partners	Schools, cities, Hospital, Public Safety entities, higher education

Project Economics			
Budget Information		Project Financials	
Project Budget	15,285,817	Project Revenues (Yr 8)	\$ 881,248
Federal Contribution (%)	70	Net Income and Margin (Yr 8)	\$ 1,089,613
Cash Match Amount (%)	29	EBITDA and Margin (Yr 8)	TBD
In Kind Match Amount (%)	1	Rate of Return (w/o BTOP Funds)	TBD
Middle Mile/Last Mile Budget Allocation		Rate of Return (w/ BTOP Funds)	TBD
Middle Mile Percentage (%)	85	Cost Efficiency	
Last Mile Percentage (%)	15	Cost per Mile (MM)	32000
Rural Last Mile Percentage	TBD	Cost per Household (LM)	TBD

Market Territory	
Geographic Area(s)	
Middle Mile Network Composition	
Total Proposed Network Miles (MM only)	<ul style="list-style-type: none"> • Total Miles: 245 • Backbone Miles: 245 • Lateral Miles: 245
New Construction Network Miles (MM only)	<ul style="list-style-type: none"> • Total Miles: 245 • Backbone Miles: 245 • Lateral Miles: 245
Existing Applicant Network Miles Utilized (MM only)	<ul style="list-style-type: none"> • Total Miles: 0 • Backbone Miles: 0 • Lateral Miles: 0
Leased Network Miles Utilized (MM only)	<ul style="list-style-type: none"> • Total Miles: 0 • Backbone Miles: 0 • Lateral Miles: 0
Underserved/Unserved	<ul style="list-style-type: none"> • Percentage of Backbone Miles in Underserved/Unserved Areas: 0 • Percentage of Lateral Miles in Underserved/Unserved Areas: 0
Existing Customer Base	

Comprehensive Community Infrastructure Key Metrics Dashboard

Existing Residential/Individual Customers within PFSA	30% IN Oconee
Existing Business Customers within PFSA	900
Existing Community Anchor Institution Customers within PFSA	<ul style="list-style-type: none"> • Total CAI's: 157 • Community Colleges:1 • Public Safety Entities:26
Existing Third Party Service Provider Customers within PFSA	At&t is 30%
Potential Customer Base	
Market Potential Households (within PFSA)	<ul style="list-style-type: none"> • Total HH's: 28000 • Located in Underserved/Unserved Areas: 70%
Market Potential Businesses (within PFSA)	<ul style="list-style-type: none"> • Total Businesses: 2500 • Located in Underserved/Unserved Areas: 30%
Market Potential Community Anchor Institutions (within PFSA)	<ul style="list-style-type: none"> • Total CAI's: 157 • Located in Underserved/Unserved Areas: • Community Colleges:1 • Public Safety Entities:26
Market Potential Third Party Service Providers (within PFSA)	<ul style="list-style-type: none"> • Total Third Party Service Providers in PFSA: • Expressing Commitment or Letter of Interest:
Funded Network Coverage	
Households Connected to Network (via BTOP Funds by end of Year 3)	<ul style="list-style-type: none"> • Total Households Connected: 45% • Located in Underserved/Unserved Areas: tbd
Businesses Connected to Network (via BTOP Funds by end of Year 3)	<ul style="list-style-type: none"> • Total Businesses Connected: 80% • Located in Underserved/Unserved Areas: tbd
Community Anchor Institutions Directly Connected (via BTOP Funds by end of Year 3)	<ul style="list-style-type: none"> • Total Directly Connected CAI's: 100% • Located in Underserved/Unserved Areas: tbd • Community Colleges:1 • Public Safety Entities:26
Projected Subscribers by Year Five	<p><u>Directly Served by Applicant</u></p> <ul style="list-style-type: none"> • Community Anchor Institutions: 157 • Households: 28000 • Businesses: 2500 • Third Party Service Providers: tbd <p><u>Served by Proposed Network Via Third Party Service Provider</u></p> <ul style="list-style-type: none"> • Community Anchor Institutions: 157 • Households: 28000 • Businesses: 2500

