

Alabama Broadband Accessibility Fund 2018 Grant Application and Guide



broadband.fund@adeca.alabama.gov

Street Address: 401 Adams Avenue, Suite 560
Montgomery, Alabama 36104-4325

Mailing Address: Post Office Box 5690
Montgomery, Alabama 36103-5690

Alabama Broadband Accessibility Fund 2018 Grant Application and Guide

2018 Grant Application Guidelines

An application workshop will be held at 9:00 a.m. on Thursday, May 24, 2018, in the Alabama Center for Commerce 7th floor Auditorium. The code for the Decatur Street entrance to the parking deck is 7013#. Seating is limited; therefore, all attendees must register by calling or emailing Ms. Susan Fleeman at (334) 242-5292 or susan.fleeman@adeca.alabama.gov. An online version of the workshop and questions and answers from the workshop will be posted on the Alabama Department of Economic and Community Affairs (ADECA) website prior to May 28, 2018, at <http://adeca.alabama.gov/broadband>.

Applications shall be submitted in .pdf format by email to broadband.fund@adeca.alabama.gov

Applications will be accepted starting on May 28, 2018. Completed applications must be submitted by 11:59 PM, CST, on October 24, 2018. Any applications received after the deadline will not be considered. All applications must be complete; however, ADECA reserves the right to contact applicants for additional information and/or clarifications. All applications received will be posted on ADECA's website at <http://adeca.alabama.gov/broadband>.

Existing service providers shall have from October 25, 2018 through November 26, 2018 to file objections to the eligibility of the proposed projects. All objections must be filed by email to broadband.fund@adeca.alabama.gov and must include verifiable documentation to support the challenge.

An applicant may submit more than one application. However, each project must have a separate application and budget. Each project must stand alone in meeting the Alabama Broadband Accessibility Fund program requirements.

Eligibility

An eligible applicant is a non-government entity that is a cooperative, corporation, limited liability company, partnership, or other private business entity that provides broadband service.

Funding

Projects must be completed within two years of the effective date of the grant agreement. The grant will be in the form of a reimbursement of eligible costs up to the award amount in the grant agreement. Reimbursement will be made within 30 days of project completion and final inspection by ADECA.

All projects will be scored based on the established rating criteria. The criteria can be found at <http://adeca.alabama.gov/broadband>. Those eligible projects receiving the highest scores will be selected for funding. The number of projects funded will be determined by the funds available and the total amount of requests made. ADECA may request amended projects and/or offer reduced grant participation.

ADECA shall ensure that not less than 40% of the funds awarded will be awarded to projects serving unincorporated areas.

2018 Grant Application

Applicant Information

Project Name: Choctaw County Project I

Legal Name of Entity: Millry Telephone Company, Inc.

Mailing Address: PO Box 561, Millry, AL 36558

Name and Title of CEO: Paul E Brown Sr, President

Name and Title of Contact: Annice Jordan CPA, VP & CFO

Phone Number and Email of Contact: 251 846-2911 Ext 3030 annicehordan@millry.net

Project Description

This section is worth up to 15 points. Points will be awarded based on verifiable information only.

Please attach a project description in a file titled Attachment A, Project Description. The description shall include:

1. A discussion of the area served including boundaries, number of households, businesses, and any community anchors (libraries, schools, police and fire stations, hospitals, etc.). This response shall also identify if the project area is located within an unincorporated area and provide information regarding how the area meets the definition of rural (US Census data).
2. A discussion of the technology to be deployed (fiber, cable, DSL, etc.). Additionally, include a discussion of future usage projections and the ability to upgrade.
3. A discussion of internet speeds, service tier and pricing levels, data caps, etc.

4. A preliminary technical evaluation of the project certified by an engineer. The evaluation shall include a project cost estimate, project schedule and timeline to include a completion date of no more than two years, and maps showing the proposed project area. Maps should be in .shp, .kml, or .kmz formats.

Additionally, maps shall clearly show area eligibility (unserved areas). Generally, applicants may establish that an area is eligible by using the ADECA Broadband map showing unserved areas (<http://adeca.alabama.gov/broadband>). Other methodology, such as household surveys, may be acceptable, but shall be pre-approved by ADECA.

5. A discussion of the operator’s technical and managerial capabilities to complete the project within two years of the effective date of the grant award.

Application Budget

This section is worth up to 15 points. Points will be awarded based on verifiable information only.

For the table, please complete the shaded boxes only. The total grant amount cannot exceed the lesser of 20% of total project costs, or \$750,000/\$1,400,000 (\$750,000 for project type A, or \$1,400,000 for project type B). If federal funds are involved in the project, please see number 4 below.

The proposed project will provide internet speeds of at least (check one):

Project Type A: 10 Mbps download and 1 Mbps upload

Project Type B: 25 Mbps download and 3 Mbps upload

Total Project Cost	\$4,691,530.52
20% of Total Project Cost	\$938,306.10
Total Grant Amount Requested	\$938,306.10

Please provide a detailed project budget narrative in a file titled Attachment B, Project Budget. The budget narrative shall include:

1. Itemize eligible project expenses. Generally, eligible expenses will be limited to construction and construction related costs of broadband infrastructure. Operating expenses will not be eligible expenses. Any additional expenses associated with the project, but not part of the grant budget, should be included.
2. A discussion of the applicant’s necessary financial resources to:
 - a. sustain service to the project area (business model);

- b. provide adequate project financing (additional documentation may be requested by ADECA).
- 3. A discussion of any partners or subcontractors associated with the project’s deliverables including but not limited to adoption, deployment, and service delivery. Please describe each party’s role in the project.
- 4. A discussion of any federal funds associated with the project.
 - a. Eligible projects may include projects that have received funds through other federal universal service funding programs designed specifically to encourage broadband deployment in an area without broadband access in an amount not exceeding 50% of the total project cost, provided, however, that any award of state funds may only be utilized to either:
 - i. fund project components that extend beyond the specifications supported by the federal funding, said eligible components being extension of service to unserved rural areas not otherwise served by the federally supported project; or
 - ii. ensure that areas being served by the federal funding at speeds less than 25 Mbps of download speed and 3 Mbps of upload speed will, in fact, receive faster speeds of not less than 25 Mbps of download speed and 3 Mbps of upload speed.
 - b. Grants issued to projects receiving federal funds shall not exceed 40% of total grant funding, with such grants not exceeding 20% of total project costs.

Other Program Priorities

Please answer each of the following questions either “yes” or “no.” For each “yes” answer, please provide a brief narrative and any supporting documentation. Any claims that cannot be verified will receive zero points in our scoring system. “No” answers will receive zero points in our rating system. **“Yes” answers (that can be verified) will receive up to 10 points.**

- | | | |
|---|---|---|
| <p>Does this project seek to leverage grant funds through private investment?</p> | <p>YES
<input checked="" type="checkbox"/></p> <p>NO
<input type="checkbox"/></p> | <p>If yes, include an explanation and documentation in a file titled Attachment C</p> |
| <p>Will this project be an extension of existing infrastructure?</p> | <p>YES
<input checked="" type="checkbox"/></p> <p>NO
<input type="checkbox"/></p> | <p>If yes, include an explanation and documentation in a file titled Attachment C</p> |

Does this project serve locations with demonstrated community support? YES NO If yes, include an explanation and documentation in a file titled Attachment C

Will this project serve the highest number of unserved homes, businesses, and community anchor points for the least cost? YES NO If yes, include an explanation and documentation in a file titled Attachment C

Does this project emphasize the highest broadband speeds? YES NO If yes, include an explanation and documentation in a file titled Attachment C

Will this project provide material broadband enhancements to hospitals located in rural areas as defined in Section 22-21-20, Code of Alabama 1975? YES NO If yes, include an explanation and documentation in a file titled Attachment C

Will this project support local libraries in this state for the purpose of assisting the libraries in offering digital literacy training pursuant to state library and archive guidelines? YES NO If yes, include an explanation and documentation in a file titled Attachment C

Certifications

1. The applicant certifies that it is a non-governmental entity.
2. The applicant certifies all new customers served as a result of this project will have access to an internet connection that provides a capacity for transmission at an average speed per customer of at least 10 Mbps download and at least 1 Mbps upload.
3. The applicant certifies that all new customers served as a result of this project are not located within the boundaries of any incorporated city or town having a population in excess of 25,000 inhabitants, according to the last federal census.
4. The applicant certifies that it has the technical and managerial capabilities to complete the project within two years of the effective date of the grant agreement.

5. Choose one:

- a. The applicant certifies that for any area served as a result of this project there is not at least one provider of terrestrial broadband service that is either:
- i) offering a connection to the internet meeting the minimum service threshold; or
 - ii) required, under the terms of the Federal Universal Service Fund or other federal or state grant, to provide a connection to the internet at speeds meeting the minimum service threshold within five years of the effective date of the Broadband Accessibility Act.
- b. The applicant certifies that the project has received funds through other federal universal service funding programs designed specifically to encourage broadband deployment in an area without broadband access in an amount not exceeding fifty percent of the total project cost, and that any award of state funds shall only be utilized to either:
- i) fund project components that extend beyond the specifications supported by the federal funding, said eligible components being extension of service to unserved rural areas not otherwise served by the federally supported project, or
 - ii) ensure that areas being served by the federal funding at speeds less than 25 megabits per second of download speed and three megabits per second of upload speed will, in fact, receive faster speeds of not less than 25 megabits per second of download speed and three megabits per second of upload speed.