Comprehensive Community Infrastructure Key Metrics Dashboard

Other	
Proposed MM Network Capacity	<ul style="list-style-type: none"> • Backbone: • Laterals:
Proposed LM Network Speed	<ul style="list-style-type: none"> • Highest offered speed tier: • Estimated Average speed for highest speed tier:
Total Points of Interconnection	<ul style="list-style-type: none"> • Total Pol's: • Pol's in Underserved/Unserved Areas: • Environmentally-controlled, non-passive Pols:
Jobs Created	<ul style="list-style-type: none"> • Direct Job-years: 75 • Indirect Job-years: 500 • Induced Job-years: 1500
Required Time for Project Completion (Number of Required Quarters to Fully Build-out and Test Network and Make Ready for Commercial Service)	<p>3 Years</p>

BTOP Comprehensive Community Infrastructure Service Area Template

Please complete the complete the CCI Service Area worksheet. In each line you will provide name of a service area and one of the contiguous Census tracts or block groups that make u service area. Please provide full 11-digit Census tract numbers, includes the 2-digit State FIF the 3-digit county code, followed by a unique 6-digit tract number. For Census block group: please provide the full tract number, plus the 1-digit block group number (12 digits total). If more than one Census tract or block group in a service area, there will be multiple lines in th for that service area. It is critical that the service area names provided in this table match w service area names provided in the Service Area Details page of the application. Please revie document and Service Area Details page for consistency before submitting your application.

Important Note: Excel truncates leading zeros from numbers. Consequently, the tract/block column on the worksheet has been formatted as text. This formatting should not be altered validity of your data may be compromised.

The data provided via this attachment will be subject to automated processing. Applicants a therefore required to provide this attachment as an Excel file, and not to convert it to a PDF submitting a copy of your application on an appropriate electronic medium, such as a DVD, (ROM, or flash drive. Additionally, Applicants should not modify the format of this file (*e.g.*, l adding or removing worksheets). Do not leave blank lines in the table between service area

EXAMPLE

Service Area Name	Tract or Block Group #
Big BB Project South	01001020100
Big BB Project South	01001020100
Big BB Project South	010010202001
Big BB Project West	01001020400
Big BB Project North	01001020800
Big BB Project North	010010209002

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BTOP CCI Service Area Template

Title: **Oconee County Mid-Mile Fiber Project (FOCUS)**
Easy Grants ID: **7461**

Service Area Name	Tract or Block Group #
Oconee County Northeast	030200
Oconee County Keowee North	030300
Oconee County Keowee South	030600
Oconee County Tokeena Cross	030702
Oconee County Fairplay	030701
Oconee County Oakway	030800
Oconee County Hwy 24	030900
Oconee County Chickasaw Point	031000



Comprehensive Community Infrastructure **Budget Narrative Template**

Applicant Name: Oconee County

EasyGrants Number: 7461

Organization Type: County Government

Proposed Period of Performance: 2 years Beginning with Funds Availability

Total Project Costs: \$15,283,417

Total Federal Grant Request: \$ 10,689,572

Total Matching Funds (Cash): \$4,581,245

Total Matching Funds (In-Kind): \$15,000

Total Matching Funds (Cash + In-Kind): \$4,596,245

Total Matching Funds (Cash + In-Kind) as Percentage of Total Project Costs: %30

1. Administrative and legal expenses - \$0

Oconee County has legal and administrative facilities already in place and will not require additional funding for these functions.

2. Land, structure, rights-of-way, appraisals, etc. - \$0

Oconee County is utilizing existing land structures and rights-of-way and will not require any additional funding for these functions.

3. Relocation expenses and payment - \$0

Oconee County is utilizing existing land structures and rights-of-way and will not require any additional funding for these functions.

4. Architectural and engineering fees - \$461,760



The CISCO hardware selected for this project is carrier grade requiring the time and effort of a CISCO Engineer. The time allotted is 60 hours at \$150 per hour and is based on vendor information. The funds are 30% cash match and 70% Grant. (Amount is \$9,000)

Outside Plant Engineering and permitting is based on the total footage of fiber installed. The allowance is \$0.35 per foot for 1,293,600 Ft. The amount is based on vendor supplied information. The funds are 30% cash match and 70% Grant. (Amount is \$452,760)

5. Other architectural and engineering fees - \$483,500

A multi-year project manager is required for this project. The time allocated is 4,300 hours at \$95 per hour. This amount is commensurate with local pricing. The funds are 30% cash match and 70% Grant. (Amount \$408,500)

A overall systems design consultant is allocated for this project to provide Quality Assurance and Control of the various design components and processes. The time allocated is 500 hours at \$150 per hour and is commensurate with local rates. The funds are 30% cash match and 70% Grant. (Amount \$75,000)

6. Project inspection fees - \$0

See Item 5 above.