Certification	
I the undersigned am authorized to obligate my entity and enter into agreements for my organization. I understand that the above certifications do not guarantee funding and a grant agreement will be executed prior to project funds being expended. I further understand that if the above statements cannot be verified, no grant funds will be awarded under this program. Finally, to the best of my knowledge the above certifications are true and correct.	
Signature of Applicant: <i>Paul E. Brown</i>	Date: 10/23/2018
Title of Applicant: Paul E. Brown Sr. /President	

For more information regarding the Alabama Broadband Accessibility Fund, please send questions to Maureen Neighbors at broadband.fund@adeca.alabama.gov, or call (334) 242-5292 between the hours of 8:00 a.m. to 4:00 p.m., Monday through Friday.

**Millry Telephone Company, Inc.
Choctaw County Project I
Description of Area Served**

The proposed service area includes the incorporated towns of Gilbertown and Toxey as well as surrounding unincorporated area in Choctaw County, Alabama. As of 2010, Gilbertown had a population of 215 and Toxey had a population of 137. The unincorporated area includes the communities of Melvin, Barrytown, and Wimberly.

The service area includes 1,427 premises passed. Currently, 667 households and businesses are existing customers. Out of the 1,427 premises, there are 71 businesses including 3 Schools, 3 hospitals/health centers/clinics, 2 police station, and 4 fire station.

The project area does not include any incorporated areas over 5,000 people and Choctaw County is not part of a metropolitan or micropolitan statistical area. The service area is considered 100% rural.

Millry Telephone Company, Inc.
Choctaw County Project I
Community Anchor Organizations

Library

Choctaw County Public Library
251 College Street
Gilbertown, AL 36908-6908

Schools

South Choctaw Academy
5245 New Hope Road
Toxey, AL 36921

Southern Choctaw Elementary School
10935 AL-17
Gilbertown, AL 36908

Southern Choctaw High School
10941 AL-17
Gilbertown, AL 36908

College

Coastal Alabama Community College
251 College St
Gilbertown, AL 36908

Police Departments

Gilbertown Police Department/City Hall
40 Front Street
Gilbertown, AL 36908

Toxey Police Department/City Hall
16100 AL-17
Toxey, AL 36921

Fire Stations

Gilbertown Volunteer Fire Department
197 College St
Gilbertown, AL 36908

Toxey Volunteer Fire Department
158 Broad Street
Toxey, AL 36921

New Hope Volunteer Fire Department
2887 New Hope Road
Needham, AL 36915

Pleasant Hill Volunteer Fire Department
6507 Pleasant Hill Road
Gilbertown, AL 36908

Hospitals

Gilbertown Family Medical Clinic
12731 Highway 17 S, Ste 3
Gilbertown, AL 36908

Legacy Hospice of the East
344 Franklin Ave
Gilbertown, Ave 36908

Kindred at Home
12731 AL-17
Gilbertown, AL 36908

Museum

Choctaw County Historical Museum
40 Melvin Road
Gilbertown, AL 36908

Emergency Service

Choctaw County Emergency Services
68 High Street
Gilbertown, AL 36908

**Millry Telephone Company, Inc.
Choctaw County Project I
Discussion of the Technology to be Deployed**

Fiber Network Technology:

This proposed technology to be deployed is a fiber-based Fiber to the Home (FTTH) Gigabit Passive Optical Network (GPON). The fiber utilized will be single mode fiber optic cables constructed utilizing buried USDA Rural Utilities Service (RUS) construction techniques. Fiber optic cable provides the most reliable, highest-speed network capability that exists today. Longevity of fiber optic cable is typically more than 30 years. The cable will be buried which provides maximum protection from weather and vehicular/agricultural traffic.

The equipment strategy for the Choctaw County project is to deploy GPON FTTH solution using the Adtran TA-5000 platform. This is a platform that Millry Telephone Company, Inc. (MTC) utilizes today. GPON provides a 2.4Gbps/1.2Gbps GPON connection from the Optical Line Terminal (OLT) through a 1:32 optical splitter to the serving remote Optical Network Terminal (ONT) at their home. This bandwidth will easily handle the bandwidth needs for these customers. GPON technology has been shown to meet bandwidth demands for customers even with multiple Gigabit services due to usage patterns in a high-speed network environment.

However, if more bandwidth were to be required, MTC could easily reduce the quantity of customers per PON or deploy larger NG-PON2 or XGS-PON 10Gb/s connections as needed using the same fiber optic cable infrastructure. These would be customer-driven and demand-supported upgrades that can leverage the FTTH infrastructure constructed by the grant.

Latency within the proposed Adtran FTTH equipment ranges from microseconds to around 3-5ms, depending on location. The service area will be capable of offering a Gigabit and will not be oversubscribed at all providing the minimum required offering of 25.0/3.0 per customer.

Millry Telephone Company, Inc.
 Choctaw County Project I
 Fast Fiber Internet Rates
 Projected as of October 2018

Projected Rate Packages

Type of Account	Download	Upload	Data Cap	Monthly Svc
Residential	10	3	None	\$ 42.95
Residential	25	5	None	\$ 52.95
Residential	50	10	None	\$ 77.95
Residential	75	20	None	\$ 102.95
Residential	100	20	None	\$ 122.95
Business	10	3	None	\$ 57.95
Business	25	5	None	\$ 72.95
Business	50	10	None	\$ 102.95
Business	75	20	None	\$ 132.95
Business	100	20	None	\$ 157.95

The above stated rates are all standalone price listings. This product will likely be bundled with our voice services and long distance services. If bundled, the customer may have a reduced rate for the Broadband Internet.

These charges and associated speeds are based on current planning and we intend to implement these when the services are activated for the customers. However, we reserve the right to modify any of the above, based on competitive marketing and any other information that we become aware of during the next year.

MTC expects to offer the rates stated above to subscribers in the areas with replacement fiber to the home. This is significantly more bandwidth at less costs than our current DSL offering today. We believe this is supported based on current market pricing and based on the fact that maintenance should be less expensive in a fiber to the home network compared to a DSL copper based network system.

**Millry Telephone Company, Inc.
Choctaw County Project I
Preliminary Technical Evaluation by Certified Engineer**

Existing Network – Detailed Description:

MTC was founded in 1941 with about 80 telephone subscribers. Internet Service was provided starting in 1997. Today, MTC employs 30 people and serves approximately 4,800 subscribers in Choctaw and Washington counties.

The existing network has been constructed using RUS standard construction practices. MTC currently has 68 remote concentrators (Adtran TA-5000, AFC, and Adtran 508's) positioned throughout its network, which are served as fiber to the node (FTTN) connected to 7 Central Offices with Adtran TA-5000's. Customers in the serving area are utilizing the existing copper plant. The existing remotes utilize ADSL2+ technology in the remotes to provide slower speed DSL services.

Each serving remote has been constructed with carrier grade DC power plants and batteries with at least 8 hours of backup in the event of a long-term power outage. All sites are monitored by remote alarm systems and alarms are responded to by on-call personnel. If the commercial power were to be affected for an even longer period, MTC has fixed or portable generators to provide longer term backup power.

MTC has core internet routers at its Millry Central Office with 2.5Gb/s Internet backhaul peering connections to Uniti Fiber and C-Spire Wholesale, to ensure redundancy and provide adequate bandwidth to our broadband customers. This network facilitates excellent response times across the network with minimal latency. The existing backhaul connections have sufficient capacity currently but plans to upgrade to 10.0Gb/s Internet backhaul will likely be necessary in 2019 and this upgrade will be completed prior to the FTTH upgrades. The proposed 10Gb/s redundant connections will be sufficient for broadband services including the FTTH customer connections.

Proposed Network – Detailed Description:

The proposed plan is to connect to the existing network at MTC's existing Gilbertown Central Office in Gilbertown. An Optical Line Terminal (OLT) will be installed in this existing Adtran TA5000. From this location existing fiber will be utilized as feeder fiber to four (4) remote Fiber Distribution Hubs (FDHs). From the FDHs and OLT site, customers will be connected to the Millry Internet Access Service Connection Point in Millry, AL.

This proposed design will deploy single mode fiber optic cables constructed utilizing RUS standard construction techniques. All fiber will be buried and placed in existing previously

disturbed public rights-of-way. Consistent with RUS construction practices, all the buried fiber will be placed at a minimum depth of 36 inches unless other depths are required by the affected highway, railroad, municipalities or other authorities.

The two methods of buried construction that will be utilized are predominately plowing with directional boring utilized when road or stream or other types of crossings are required. Directional boring will also be utilized when it is not possible to plow or boring is more feasible construction. Along the buried fiber route, flush-mounted handholes or pedestals will be deployed with the proposed fiber being accessible at each location. This will allow for easy access to the network for future connections or expansions. The project in the service area will be an extension of the existing network utilizing the FTTH network design described here.

The equipment strategy for the Choctaw County project is to deploy GPON FTTH solution using the Adtran TA-5000 platform. This is a platform that MTC utilizes today. Customers connected to broadband service in this area will have a 2.4Gbps/1.2Gbps GPON connection from the ONT at their home through a 1:32 optical splitter to the serving remote OLT. Customer locations will be served via an Adtran ONT. This bandwidth will easily handle most bandwidth needs for these customers. However, if more bandwidth were to be required, MTC could easily deploy larger NG-PON2 or XGS-PON 10Gb/s connections as needed using the same fiber optic cable infrastructure.

Latency within the proposed Adtran FTTH equipment ranges from around 3-5ms (microseconds), depending on location. The service area will be capable of offering a Gigabit and will not be oversubscribed at all providing the minimum required offering of 25.0/3.0 per customer. All systems will maintain a redundant failover to maintain a high state of system availability.

Project Budget

Following is the project budget from Schedule B-1:

Millry Telephone Company, Inc.
Choctaw County Project I
Project Budget Summary

Attachment B-1

Total Costs	Unit Qty	Unit Cost	Total	Grant	Other Funding	Description
Outside Plant Mainline Fiber Mileage	104.5	\$ 30,617.61	\$ 3,199,540.25	\$ 639,908.05	\$ 2,559,632.20	Mainline Fiber Construction Along Roads
Outside Plant Drop Mileage	47.35	\$ 6,701.16	\$ 317,299.93	\$ 63,459.99	\$ 253,839.94	Drop Construction between Mainline & Customer Premise
Electronic FTTH OLT Equipment	1	\$ 138,678.21	\$ 138,678.21	\$ 27,735.64	\$ 110,942.57	OLT equipment to connect customers
Electronic FTTH ONT Equipment-Bus	71	\$ 1,070.74	\$ 76,022.54	\$ 15,204.51	\$ 60,818.03	ONT equipment installed at the customer premise
Electronic FTTH ONT Equipment-Res	596	\$ 380.10	\$ 226,539.60	\$ 45,307.92	\$ 181,231.68	ONT equipment installed at the customer premise
Engineering	1	\$ 500,000.00	\$ 500,000.00	\$ 100,000.00	\$ 400,000.00	Includes Staking, ROW, Contractor Negotiation, Cut Sheets and Testing
ONT Installation	667	\$ 350.00	\$ 233,450.00	\$ 46,690.00	\$ 186,760.00	ONT installation, home drop splicing, in-home wiring and cutover.
		Total Costs:	\$ 4,691,530.52	\$ 938,306.10	\$ 3,753,224.42	
		Grand Total:	\$ 4,691,530.52	\$ 938,306.10	\$ 3,753,224.42	
		Percentages:		20%	80%	

Project Schedule & Timeline

The project schedule is planned to be completed well within the 2-year timeframe. The engineering has been completed for the project and it has been bid out to qualified contractors. The winning contractor will order materials along with MTC. Construction will commence on the mainline followed by customer drops. After marketing and scheduling of customer turn-ups, customers will be cutover to the new FTTH network and higher-speed broadband services. The following timeline shows the order of activities for the project:

Construction Buildout and Timeline											
Project Objectives and Activities	Entity	Year 1 - 2019				Year 2 - 2020				Year 3 - 2021	
		Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2
		Award Notification by January 22, 2019	ADECA	X							
Staking & Engineering Design	Palmetto Engineering (PEC)	X	X								
Bid & Execute Contract with Contractor	Palmetto Engineering(PEC)	X	X								
Order Materials	Contractor/Millry		X	X							
Construct Mainline Fiber	Contractor/PEC		X	X	X						
Installation of FDH Cabinets	Contractor/PEC			X	X						
Construct Customer Drops	Contractor/PEC			X	X	X					
Fiber Testing	Contractor/PEC				X	X					
Marketing Campaign/Scheduling	Millry				X	X	X				
Installation of ONT's & Cutover	Communication Technical Services					X	X	X			

**Millry Telephone Company, Inc.
Choctaw County Project I
Proposed Project Area**

The following page is a PDF snapshot of a section of the shape file.

Millry Telephone Company, Inc.
Choctaw County Project I
Unserved Areas within the Broadband Map

Attached is the Project Area within an Alabama map with the Legend depicting Broadband Providers WGS1984. This legend displays a geographic area where there is a provider for 10Mbps/1Mbps speed tier or greater. This map clearly shows no coverage within the Construction Grant Area that is 10 Mbps or higher. MTC provides broadband speed data to the FCC within Form 477 and the HUBB reporting tool, and currently no locations within the Project Construction Area has access to 10Mbps/1Mbps speed tier or greater as provided by MTC or any other terrestrial carrier.

Legend

 Millry_Remotes

 Service_Locations

 Fiber_Design

 Broadband_Providers_WGS1984

 Grant_Area

 Community_Locations

 College

 Emergency Services

 Hospital

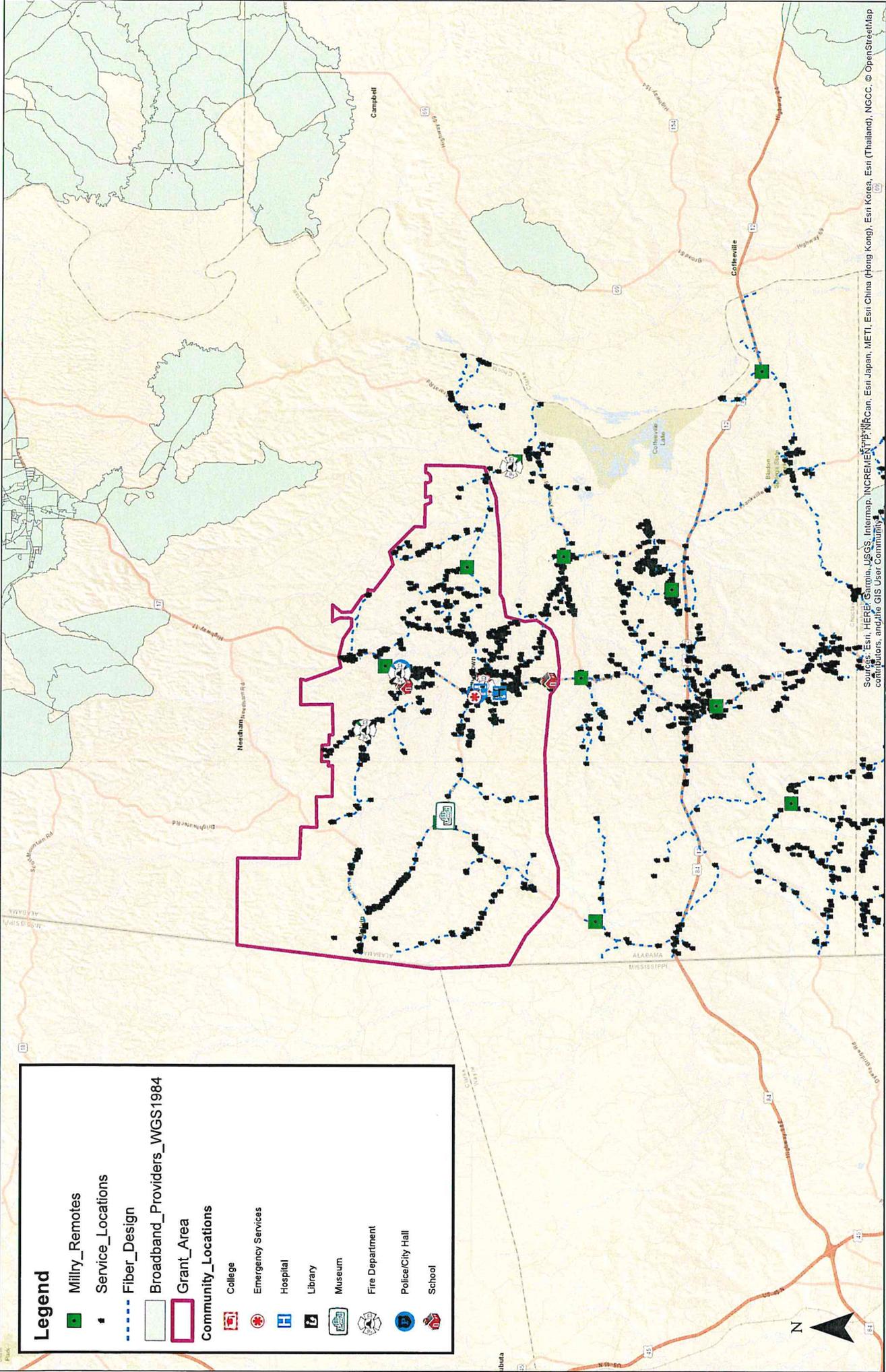
 Library

 Museum

 Fire Department

 Police/City Hall

 School

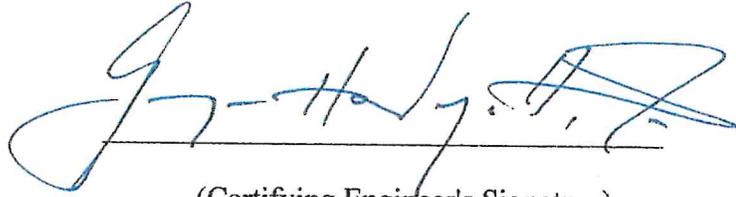


Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

Professional Engineer Certification

I the undersigned, certify that the proposed project will work as described in the foregoing Preliminary Technical Evaluation, and can deliver the proposed services outlined in the Application to all premises in the proposed service area(s). The project cost estimate and schedule are typical and customary for the proposed service area(s). Moreover, the proposed system can meet the proposed timeline and major project milestones and can be completed within two years.