7. Site work - \$0

None Required

8. Demolition and removal - \$0

None Required

9. Construction - \$15,000

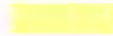
Existing facilities are used for placement of optical hardware. Some remodeling costs are necessary to secure the equipment or provide environmental controls. This amount is estimated and represents an in-kind funding source.

10. Equipment - \$13,964,657

The detailed list of equipment is attached as a PDF file. The funds are 30% cash match and 70% Grant.



ARRA Fiber Optic Project



indicates a cell for an input

Transport Assumptions

Transport miles of line
Number of transport sites
Number of security sites
Fiber Count

245
20
0
144

Choose either 48, 96, 144, 288

Access Assumptions

Homes Passed
Subscription Rate
Homes Connected

2000
25%
500

Wireless

Square Miles

1.4

11.

Miscellaneous - \$0

None required

13. Contingencies - \$0

- Contingencies are an unallowable expenditures under BTOP.

15. Project (program) income - \$0



Broadband Technology Opportunities Program (BTOP)

- The value for this line-item on the SF-424C is \$0. Please do not provide an estimated Project (program income) on the SF-424C.

BTOP Comprehensive Community Infrastructure Service Offerings and Competitor Data Template

Please complete the complete the following worksheets--either of the Last Mile or Middle Mile Service Offerings worksheets may be omitted if the applicant is not proposing to provide that type.

For both the Last Mile and Middle Mile Service Offerings worksheets, the service offerings should include all relevant tiers and markets (*e.g.* residential, business, wholesale). Applicants should ensure to include details on any services that would be offered at discounted rates to specific classes of customers (*e.g.* community anchor institutions or third party service providers).

In the Last Mile Service Offerings worksheet, applicants are required to provide estimated end user speeds. Average speeds should be the average sustained actual, non-burst end user speed that would be received during a peak hour. For purposes of calculating these speeds, applicants should utilize their subscriber projections for year eight of the project, and develop utilization projections that are consistent with any additional services the applicant proposes. For wireless broadband services, this speed should be an average of the speeds available across the entire cell. Beyond these general guidelines, due to the multiplicity of technical solutions that may be proposed, the applicants may use discretion to determine the most reasonable method to estimate actual speeds on their network. Applicants should explain the underlying methodology used to calculate the average speeds in the space provided.

In the Competitor Data worksheet, applicants are required to provide data on both Last Mile and middle mile service providers, regardless of whether the applicant proposes to offer Last Mile and middle mile services. In the column titled Service Areas Where Service Offered, applicants should list all of the Last Mile and Middle Mile Service Areas within their Proposed Project Area in which the listed services are available. Please ensure that the Service Areas are consistent with those provided within the application and the Service Areas attached to the application. If the actual availability of the listed services is limited (*e.g.* the service is only available within a specific Last Mile or Middle Mile Service Area), note this in the Other Comments column.

In contrast to several other attachment templates in this application, the data provided in this template will NOT be subject to automated processing. These templates worksheets are provided to demonstrate the level of data required and to provide a suggested format. Applicants may modify the template layouts in order to provide the most effective presentation of data for their specific project. Applicants should, however, ensure that they provide at least as much data as these templates require. To the extent that you modify these templates please ensure that the print layouts are adjusted so that rows do not break across pages in a manner that is difficult to understand. It is recommended that you provide these documents in PDF format when submitting a copy of your application on an appropriate electronic medium, such as a CD-ROM, or flash drive.

Middle Mile
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Proposed Middle Mile Service Offerings

Name of Service Offering	Distance Band or Point to Point	Minimum Peak Load Network Bandwidth Capacity (Mbps)	Monthly/Yearly Pricing (\$)	Other Comments/Description/Features or Limitations
Basic Residential Internet	All	10Mb X 2Mb	24	
Premium Residential Internet	All	20Mb X 5Mb	44	
Basic Business Internet	All	10Mb X 5Mb	299	
Premium Business Internet	All	20Mb X 10Mb	479	
Ultra Business Internet	All	30Mb X 20Mb	718	