10/4/18
(Date)


(Certifying Engineer's Signature)

George H. Wyatt, Jr.

Name (Printed)

President & Chief Executive Officer

Title

Palmetto Engineering & Consulting

Company

Registration Number: 30328

State of Registration: AL

**Millry Telephone Company, Inc.
Choctaw County Project I
Operators' Technical and Managerial Capabilities**

The Company has built a strong team of employees who have been with MTC for many years and are deeply familiar with the local market and products. The management team has an average tenure of more than 30 years and developed MTC into a strong double-play service provider. The team also was instrumental in attracting the Company's key customers, and actively supports the local community. MTC's management team and staff possess the technical expertise and market knowledge to capitalize on the growth opportunities available to the Company.

MTC is a community-rooted organization driven by its core values and local focus. The majority of the Company's employees are residents of the area and participate in numerous civic activities, which reinforces MTC's sense of responsibility towards its customers. In more than 77 years of operation, the Company has developed a strong reputation for personalized, reliable service that has generated significant loyalty among its customers.

Specific information about each manager is provided below and due to advance planning and proposed timelines for this specific project the time allotment of two years for service installation to customers will be met likely months in advance of the requirement.

MTC is managed by the following three individuals:

Paul E. Brown, Sr. – President

Paul Brown is currently an employee and a shareholder. He is actively involved in the operations and engineering of MTC. At age fifteen, Paul Brown was the youngest person ever to complete training at the Stromberg-Carlson training school in Rochester, NY. After graduating high school, Paul attended radio school and obtained an FCC Radio License and thereafter, began his full-time work with the company. Paul has also attended a Nortel Digital Switch Technical School. Paul has successfully directed MTC through the step by step change to digital switches, implementation of in-house billing and integration of fiber optics for transport. In 1992, Paul was instrumental in the organization of Southeastern Cellular, the company's first venture into the cellular arena. His knowledge and expertise in the telecommunications industry enabled his central office staff to maintain Southeastern's cell sites covering an eleven-county area in south and central Alabama. Paul has also been actively involved with the implementation of Millry Communications Long Distance Service and Internet Access.

Paul was an employee and Manager when the total service area was constructed with underground copper to replace the above ground on Power Poles copper system after a major hurricane in 1981. This was a construction project funded by loan funds from the USDA (Rural Utilities Services). His insight and dedication to the company have contributed to the company's success in providing state of the art technology through the years.

Paul E. Brown, Jr. (Gene) - Vice President and General Manager

B.S. Business Administration

1999

The University of Alabama, Tuscaloosa, AL

Career History

General Manager/Vice President, Millry Communications 2017 - Current

- Responsible for planning, review, and approval all Capital Expenditures and Projects
- Oversees all operational aspects of company
- Manages and oversees Ethernet, DSL, and transport networks
- Manages all IT systems and infrastructure

Director of Engineering, Millry Communications

2004 - 2017

- Planned and engineered the internet access and Ethernet CLEC service business throughout the ILEC service territory and the CLEC service area
- Reviewed and approved all hardware and software used throughout company operations, including the Metaswitch installation
- Day-to-day oversight of Central Office operations
- Systems Administrator for all Linux and Windows Servers
- Installed and maintained linux servers (Radius, syslog, email, web, etc..) using Python, TCL, PHP

Prior to 2004, Gene worked as a Central Office Technician, and an Outside Plant Employee. He also provided services to Southeastern Cellular as a Maintenance Technician for the wireless radio equipment.

Annic H Jordan, CPA - Vice President and CFO

B.S.B.A. Accounting

1981

The University of Southern Mississippi, Hattiesburg, MS

Career History

Chief Financial Officer, Millry Telephone Co., Inc.

2001 - Current

- Responsible for all budgets, audits, regulatory filing, compliance filing, rates and tariffs, loan funding and compliance, capital expenditures planning, marketing and rates, and tax planning.
- Work directly with the General Manager on implementation of all business changes and decisions involving operations and finance.
- Engaged and contracted with Palmetto Engineering on the design and planning for this project as well as being the Company contact for this project.

Chief Financial Officer, Digiph Pcs, Inc.

1997-2001

Digiph Pcs, Inc. was owned by Millry Telephone Co., Inc. and Gulf Telephone Company in Baldwin County, AL. This was a start up company so all construction of the Wireless Communications company was completed in 1997 and 1998.

- Worked with the President and Engineer on all aspects of the construction and turn up of services in Alabama, Mississippi and Florida.
- Joint direct responsibility for Refinancing and Reorganization of debt and equity within five months of employment.
- Decision and Implementation for Billing Platform, Point of Sale System, and all other peripheral products required to launch a start up wireless operation.
- Established and designed all operations policy and procedures.
- Responsible for annual financial statement Audit and all loan compliance.
- Directly managed five employees and indirect management of forty employees.

Accounting Manager, Millry Telephone Co., Inc & Millry Corporation 1991-1997

- Set up and managed all accounting systems for Southeastern Cellular, a partnership that was managed by Millry Corporation from 1991 through 1994. Responsible for all financial statement reporting and participated in all Partnership Board Meetings.
- Joint direct responsibility for Fiber Capital Project with new financing for Millry Telephone Company. Presented the project to the Alabama Public Service Commission and obtained approval.
- Managed all accounting systems for Millry Telephone Company from 1995 through 1997. Responsible for all financial statement reporting.
- Brought in house to Millry Telephone Company and managed, the Separations Study as required by the Federal Communications Commission, for cost reimbursement for a regulated entity.
- Designed and developed the original business plan used for valuation and bidding on Personal Communication Licenses auctioned by the FCC. Arthur Anderson LLP audited this business plan during the auction process. Also, an updated version of this business plan was utilized for the initial debt/equity-financing package from Siemens for Digiph PCS, Inc.
- Responsible for bidding and bidding strategy in the PCS C Block Entrepreneurial Auction in 1996, licenses obtained and held by Digiph.

Prior to 1991, Annice provided accounting, audit, and taxation services in a public accounting firm for six years.

Millry Telephone Company, Inc.
 Choctaw County Project I
 Project Budget Summary

Attachment B-1

Total Costs	Unit Qty	Unit Cost	Total	Grant	Other Funding	Description	Support
Outside Plant Mainline Fiber Mileage	104.5	\$ 30,617.61	\$ 3,199,540.25	\$ 639,908.05	\$ 2,559,632.20	Mainline Fiber Construction Along Roads	1
Outside Plant Drop Mileage	47.35	\$ 6,701.16	\$ 317,299.93	\$ 63,459.99	\$ 253,839.94	Drop Construction between Mainline & Customer Premise	2
Electronic FTTH OLT Equipment	1	\$ 138,678.21	\$ 138,678.21	\$ 27,735.64	\$ 110,942.57	OLT equipment to connect customers	3
Electronic FTTH ONT Equipment-Bus	71	\$ 1,070.74	\$ 76,022.54	\$ 15,204.51	\$ 60,818.03	ONT equipment installed at the customer premise	4
Electronic FTTH ONT Equipment-Res	596	\$ 380.10	\$ 226,539.60	\$ 45,307.92	\$ 181,231.68	ONT equipment installed at the customer premise	4
Engineering	1	\$ 500,000.00	\$ 500,000.00	\$ 100,000.00	\$ 400,000.00	Includes Staking, ROW, Contractor Negotiation, Cut Sheets and Testing	
ONT Installation	667	\$ 350.00	\$ 233,450.00	\$ 46,690.00	\$ 186,760.00	ONT installation, home drop splicing, in-home wiring and cutover.	
		Total Costs:	\$ 4,691,530.52	\$ 938,306.10	\$ 3,753,224.42		
		Grand Total:	\$ 4,691,530.52	\$ 938,306.10	\$ 3,753,224.42		
		Percentages:		20%	80%		

Section BDO – BURIED PLANT FIBER OPTIC HOUSING ASSEMBLY UNITS

Unit	No. of Units	Unit Price			Extended Price Labor and Materials
		Labor	Materials	Labor and Materials	
BDO3 *	579	\$ 165.00	\$ 230.44	\$ 395.44	\$ 228,959.76
BDO4 *	116	\$ 170.00	\$ 261.01	\$ 431.01	\$ 49,997.16
BDO5 *	116	\$ 175.00	\$ 284.94	\$ 459.94	\$ 53,353.04

\$ 332,309.96

Section BDS – SERVING AREA INTERFACE CABINET (SAIC)
ASSEMBLY UNITS

Unit	No. of Units	Unit Price			Extended Price Labor and Materials
		Labor	Materials	Labor and Materials	
BDSO(24)(288)(0)	4	\$ 1,000.00	\$ 7,566.10	\$ 8,566.10	\$ 34,264.40

\$ 34,264.40

Section BFO – BURIED FILLED FIBER OPTIC CABLE ASSEMBLY UNITS

Unit	No. of Units	Unit Price			Extended Price Labor and Materials
		Labor	Materials	Labor and Materials	
BFO 12	123,844	\$ 1.65	\$ 0.25	\$ 1.90	\$ 235,303.60
BFO 12D	4,878	\$ 0.50	\$ 0.25	\$ 0.75	\$ 3,658.50
BFO 24	129,048	\$ 1.65	\$ 0.30	\$ 1.95	\$ 251,643.60
BFO 48	119,542	\$ 1.65	\$ 0.39	\$ 2.04	\$ 243,865.68
BFO 72	41,054	\$ 1.65	\$ 0.52	\$ 2.17	\$ 89,087.18
BFO 96	56,198	\$ 1.65	\$ 0.68	\$ 2.33	\$ 130,941.34
BFOR 144	51,546	\$ 1.65	\$ 0.97	\$ 2.62	\$ 135,050.52
BFOR 144D	700	\$ 0.50	\$ 0.97	\$ 1.47	\$ 1,029.00
BFOR 288	30,838	\$ 1.65	\$ 1.83	\$ 3.48	\$ 107,316.24
BFOR 288D	7,678	\$ 0.50	\$ 1.83	\$ 2.33	\$ 17,889.74

\$ 1,215,785.40

Section BH – BURIED HANDHOLE ASSEMBLY UNITS

Unit	No. of Units	Unit Price			Extended Price Labor and Materials
		Labor	Materials	Labor and Materials	
BHF(24x36x30)*	20	\$ 350.00	\$ 814.63	\$ 1,164.63	\$ 23,292.60
BHF(30x48x30)*	5	\$ 400.00	\$ 1,131.10	\$ 1,531.10	\$ 7,655.50

\$ 30,948.10

Section BM - MISCELLANEOUS ASSEMBLY UNITS -
BURIED PLANT AND SERVICE ENTRANCE INSTALLATIONS

Unit	No. of Units	Unit Price			Extended Price Labor and Materials
		Labor	Materials	Labor and Materials	
BM2(5/8)(8)	557	\$ 25.00	\$ 22.98	\$ 47.98	\$ 26,724.86
BM53F *	361	\$ 25.00	\$ 26.11	\$ 51.11	\$ 18,450.71
BM60(1.25")DP	113,654	\$ 6.50	\$ 0.40	\$ 6.90	\$ 784,212.60
BM60(2)(1.25")DP *	9,398	\$ 6.50	\$ 0.80	\$ 7.30	\$ 68,605.40
BM61(2")	30,000	\$ 6.50	\$ 0.81	\$ 7.31	\$ 219,300.00
BM71 *	1,000	\$ 10.00	\$ -	\$ 10.00	\$ 10,000.00
BM72 *	200	\$ 10.00	\$ 8.00	\$ 18.00	\$ 3,600.00
BM73 *	200	\$ 10.00	\$ 9.00	\$ 19.00	\$ 3,800.00
BM(TRAY) *	250	\$ 20.00	\$ 14.99	\$ 34.99	\$ 8,747.50

\$ 1,143,441.07

Section HO – FIBER OPTIC SPLICING ASSEMBLY UNITS

Unit	No. of Units	Unit Price			Extended Price Labor and Materials
		Labor	Materials	Labor and Materials	
HO-1	14,430	\$ 26.66	\$ 0.25	\$ 26.91	\$ 388,311.30
HO-1P	730	\$ 13.33	\$ 0.25	\$ 13.58	\$ 9,913.40
HO-1T	1,885	\$ 9.33	\$ 0.25	\$ 9.58	\$ 18,058.30
HO-1TF	100	\$ 13.33	\$ 0.25	\$ 13.58	\$ 1,358.00

\$ 417,641.00

Section HU - UNDERGROUND SPLICE CLOSURE ASSEMBLY UNITS

Unit	No. of Units	Unit Price			Extended Price Labor and Materials
		Labor	Materials	Labor and Materials	
HUO(12)(2) *	5	\$ 100.00	\$ 149.08	\$ 249.08	\$ 1,245.40
HUO(24)(2) *	5	\$ 100.00	\$ 149.08	\$ 249.08	\$ 1,245.40
HUO(24)(3) *	5	\$ 100.00	\$ 150.50	\$ 250.50	\$ 1,252.50
HUO(48)(2) *	5	\$ 100.00	\$ 164.21	\$ 264.21	\$ 1,321.05
HUO(48)(3) *	5	\$ 100.00	\$ 165.64	\$ 265.64	\$ 1,328.20
HUO(72)(2) *	5	\$ 106.66	\$ 179.35	\$ 286.01	\$ 1,430.05
HUO(96)(2) *	5	\$ 106.66	\$ 194.49	\$ 301.15	\$ 1,505.75
HUO(96)(3) *	5	\$ 106.66	\$ 195.91	\$ 302.57	\$ 1,512.85
HUO(144)(2)*	5	\$ 106.66	\$ 480.70	\$ 587.36	\$ 2,936.80
HUO(144)(3)*	5	\$ 106.66	\$ 485.70	\$ 592.36	\$ 2,961.80
HUO(288)(2)*	5	\$ 133.33	\$ 854.70	\$ 988.03	\$ 4,940.15
HUO(288)(3)*	5	\$ 133.33	\$ 548.70	\$ 682.03	\$ 3,410.15
HUO(TRAY) *	1	\$ 13.33	\$ 46.64	\$ 59.97	\$ 59.97

\$ 25,150.07

TOTAL

\$ 3,199,540.00

Section SEB - FIBER OPTIC DROP PRICING
SERVICE ENTRY ASSEMBLY UNITS

Unit	No. of Units	Unit Price			Extended Price Labor and Materials
		Labor	Materials	Labor and Materials	
SEB02	250,000	\$ 0.92	\$ 0.12	\$ 1.04	\$ 260,000.00
SEB02(36")	5,000	\$ 1.50	\$ 0.12	\$ 1.62	\$ 8,100.00
SEB02(48")	5,000	\$ 1.75	\$ 0.12	\$ 1.87	\$ 9,350.00
SEB02(B)	5,000	\$ 6.00	\$ 0.40	\$ 6.40	\$ 32,000.00
SEB02(D)	5,000	\$ 0.93	\$ 0.12	\$ 1.05	\$ 5,250.00
SEB02(I)	5,000	\$ 0.40	\$ 0.12	\$ 0.52	\$ 2,600.00

Total, Section SE \$ 317,300.00

Support 3

MODEL	DESCRIPTION	MFG P/N	KGP ITEM#	PRICE EACH	QTY	Total
TA-5000	ADTRAN 8 PORT OLT CARD	1187503F2	8800002509	\$ 8,922.02	6	\$ 53,532.12
TA-5000	ADTRAN GPON SFP	1442530G1	291573	\$ 326.09	35	\$ 11,413.15
TA-5000	ADTRAN SCM CARD	1187010G2	232848	\$ 733.64	2	\$ 1,467.28
TA-5000	ADTRAN SM CARD 10G	1187025G2	223548	\$ 3,618.20	3	\$ 10,854.60
TA-5000	OSI 10G SFP	1442971G1	OSI P/N	\$ 1,520.10	3	\$ 4,560.30
CLEARFIELD	CLEARFIELD FIBER SPLICE CABINET WALL MT	9894	225581	\$ 692.47	5	\$ 3,462.35
CLEARFIELD	CLEARFIELD FIBER SPLICE TRAY LOOSE TUBE	19339		\$ 26.88	52	\$ 1,397.76
CLEARFIELD	CLEARFIELD PATCH/SPLICE CABINET 7'	14602-PATCH	8800004557	\$ 3,634.41	2	\$ 7,268.82
CLEARFIELD	CLEARFIELD 1/32 SPLITTER MODULE	MRK-PES-CAZ-ZZZ		\$ 1,169.15	13	\$ 15,198.95
CLEARFIELD	CLEARFIELD PATCH PANEL 144 SM SC/APC	EKR-144-C1A-100F		\$ 2,268.82	7	\$ 15,881.74
CLEARFIELD	CLEARFIELD PATCH PANEL 144 SM SC/APC	EKL-144-C1A-100F		\$ 2,268.82	2	\$ 4,537.64
	CONTRACTOR FIBER SPLICING GBTN CO					
	FIBER ASSEMBLY SIMPLEX SC/APC		231477	\$ 10.71	850	\$ 9,103.50
				TOTAL		\$ 138,678.21

Business

MODEL	DESCRIPTION	MFG P/N	KGP ITEM#	PRICE EACH	QTY	Total
TA-372	ADTRAN 8 CH ONT SBU	1287722G1	285807	\$ 969.75	71	\$ 68,852.25
TA-372	ADTRAN SBU OUTDOOR HOUSING	1187774G1	282923	\$ 65.99	71	\$ 4,685.29
	Power Supply for ONT			\$ 35.00	71	\$ 2,485.00
			TOTAL	\$ 1,070.74		\$ 76,022.54

Residential

MODEL	DESCRIPTION	MFG P/N	KGP ITEM#	PRICE EACH	QTY	Total
TA-351	ADTRAN 2 CH ONT SFU	1287701G1	367745	\$ 294.52	596	\$ 175,533.92
TA-350	ADTRAN SFU OUTDOOR HSNG	1187770G1S	428504	\$ 50.58	596	\$ 30,145.68
	Power Supply for ONT			\$ 35.00	596	\$ 20,860.00
			TOTAL	\$ 380.10		\$ 226,539.60

**Millry Telephone Company, Inc.
Choctaw County Project I
Project Budget**

Sustain Service to the Project Area

MTC is the public utility operating the telephone company and providing internet services in the project area. MTC's local exchange area covers the southern one-third of Choctaw County of Alabama and approximately three-fourths of Washington County. The area within Choctaw County that is covered by the Project Budget that is proposed to be provided Fiber to the Home internet access has inclusive 763 of Millry Telephone Company Inc. current customer voice services. These services represent approximately 16% of our total company customer base and are an important part of our local market area.