Competitor Data

Competitor Data - Last Mile Service Providers

Service Provider	Service Areas Where Service Available	Technology Platform	Service Tiers	Downstream Speed	Monthly Pricing	Other Comments/Description/Features or Limitations
Northland Cable	General Availability in City Limits of Seneca	Cable	Entry Level Plan	2Mb/256k	\$29.95	Residential
		Cable	Highest Speed Plan	6Mb/1Mb	\$54.95	Residential
		Cable	Other Plans (e.g. Mid-Tier Plan)	6Mb/512k	\$39.95	Residential
AT&T	Only Available in areas with DSL capable DSLAM Installations	DSL	Entry Level Plan	1.5Mb/256k	\$32.95	Residential
		DSL	Highest Speed Plan	6Mb/512k	\$42.95	Residential
		DSL	Other Plans (e.g. Mid-Tier Plan)	3Mb/384k	\$37.95	Residential
Charter	Available in Salem SC and Keowee Key	Cable	Entry Level Plan	1Mb/128k	\$19.95	Residential
		Cable	Highest Speed Plan	25Mb/4Mb	\$39.90	Residential
		Cable	Other Plans (e.g. Mid-Tier Plan)	16Mb/2Mb	\$119.99	Residential

Competitor Data - Middle Mile Service Providers

Service Provider	Service Areas Where Service Available	Technology Platform	Service Tiers	Distance Band or Point-to-Point	Minimum Peak Load Network Bandwidth Capacity	Pricing	Other Comments/Description/Features or Limitations
AT&T	Countywide	T-1	1.5mb x 1.5Mb	0-10 Miles	1.5Mb	\$599	Price varies with term and special discounts. Price Represents Average
			3Mb X 3Mb	0-10 Miles	3.0Mb	\$1,150	Price varies with term and special discounts. Price Represents Average
AT&T	Countywide	Metro-Ethernet	2Gb	0-10 Miles	2Gb	ASK BRIAN	Price varies with term and special discounts. Price Represents Average
			4Gb	0-10 Miles	4Gb	ASK BRIAN	Price varies with term and special discounts. Price Represents Average
			10Gb	0-10 Miles	10Gb	\$2,250	Price varies with term and special discounts. Price Represents Average

Broadband Subscriber Estimates

Name of Service Offering	Customer Type	Year 0	Cumulative/ Net Add	Year 1				Year 2				Year 3				Year 4	
				Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2
Residential Basic	Third Party Service Provider	0	Cumulative	210	420	630	840	1097	1354	1611	1868	2313	2758	3203	3648	3658	3668
			Net Add	210	210	210	210	257	257	257	257	445	445	445	445	10	10
Residential Premium	Third Party Service Provider	0	Cumulative	210	420	630	840	1097	1354	1611	1868	2313	2758	3203	3648	3658	3668
			Net Add	210	210	210	210	257	257	257	257	445	445	445	445	10	10
Business Basic	Third Party Service Provider	0	Cumulative	12	25	37	49	76	103	130	157	183	209	235	261	261	261
			Net Add	12	12	12	12	15	15	15	15	26	26	26	26	0	0
Business Premium	Third Party Service Provider	0	Cumulative	12	25	37	49	76	103	130	157	183	209	235	261	261	261
			Net Add	12	12	12	12	15	15	15	15	26	26	26	26	0	0
Business Ultra	Third Party Service Provider	0	Cumulative	12	25	37	49	76	103	130	157	183	209	235	261	261	261
			Net Add	12	12	12	12	15	15	15	15	26	26	26	26	0	0
Anchor Institutions	Community Anchor Inst.	15	Cumulative	25	35	45	55	65	75	75	75	75	75	75	75	75	75
			Net Add	10	10	10	10	10	10								
Cumulative Totals (including Indirect)	Residential/Individual		Total														
	Business		Total	36	75	111	147	228	309	390	471	549	627	705	783	783	783
	Community Anchor Inst.		Total	25	35	45	55	65	75	75	75	75	75	75	75	75	75
	Third Party Service Provider		Total	456	915	1371	1827	2422	3017	3612	4207	5175	6143	7111	8079	8099	8119

Table of Customer Types

Residential/Individual
Business
Community Anchor Inst.
Third Party Service Provider
Indirect - Res./Ind.
Indirect - Business
Indirect - Com. Anchor Inst.

Explanation of Methodology:

Initial Customer ramp up is based on a 3 year term and estimates a conservative 30% market Capture.
Table below illustrates details

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9
Households	28000	28308	28619	28934	29252	29574	29900	30228	30561
Expected Reach	40%	60%	85%	85%	85%	85%	85%	85%	85%
Capture Rate	15%	22%	30%	30%	30%	30%	30%	30%	30%
Subscribers	1680	3737	7298	7378	7459	7541	7624	7708	7793
Businesses	2490	2496	2502	2508	2514	2520	2526	2532	2538
Expected Reach	40%	60%	85%	85%	85%	85%	85%	85%	85%
Capture Rate	15%	22%	30%	30%	30%	30%	30%	30%	30%
Subscribers	149	329	638	640	641	643	644	646	647

Name of Service Offering	Customer Type	Year 4		Year 5				Year 6				Year 7				Year 8		
		Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3
Residential Basic	Third Party Service Provider	3678	3688	3698	3708	3718	3728	3738	3748	3758	3768	3778	3788	3798	3808	3818	3828	3838
		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Residential Premium	Third Party Service Provider	3678	3688	3698	3708	3718	3728	3738	3748	3758	3768	3778	3788	3798	3808	3818	3828	3838
		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Business Basic	Third Party Service Provider	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Business Premium	Third Party Service Provider	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Business Ultra	Third Party Service Provider	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261	261
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anchor Institutions	Community Anchor Inst.	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
Cumulative Totals (including Indirect)	Residential/Individual																	
	Business	783	783	783	783	783	783	783	783	783	783	783	783	783	783	783	783	
	Community Anchor Inst.	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	
	Third Party Service Provider	8139	8159	8179	8199	8219	8239	8259	8279	8299	8319	8339	8359	8379	8399	8419	8439	8459

Table of Customer Types

Residential/Individual
Business
Community Anchor Inst.
Third Party Service Provider
Indirect - Res./Ind.
Indirect - Business
Indirect - Com. Anchor Inst.

Name of Service Offering	Customer Type	Qtr 4
		Residential Basic
Residential Premium	Third Party Service Provider	3848 10
Business Basic	Third Party Service Provider	261 0
Business Premium	Third Party Service Provider	261 0
Business Ultra	Third Party Service Provider	261 0
Anchor Institutions	Community Anchor Inst.	75
Cumulative Totals (including Indirect)	Residential/Individual Business	783
	Community Anchor Inst.	75
	Third Party Service Provider	8479

Table of Customer Types

Residential/Individual
Business
Community Anchor Inst.
Third Party Service Provider
Indirect - Res./Ind.
Indirect - Business
Indirect - Com. Anchor Inst.

BTOP Comprehensive Community Infrastructure Project Plan and Build-out Timeline

Please complete the Project Plan and Build-out Timeline templates below. Note that these templates may be modified by applicants in order to provide the most effective presentation of the data for their specific project. Applicants should ensure, however, that they provide at least as much detail as the provided templates require.

For system stability reasons, it is recommended that you provide these documents in PDF format when submitting a copy of your application on an appropriate electronic medium, such as a DVD, CD-ROM, or flash drive. There is no need to provide this instruction page.

PROJECT PLAN

- Use the following table to list the major network build-out phases and milestones that can demonstrate that your entire project will be substantially complete by the end of Year 2 and fully complete by the end of Year 3. This is to be done at the aggregate level (combining all proposed funded service areas.)
- Indicated how the milestones listed below will demonstrate these completion objectives. The applicant should consider such project areas as: a) network design; b) securing all relevant licenses and agreements; c) site preparation; d) inside plant deployment; e) outside plan deployment; f) deployment of business & operational support systems; g) network testing; f) network operational. The applicant may provide any other milestones that it believes showcase progress.
- Project inception (Year 0) starts at the date when the applicant receives notice that the project has been approved for funding.
- In the table, provide any information (e.g., facts, analysis) to: a) demonstrate the reasonableness of these milestones; b) substantiate the ability to reach the milestones by the quarters indicated.