MTC intends to provide the same customers with voice services and internet access services that we provide today. The customers will receive updated fiber to the home infrastructure and technology and higher bandwidth options that are not possible today. The company is profitable, and management's intention is to continue making good prudent business decisions that are well planned and will ensure that services will be provided many years into the future. We believe that a replacement of the copper plant with a Fiber to the Home network is such a decision.

**Millry Telephone Company, Inc.
Choctaw County Project I
Project Budget**

Provide adequate project financing

MTC has been in business since 1941, seventy-seven years of continuous operation. The company has been owned by members of one family since the creation of the entity in 1941 through today. A balance sheet from June 2018 has been provided that reflects the cash position of the company to be in excess of four million dollars. MTC has conserved and retained cash in an effort to build a sufficient balance to self-fund this initial fiber to the home project. MTC also has a one million dollar line of credit outstanding with CoBank that is ready to be drawn as a resource at any point in time that it is required that can be used for operations or capital expenditures. These combined amounts will exceed five million dollars which will be in excess of the Project Budget.

A CoBank Loan Statement has been provided as a resource to support the evidence of the line of credit immediate availability. MTC is prepared to self-fund this initial area of our local exchange area, with an expectation that the Alabama Broadband Grant would provide a partial payment to defer a portion of the costs after the work is completed.

After this initial project MTC plans to seek RUS loan or grant programs for continuing its efforts toward accomplishing fiber to the home services in other geographical areas of our local exchange area.

JUNE
06 2018
MILLRY TEL
Present Year to Date

Assets	
Current Assets	
Cash & Equivalents	
Total Cash & Equivalents	4,363,533.75
Accounts Receivable	
Total Accounts Receivable	1,404,314.09
Material & Supplies	
Total Material & Supplies	277,984.24
Prepayments	
Total Prepayments	39,810.74
Total Current Assets	6,085,642.82
Other Assets	
Investments	
Total Investments	1,917,333.51
Total Other Assets	1,917,333.51
Property, Plant, & Equipment	
Telephone Plant - In Service	
General Support Assets	
Total General Support Assets	4,453,876.10
Central Office Assets	
Total Central Office Assets	7,596,306.02

JUNE
06 2018
MILLRY TEL
Present Year to Date

Information Orig/Term Assets	
Total Information Orig/Term Assets	0.00
Cable & Wire Facilities Assets	
Total Cable & Wire Facilities Assets	18,990,826.07
Intangible Assets	
Total Intangible Assets	152,626.55
Total Telephone Plant - In Service	31,193,634.74
Telephone Plant - Construction	
Total Telephone Plant - Construction	276,793.05
Accumulated Depreciation & Amortization	
Total Accumulated Depreciation & Amortization	(24,381,708.83)
Total Property, Plant, & Equipment	7,088,718.96
Total Assets	15,091,695.29
Liabilities & Owner's Equity	
Liabilities	
Accounts Payable	
Total Accounts Payable	1,694,100.27
Unearned Revenue	
Total Unearned Revenue	224,374.20
Customer Deposits	

JUNE
06 2018
MILLRY TEL
Present Year to Date

Total Customer Deposits	45,365.00
Other Accrued Liabilities	
Total Other Accrued Liabilities	313,645.19
Total Current Liabilities	<u>2,277,484.66</u>
Total Non-Current Liabilities	5,500,000.00
Total Liabilities	<u>7,777,484.66</u>
Owner's Equity	
Capital Stock	
Total Capital Stock	9,017.00
Additional Paid In Capital	
Total Additional Paid In Capital	441,833.00
Retained Earnings	
Total Retained Earnings	5,524,786.59
Total Net Income	1,338,574.04
Total Owner's Equity	<u>7,314,210.63</u>
Total Liabilities & Owner's Equity	<u>15,091,695.29</u>



6340 S. Fiddlers Green Circle
Greenwood Village, CO 80111

Customer Billing Statement

Customer Number 15011445
Statement Date 06/29/2018
Payment Due Date 07/20/2018
Page 2 of 5

FACILITY BILLING DETAIL

Amounts in USD

AGREEMENT RX1438 TERM FACILITY 01 0000294902

Facility Information

Type TERM REVOLVER
Expiration Date 11/08/2024
Currency USD
Facility Amount 1,000,000.00
Facility Used 0.00

Fees Due

Fee Description	From	To	Current Due	Past Due	Total Due
01 COMMITMENT FEES	04/01/2018	07/01/2018	947.92	0.00	947.92

LOAN BILLING DETAIL

Amounts in USD

AGREEMENT RX1438 TERM FACILITY 01 0000294918 LOAN 01 003009103

Loan Information

Effective Date 11/08/2016
Maturity Date 11/08/2024
Interest Rate Maturity Date
Currency USD
Principal Balance 1,520,161.30

Balances Due

Balance Description	From	To	Current Due	Past Due	Total Due
INT INTEREST OWING	04/01/2018	07/01/2018	19,235.41	0.00	19,235.41
PRIN1 PRINCIPAL	04/20/2018	07/20/2018	58,467.74	0.00	58,467.74

AGREEMENT RX1438 TERM FACILITY 01 0000294918 LOAN 01 003015484

Loan Information

Effective Date 12/09/2016
Maturity Date 12/08/2021
Interest Rate Maturity Date 12/08/2021
Currency USD
Principal Balance 1,625,000.00

Balances Due

Balance Description	From	To	Current Due	Past Due	Total Due
INT INTEREST OWING	04/01/2018	07/01/2018	20,827.35	0.00	20,827.35
PRIN1 PRINCIPAL	04/20/2018	07/20/2018	62,500.00	0.00	62,500.00

00000001-00065559-0002-0005-TCBL2985106-16-L



**Millry Telephone Company, Inc.
Choctaw County Project I
Partners & Subcontractors**

A discussion of the partners & subcontractors

MTC will utilize several contractors to complete the project in the service area:

1. Palmetto Engineering & Consulting will provide engineering services to design, stake, bid, manage construction, inspect, and test the network.
2. Construction of the fiber network has been bid out to contractors who are capable and qualified to construct in the service area to obtain the best pricing for construction.
3. Communications Technical Services will provide installation and cutover services for the customers to the new FTTH network.

The remaining marketing, billing, and service delivery will all be provided by MTC's existing systems and employees. Since the network will upgrade service to customers in MTC's existing service area, no additional employees will be required after construction and cutover of the FTTH network.

Millry Telephone Company, Inc.
Choctaw County Project I
Discussion of any Federal Funds

As an incumbent local exchange carrier serving portions of Washington County and Choctaw County since 1941, MTC receives federal high cost universal service funding. High cost support allows eligible telecommunications carriers serving consumers in rural areas to recover some of their costs of providing service in order to ensure that those consumers have access to modern communications capable of providing voice and broadband services at rates that are reasonably comparable to those in urban areas.

On January 5, 2017, MTC elected to receive Connect America Fund-Alternative Connect America Cost Model (CAF-ACAM) support in lieu of traditional high cost support, in order to serve customers who desire to obtain broadband services. CAF-ACAM funding also replaced the current Universal Service Funding for voice and other regulated services excluding broadband, therefore a portion of this funding continues to support operations and capital expenditures for these voice and other services. Under CAF-ACAM, rate-of-return carriers such as MTC receive fixed, model-based support for a 10-year term in exchange for extending broadband service to a pre-determined number of eligible locations/households, selected by the carrier. CAF-ACAM funding was prioritized to those carriers that had deployed 10 Mbps downstream/1 Mbps upstream broadband to less than 90% of the eligible locations in their study area(s) in the state. In May 2018, MTC accepted a revised offer of CAF-ACAM funding.

Carriers receiving CAF-ACAM support are subject to defined interim and final deployment obligations that must be met over the 10-year period, with annual reporting requirements, based on the carrier's submitted study area boundaries, land area, and Census housing unit data. Under CAF-ACAM, by December 31, 2026, MTC will be required to offer 25 Mbps downstream/3 Mbps upstream (25/3 Mbps) to 2,414 locations/households, 10 Mbps downstream/1 Mbps upstream (10/1 Mbps) to 2,415 locations/households, and 4 Mbps downstream/1 Mbps upstream (4/1 Mbps) to 69 locations/households, with 208 locations/households subject to a "reasonable request" standard. All such locations/households with costs above \$52.50 per location will be funded under CAF-ACAM up to a cap of \$146.10 per location. By comparison, the MTC total local exchange carrier service area encompasses approximately 9,358 locations/households.

Recipients of CAF-ACAM model-based support must complete interim broadband deployment at speeds of at least 10/1 Mbps, with a minimum usage allowance of 150 GB per month, to 40% of fully funded locations (where the average cost per location is above the funding benchmark and at or below the funding cap) by the end of 2020, to 50% of fully funded locations by the end of 2021, to 60% of fully funded locations by the end of 2022, to 70% of fully funded locations

by the end of 2023, to 80% of fully funded locations by the end of 2024, to 90% of fully funded locations by the end of 2025, and to 100% of fully funded locations by the end of 2026. These interim year over year requirements relate only to the speed tier of 10/1 Mbps.