Time Period	Quarter	Milestones	Support for Reasonableness/Data Points
Year 0	-	<ul style="list-style-type: none"> • Fiber Installation bid is awarded • Network hardware begin installing • Policy & procedures written and published • Complete Cost Analysis and market for last mile providers • Latest MS Project Plan published including all logistics 	<ul style="list-style-type: none"> • Initial planning period setting task parameters and preparing for field work to begin. Materials are acquired just-in-time as needed by the project plan. Any necessary permits are acquired at this time.
Year 1	Qtr. 1	<ul style="list-style-type: none"> • Install fiber at 20 miles per month or 60 miles per Qtr • 4 wireless access point installed • 4 Optical aggregation points installed • Total 60 miles installed • Network POP Materials acquisition 	<ul style="list-style-type: none"> • Work is planned to span the project period equally in density of areas covered. Allowances are incorporated for weather delays. Some allowances are incorporated for rock if this condition arises. • Equipment is acquired as needed for specific tasks or in quantity if needed for economies of scale. • Business and Anchor Institutions are passed first to enable services as soon as possible. More remote areas are passed in the later quarters.
	Qtr. 2	<ul style="list-style-type: none"> • Install fiber at 20 miles per month or 60 miles per Qtr • 4 Wireless access point installed; total of 8 APs • 4 Optical Nodes installed; total of 8 Nodes • Total 120 miles installed • Network POP 1 Installed in Walhalla, SC 	<ul style="list-style-type: none"> • Fiber installation represents the critical path task that has the longest timeline. All other tasks are slotted within this timeline and take place as optical Node locations are passed. Fiber is lit in sections as construction allows.
	Qtr. 3	<ul style="list-style-type: none"> • Install fiber at 20 miles per month or 60 miles per Qtr • 4 Wireless access point installed; total of 12 APs • 4 Optical Nodes installed; total of 12 Nodes • Total 180 miles installed 	<ul style="list-style-type: none"> • Sections of fiber may be lit as construction permits

		<ul style="list-style-type: none"> • Network POP Materials Acquisition 	
	Qtr. 4	<ul style="list-style-type: none"> • Install fiber at 20 miles per month or 60 miles per Qtr • 4 Wireless access point installed; total of 16 APs • 4 Optical Nodes installed; total of 16 Nodes • Total 240 miles installed • Network POP 2 Installed in Seneca, SC • Third Party sales of transport begin 	<ul style="list-style-type: none"> • System becomes operational in stages. This Quarter signals the availability of transport for third party providers with additional circuits brought online through the rest of the project.
Year 2	Qtr. 1	<ul style="list-style-type: none"> • Install fiber at 20 miles per month or 60 miles per Qtr • Remaining fiber installation complete • 4 Wireless access point installed; total of 20 APs • 4 Optical Nodes installed; total of 20 Nodes 	<ul style="list-style-type: none"> • Spurs into remote areas completed at this time. Fewer residential and business customers passed than in previous quarters.
	Qtr. 2	<ul style="list-style-type: none"> • Remaining QTRs through year2 are used if weather and/or rock conditions require time beyond the allowances above. All construction completed by the end of the 2nd year. 	<ul style="list-style-type: none"> •
	Qtr. 3	<ul style="list-style-type: none"> • Remaining QTRs through year2 are used if weather and/or rock conditions require time beyond the allowances above. All construction completed by the end of the 2nd year. 	<ul style="list-style-type: none"> •
	Qtr. 4	<ul style="list-style-type: none"> • Remaining QTRs through year2 are used if weather and/or rock conditions require time beyond the allowances above. All construction completed by the end of the 2nd year. 	<ul style="list-style-type: none"> •

BUILD-OUT TIMELINE

This Build-out timeline is for the entire service area. We have used this model because the entire service area is only 640 square miles incorporating 245 miles of fiber.

Service Area	[Oconee County]								
	YEAR 0	YEAR 1				YEAR 2			
		Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4
Infrastructure Funds									
Infrastructure Funds Advanced (estimate)		\$3,820,854	\$6,113,367	\$9,934,221	\$12,226,733	\$13,755,075	\$15,283,417		
Percentage of Total Funds		25	15	25	15	10	10		
Entities Passed & %									
Households		4900	8820	12740	16660	18620	19600		
Percentage of Total Households		25	20	20	20	10	5		
Businesses		500	400	400	400	200	100		
Percentage of Total Businesses		30	20	20	20	10			
Community Anchor Institutions		39	32	32	32	16	8		
Percentage of Total Institutions		25	20	20	20	10	5		

- Infrastructure funds available include all matching and Federal funds.
- Households passed are cumulative
- Businesses passed are cumulative
- Anchor institutions passed are cumulative

March 26, 2010
Ms. Kim Wilbanks
Grant Coordinator
Oconee County
415 South Pine St.
Wahalla, SC 29691

Dear Ms. Willbanks:

I am writing to voice my support for the application you are submitting for broadband infrastructure to the National Telecommunication Information Administration.