In summary, under the terms of its CAF-ACAM funding, MTC is required to provide speeds of 25/3 Mbps to only 2,414 out of 9,358 locations/households within its local exchange service area. The locations/households to which MTC is seeking to provide 25/3 Mbps service under this grant within the next two years are outside of those 2,414 locations, and under CAF-ACAM, only 38% of those within such locations/households within the Grant Requested Area would otherwise receive 10/1 Mbps by the end of 2026.

Accordingly, receipt of the grant will allow MTC to both:

- (a) Extend broadband connectivity to unserved areas within the service area not required to be served under CAF-ACAM, by extending broadband service availability to 61.5% of 1,427 locations prior to the year 2021; and
- (b) ensure that areas being served by the federal funding at speeds less than 25 Mbps of download speed and 3 Mbps of upload speed will, in fact, receive faster speeds of not less than 25 Mbps of download speed and 3 Mbps of upload speed.

As shown, MTC's request for state grant funding for the extension and enhancement of broadband service to a portion of its service area in Choctaw County meets the requirements and promotes the objectives of the Alabama Broadband Accessibility Act. The proposed grant area in Choctaw County clearly meets the definition of an "unserved area" under the Act. A portion of the census blocks in Choctaw County proposed to be served with state funds are funded through CAF-ACAM; however, other census blocks in the proposed service area receive no federal funding whatsoever. Funding provided by CAF-ACAM constitutes a mere 12.76 % of the total projected cost of \$4,691,530.52 for this project, which proposes to offer state of the art fiber to the home (FTTH) at minimum speeds of 25/3 Mbps to currently unserved areas of Choctaw County by 2021. By contrast, under CAF-ACAM, MTC's deployment obligation for those same areas is for 10/1 Mbps by 2026.

**Millry Telephone Company, Inc.
Choctaw County Project I
Other Program Priorities**

Does this project seek to leverage grant funds through private investment?

This project is being self-financed from company funds and a one million dollar CoBank borrowing line of credit. This will ensure that sufficient capital is available to start, construct, and complete the project through to its entirety. The funds held by the company are evidenced by a balance sheet provided in Attachment B-2 (a) and (b). MTC is owned by a holding company, Millry Corporation. Millry Corporation and MTC are both Alabama corporations. This holding company is owned by Paul E. Brown Sr. Management Trust and The GST Irrevocable Family Trust for benefit of Paul E. Brown Jr. The trustees and beneficiaries of these trusts are Paul E. Brown Sr. and Paul E. Brown Jr. Each of these individuals have lived their entire lives in Millry, AL and are committed to this company and its continued success. They have decided to forego dividends and distributions from the company to commit and enable the company to start this project with cash available. Management selected an area large enough that it could make this commitment with the owner's capital so the private investment is from the company and the owner's equity and profits previously earned up to the current date.

**Millry Telephone Company, Inc.
Choctaw County Project I
Other Program Priorities**

A description of the project area extension to Existing Network:

MTC has an existing copper voice/DSL network in the area that provides service in a Fiber to the Node configuration. MTC will utilize the existing fiber that connects these DSL Node cabinets to feed the FTTH fiber distribution hubs to connect directly to customers. MTC currently utilizes Adtran TA-5000 and 508 DSLAMs to provide voice and DSL service. Millry also has AFC cabinets to provide voice & DSL service.

The FTTH upgrades in the service area will replace the AFC equipment and utilize the existing Adtran TA-5000 network. In addition, Millry has existing routers and Internet backhaul connections that will be utilized for the FTTH services in the service area.

**Millry Telephone Company, Inc.
Choctaw County Project I
Community Support**

The following letters and petitions are from the residents and businesses located within the project area.

To: ADECA Grant Committee

From: Randy McKee

2747 New Hope Rd

Needham, AL 36915

September 12, 2018

Re: Alabama Broadband Accessibility Act

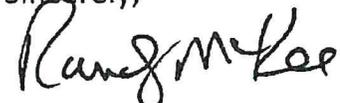
Dear ADECA Grant Committee

I would like to begin by saying that I support the efforts of Millry Communications in their planning to provide Fiber to the Home for residents of Choctaw County. In our local area there is only one provider of wireline internet services. Millry Communications has provided their services to my home personally for a number of years and I've always received reliable services and quick response times to any issues I've had with my home wireline and internet.

I recently discussed the project with Millry Communications Management and have reviewed the design area where construction will be completed. I think with today's technology it is extremely important for our local provider to offer services and speeds of internet access that will ensure that internet access is comparable to other offerings in a more densely populated area of Alabama. Having a School age child, and soon to be college student, the internet access is critical to her being able to complete assignments online, research for papers and many other uses with her educational requirements.

I, along with my family, are pleased that Millry Communications has chosen this part of Choctaw County to construct and install "Fiber to the Home internet access.

Sincerely,

A handwritten signature in black ink that reads "Randy McKee". The signature is written in a cursive style with a large, prominent "R" and "M".

Randy McKee



MONTEIL ROBINSON
HEADMASTER

South Choctaw Academy

5245 NEW HOPE ROAD
P.O. BOX 160
TOXEY, ALABAMA 36921

TELEPHONE
(251) 843-2426

FAX
(251) 843-2088

September 21, 2018

Re: Alabama Broadband Accessibility

Dear ADECA Committee:

We are happy to support the efforts of Millry Communications in their pursuit to provide Fiber to the Home for residents of Choctaw County. Although service from Millry Communications has been a constant for us at South Choctaw Academy, a speedier internet can only improve the services provided.

As more and more students opt for home school and other online services, the need for faster internet is naturally in great demand. We are a very small school with an enrollment of less than three hundred students. That means approximately one hundred and fifty students may need to access the internet at any given time. As you can imagine, this can be a nightmare in rural areas with limited internet access. Therefore, the Fiber to Home (and hopefully later for businesses and schools) can only be an asset to our community!

We, at South Choctaw Academy, are excited for this opportunity for the residents of our County, and are hopeful that in time, local schools and businesses may benefit from this service as well!

Sincerely,

South Choctaw Academy and Faculty

Amy Wigley	Fran Harvard	Andrea Norden
Nina B. Butler	Monteil Robinson	Mandy Carpenter
Melanie Abston	Pamela Mater	Laran Masley
Diane Johnson	Karen Dallberg	Asya Plant
Annamanda Oregon	Brenda Boyan	Abby Bedwell
Belinda Brown	Pamara Gibson	

October 12, 2018

Kenneth Boswell, Director
Alabama Department of Economic and Community Affairs
Post Office Box 5690
Montgomery, Alabama 36103

Re: Alabama Broadband Accessibility Fund

Director Boswell:

I am proud to support Millry Communications in their efforts to provide Fiber to the Home for residents of Choctaw County. I have discussed the project with their management and reviewed the design area where construction will be completed. As the Director of the Choctaw County Public Library, I see firsthand how lack of internet access affects the residents of our rural county. It is important for Millry Communications to be able to offer broadband services in our area so that our residents can have the same opportunities as those in more densely populated areas. Please carefully consider the application for Millry Communications and help bring broadband to our rural county.

Sincerely,



Emily Knowles
Director

*Sarah B. Odom, PhD
674 Bradley Camp Road
Millry, AL 36558*

September 27, 2018

Re: Alabama Broadband Accessibility Act

Dear ADECA Grant Committee:

Each year I visit schools within the geographic area Millry Communications provides Internet services. I serve as a private consultant and a 21st Century external evaluator for these schools. I witness the tremendous need for educational services for which students need Internet access in order to be competitive nationwide. Many of the people in the area are poor, and having access to streaming video, training programs, online tutoring, and other databases for research is critical to their students' successes. Millry Communications has been the sole provider of these services for years, and they have done a phenomenal job of providing assistance with networking and Internet connectivity.

However, each year the programs require more connectivity, greater volumes of informational uploads and downloads, and fewer down times for service. Millry Communications needs the ability to provide the Internet connectivity, speed, and memory loads that so many urban children enjoy daily. I am a firm believer in equality as well as equity. As an evaluator of federal grants (in education), I understand the importance of placing funding where it will be best used and most ethically used. I have no reservations in confirming my support for Millry Communications in their endeavors to procure funding for this most needful upgrade.

I whole heartedly support the efforts of Millry Communications to bring Fiber to the Home (FTTH) in Choctaw County. Funding will be well spent, and educational institutions, industries, and families will benefit by the successful implementation of this project. I look forward to hearing how Millry Communications is able to move forward with FTTH, and I solicit your support in their grant efforts.

Sincerely,



Sarah B. Odom, PhD
sbodom@gmail.com



CHOCTAW COUNTY BOARD OF EDUCATION

107 Tom Orr Drive • Butler, Alabama 36904
Dorothy Banks
Superintendent of Education
(205) 459-3031 • Fax (205) 459-3037

Choctaw County
Board of Education

James Studdard
District 1

Isaac Johnson
District 2

David Lewis
District 3

Vivian Heartfield
District 4

Randy Gibson
Member at Large

October 12, 2018

MEMO

Re: Alabama Broadband Accessibility Act

Dear ADECA Grant Committee:

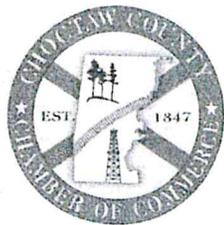
I am proud to support the efforts of Millry Communications in their planning to provide Fiber to the Home for students of Southern Choctaw High and Southern Choctaw Elementary School. Millry Communications is the single Wireline Provider of Internet services to the homes of students in this area. Millry Communications has provided reliable voice and Internet services and continues today to ensure they respond quickly to any outages the schools have experienced.