BalsamWest FiberNET, LLC is a participant with similar projects in North Carolina headed by MCNC and involving other public and private sector entities across North Carolina. BalsamWest was created in 2003 in a public/private partnership between the Eastern Band of Cherokee Indians, Drake Enterprises LTD and Southwestern Community College. BalsamWest is a middle mile network serving the six westernmost counties of North Carolina including the Qualla Boundary. BalsamWest, along with other public and private entities in Western North Carolina has connected every school system in our footprint to the state education network and with the guidance of MCNC we expect to further enhance that connectivity.

It is our understanding that should your application be funded, that a portion of your network in rural Upstate South Carolina will come within a few miles of our network in North Carolina. I am hopeful that in the not-too-distant future we may be able to work together to interconnect our networks. Doing so would vastly improve the opportunities and redundant access for both our regions.

Please feel free to call me with any questions.

Respectfully,



David Hubbs
CEO, BalsamWest FiberNET, LLC.
52 Colonial Square
Sylva, NC 28779
828-586-6141

Applicants should also review the instructions for certification included in the regulations before completing this form. Signature on this form provides for compliance with certification requirements under 15 CFR Part 28, 'New Restrictions on Lobbying.' The certifications shall be treated as a material representation of fact upon which reliance will be placed when the Department of Commerce determines to award the covered transaction, grant, or cooperative agreement.

LOBBYING

As required by Section 1352, Title 31 of the U.S. Code, and implemented at 15 CFR Part 28, for persons entering into a grant, cooperative agreement or contract over \$100,000 or a loan or loan guarantee over \$150,000 as defined at 15 CFR Part 28, Sections 28.105 and 28.110, the applicant certifies that to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, 'Disclosure Form to Report Lobbying,' in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure occurring on or before October 23, 1996, and of not less than \$11,000 and not more than \$110,000 for each such failure occurring after October 23, 1996.

Statement for Loan Guarantees and Loan Insurance

The undersigned states, to the best of his or her knowledge and belief, that:

In any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, 'Disclosure Form to Report Lobbying,' in accordance with its instructions.

Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure occurring on or before October 23, 1996, and of not less than \$11,000 and not more than \$110,000 for each such failure occurring after October 23, 1996.

As the duly authorized representative of the applicant, I hereby certify that the applicant will comply with the above applicable certification.

* NAME OF APPLICANT

Oconee County

* AWARD NUMBER

* PROJECT NAME

Oconee County "FOCUS" Project

Prefix:

* First Name:

Kim

Middle Name:

* Last Name:

Wilbanks

Suffix:

* Title:

Grants Administrator

* SIGNATURE:

Completed by Grants.gov upon submission.

* DATE:

Completed by Grants.gov upon submission.

CERTIFICATIONS REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION-LOWER TIER COVERED TRANSACTIONS AND LOBBYING

Applicants should refer to the regulations cited below to determine the certification to which they are required to attest. Applicants should also review the instructions for certification included in the regulations before completing this form. Signature on this form provides for compliance with certification requirements under 15 CFR Part 26, "Governmentwide Debarment and Suspension (Nonprocurement)" and 15 CFR Part 28, "New Restrictions on Lobbying."

1. DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION-LOWER TIER COVERED TRANSACTIONS

As required by Executive Order 12549, Debarment and Suspension, and implemented at 15 CFR Part 26, Section 26.510, Participants responsibilities, for prospective participants in lower tier covered transactions (except subcontracts for goods or services under the \$25,000 small purchase threshold unless the subtier recipient will have a critical influence on or substantive control over the award), as defined at 15 CFR Part 26, Sections 26.105 and 26.110 -

(1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.

(2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

2. LOBBYING

As required by Section 1352, Title 31 of the U.S. Code, and implemented at 15 CFR Part 28, for persons entering into a grant, cooperative agreement or contract over \$100,000 or a loan or loan guarantee over \$150,000 as defined at 15 CFR Part 28, Sections 28.105 and 28.110, the applicant certifies that to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, 'Disclosure Form to Report Lobbying,' in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Statement for Loan Guarantees and Loan Insurance

The undersigned states, to the best of his or her knowledge and belief, that:

If any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, 'Disclosure Form to Report Lobbying,' in accordance with its instructions.

Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

As the duly authorized representative of the applicant, I hereby certify that the applicant will comply with the above applicable certification(s).

NAME OF APPLICANT

AWARD NUMBER AND/OR PROJECT NAME

Oconee County

Oconee County "FOCUS" Project

PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE

Kim Wilbanks Grants Administrator

SIGNATURE

DATE

Kim Wilbanks

5-11-10

**U.S. Department of Commerce
Broadband Technology Opportunities Program
Authentication and Certifications**

1. I certify that I am the duly Authorized Organization Representative (AOR) of the applicant organization, and that I have been authorized to submit the attached application on its behalf.
2. I certify that I have examined this application, that all of the information and responses in this application, including certifications, and forms submitted, all of which are part of this grant application, are material representations of fact and true and correct to the best of my knowledge, that the entity(ies) that is requesting grant funding pursuant to this application and any subgrantees and subcontractors will comply with the terms, conditions, purposes, and federal requirements of the grant program; that no kickbacks were paid to anyone; and that a false, fictitious, or fraudulent statements or claims on this application are grounds for denial or termination of a grant award, and/or possible punishment by a fine or imprisonment as provided in 18 U.S.C. §1001 and civil violations of the False Claims Act.
3. I certify that the entity(ies) I represent has and will comply with all applicable federal, state, and local laws, rules, regulations, ordinances, codes, orders and programmatic rules and requirements relating to the project. I acknowledge that failure to do so may result in rejection or deobligation of the grant or loan award. I acknowledge that failure to comply with all federal and program rules could result in civil or criminal prosecution by the appropriate law enforcement authorities.
4. I certify that the entity(ies) I represent has and will comply with all applicable administrative and federal statutory, regulatory, and policy requirements set forth in the Department of Commerce Pre-Award Notification Requirements for Grants and Cooperative Agreements ("DOC Pre-Award Notification"), published in the Federal Register on February 11, 2008 (73 FR 7696), as amended; DOC Financial Assistance Standard Terms and Conditions (Mar. 8, 2009); the Department of Commerce American Recovery and Reinvestment Act Award Terms (Apr. 9, 2009); and any Special Award Terms and Conditions that are included by the Grants Officer in the award.
5. I certify that any funds awarded to the entity(ies) I represent as a result of this application will not result in any unjust enrichment of such entity(ies) or duplicate any funds such entity(ies) receives under federal universal service support programs administered by the Universal Service Administrative Corporation (USAC).
6. I certify that the entity(ies) I represent has secured access to pay the 20% of total project cost or has petitioned the Assistant Secretary of NTIA for a waiver of the matching requirement.

6/22/10
Date


Authorized Organization Representative Signature

T. SCOTT MOULDER
Print Name

COUNTY ADMINISTRATOR
Title

DISCLOSURE OF LOBBYING ACTIVITIES

Approved by OMB

Complete this form to disclose lobbying activities pursuant to 31 U.S.C. 1352

0348-0046

(See reverse for public burden disclosure.)

1. Type of Federal Action: <input type="checkbox"/> a. contract <input checked="" type="checkbox"/> B b. grant c. cooperative agreement d. loan e. loan guarantee f. loan insurance	2. Status of Federal Action: <input checked="" type="checkbox"/> A a. bid/offer/application b. initial award c. post-award	3. Report Type: <input checked="" type="checkbox"/> A a. initial filing b. material change For Material Change Only: year _____ quarter _____ date of last report _____
4. Name and Address of Reporting Entity: <input checked="" type="checkbox"/> Prime <input type="checkbox"/> Subawardee Tier _____, if known: Congressional District, if known: 3	5. If Reporting Entity in No. 4 is a Subawardee, Enter Name and Address of Prime: OCONEE COUNTY 415 S. PINE ST WALHALLA, SC 29691 Congressional District, if known: 3	
6. Federal Department/Agency: NTIA	7. Federal Program Name/Description: BTOP CFDA Number, if applicable: 10.687	
8. Federal Action Number, if known:	9. Award Amount, if known: \$ 0.00	
10. a. Name and Address of Lobbying Registrant (if individual, last name, first name, MI): N/A	b. Individuals Performing Services (including address if different from No. 10a) (last name, first name, MI): N/A	
11. Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.	Signature: <u>Kim Wilbanks</u> Print Name: <u>Kim Wilbanks</u> Title: <u>Grants Administrator</u> Telephone No.: <u>864-638-4236</u> Date: <u>5-14-10</u>	
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