I have discussed the project with their management. I strongly believe in the importance of fiber based technology and the expansion of fiber connections in our area. Much of the advantage of education technology lies in student access to information and education tools outside of the classroom. It is extremely beneficial for Millry Communications to offer services and speeds of internet access that is comparable to an offering in a more densely populated part of the state. Providing Fiber to the Home is critical for preparing the nation's students to compete in an increasingly global workforce.

Sincerely,

Dorothy Banks
Superintendent of Education

"Equipping and Inspiring all Learners to Reach their Highest Potential."



Choctaw County Chamber of
Commerce

Alabama Department of Economic and Community Affairs
ADECA Grant Committee
401 Adams Avenue
Montgomery, AL 36104
October 5th, 2018

Re: Millry Communications Grant Proposal

To Whom It May Concern::

I am pleased to write the following letter regarding my fullest support for Millry Communications as they apply for assistance in their efforts to bring high-speed broadband internet to rural Choctaw County.

Millry Communications has been a most reputable business in this community for decades and they have an exemplary record in providing quality service to our community. Without the efforts of Millry Communications, many of our citizens would go without basic access to the Internet, which is vital to having a meaningful quality of life in the 21st century. It is my hope that through application of this grant, that they will be able to provide even more of our citizens this same opportunity.

I humbly ask for any assistance that ADECA could provide in these efforts. If I can be of any further assistance, please, do not hesitate to call me at 205-459-3459 or email at choctawchamber@tds.net.

Sincerely,

Nicholas Harrell
Executive Director
Choctaw County Chamber of Commerce

305 South Mulberry Avenue
P.O. Box 180
Butler, Alabama 36904
www.choctawcountychamber.com

CHOCTAW COUNTY COMMISSION

117 SOUTH MULBERRY AVENUE, SUITE 9
BUTLER, ALABAMA 36904
JUDGE MICHAEL W. ARMISTEAD, CHAIRMAN
JESSICA K. HARE, CLERK - TREASURER

COMMISSIONERS
TONY L. CHERRY - DISTRICT 1
C.D. BUDD RUFFIN - DISTRICT 2

COMMISSIONERS
SAMMY G. BONNER, JR. - DISTRICT 3
MACK MOSLEY - DISTRICT 4

September 27, 2018

Kenneth Boswell, Director
Alabama Department of Economic and Community Affairs
Post Office Box 5690
Montgomery, Alabama 36103

Re: Alabama Broadband Accessibility Fund

Director Boswell:

Please accept this letter as my support for the Alabama Broadband Accessibility Fund grant application filed by Millry Communications. As you know, Choctaw County is a rural county that is underserved in the area of broadband accessibility. The efforts of Millry Communications to obtain funding to bring broadband service to Choctaw County is a major step to bringing a service to our area that will help in the areas of communication, education, health care, economic development and will provide countless other benefits to the citizens and businesses in Choctaw County. Please carefully consider the application filed by Millry Communication and help in the effort to bring broadband to Choctaw County.

Sincerely,



Michael W. Armistead,
Choctaw County Probate Judge,
County Commission Chairman

Resolution

WHEREAS, Millry Communications serves residents and businesses in the southern portion of Choctaw County, Alabama; and

WHEREAS, Millry Communications has applied for a grant through ADECA and the Alabama Broadband Accessibility Fund for funding in order to bring broadband to a portion of Choctaw County, Alabama; and

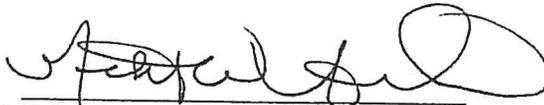
WHEREAS, Choctaw County, Alabama is a rural county that is underserved in the area of broadband service; and

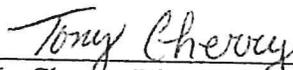
WHEREAS, Broadband is a vital tool in improving education, health care, economic development and various other areas in Choctaw County, Alabama; and

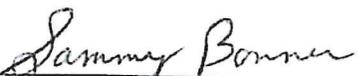
WHEREAS, the Choctaw County Commission understands the positive impact that having quality broadband service can have on Choctaw County, Alabama;

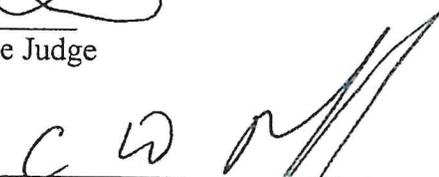
NOW, THEREFORE, BE IT RESOLVED, that the Choctaw County Commission fully supports the efforts of Millry Communications in their attempt to bring broadband service to Choctaw County, Alabama and further encourages ADECA to grant the Grant Application submitted by Millry Communications so rural broadband can be a reality in Choctaw County, Alabama.

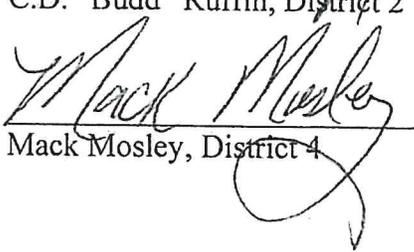
ADOPTED on this the 27th day of September, 2018.


Michael W. Armistead, Probate Judge


Tony L. Cherry, District 1


Sammy Bonner, District 3


C.D. "Budd" Ruffin, District 2


Mack Mosley, District 4

TOWN OF GILBERTOWN

Billy C. May, Mayor
mayorgilbertown@outlook.com

Gary F. Clark, Town Clerk
clerkgilbertown@outlook.com

Dena M. Coody, Court Clerk
courtgilbertown@outlook.com

Dave Cunningham, Chief
chiefgilbertown@outlook.com

PO Box 152
40 Front Street
Gilbertown, AL 36908

Office: 251-843-2766
Fax: 251-843-2676

Town Council:

Danny Brunner
Tim Holifield
Arthur McGee
Debbie Rentz
Mike Thorn

ADECA Grant Committee

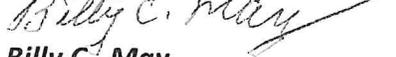
Dear Sirs:

This letter is in reference to a grant request from Millry Communication. As a long-time subscriber, I support the efforts of Millry Communication in their planning to provide Fiber to the Home for residents of Choctaw County. I have always received good service from them for both voice and internet services. Millry Communication has always made every effort to provide uninterrupted service to its customers.

I have discussed this project with their management and see the great benefits it will offer to this area. I, my family, and the citizens of Gilbertown Alabama are very happy for the prospect of this type technology to be offered in our rural area.

As Mayor of Gilbertown, I commend Millry Communication for their efforts to better serve all of us.

Sincerely,



Billy C. May

Mayor Gilbertown Alabama

Gilbertown Area

PETITION

Millry Communications is excited to provide notice to the residents of the south portion of Choctaw County that in 2019 we expect to provide Fiber to the Home internet access service as a replacement to the current plant in service. We are asking for your support as we apply for grants and loans that the State of Alabama has specifically tailored toward Broadband service in rural areas of Alabama.

SIGNATURE	PRINTED NAME	ADDRESS	TELEPHONE #
<i>Shelia Johnson</i>	Shelia Johnson	125 CR 21 Gtown	251-843-5289
<i>Eric L. McGrew</i>	Eric McGrew	3167 Shady Grove Rd	251-843-3278
<i>Anita Stewart</i>	Anita Stewart	18177 Hwy 17 Choctaw AL	251-843-3238
<i>Scott Downey</i>	Scott Downey	12094 Hwy 17	251-843-2349
<i>Eddie Abston</i>	Eddie Abston	1111 Clark Rd	
<i>Maylee Weiss</i>	Maylee Weiss	1147 Mosley Br Rd	251-843-2346
<i>Randy McInnis</i>	Randy McInnis	3483 Barrytown Rd	251-843-5324
<i>Martha McInnis</i>	Martha McInnis	" " "	251-331-7946
<i>Idon Johnson</i>	Idon Johnson	5504 Womack Hill Rd	928-587-2568
<i>Wayne Johnson</i>	WAYNE Johnson	" "	928-587-2562
<i>Ruth Johnson</i>	Ruth Johnson	" "	843-2498
<i>Ronney Johnson</i>	RONNEY Johnson	5504 Womack Hill Rd	843-5860
<i>Dick McCain</i>	DICK McCain	3172 CR 3	251-769-3635
<i>Faye Adams</i>	Faye Adams	3701 Mosley Bridge Rd	843-4690
<i>Chad Adams</i>	Chad Adams	Gilbertown AL	251-242-1187
<i>Stephanie Adams</i>	Stephanie Adams	Gilbertown AL	251-843-5100
<i>Terrence Guy</i>	Terrence Guy	Gilbertown AL	251-843-2665
<i>Carol Guy</i>	Carol Guy	Gilbertown AL	251-843-4199

Gilbertown Area

PETITION

Millry Communications is excited to provide notice to the residents of the south portion of Choctaw County that in 2019 we expect to provide Fiber to the Home internet access service as a replacement to the current plant in service. We are asking for your support as we apply for grants and loans that the State of Alabama has specifically tailored toward Broadband service in rural areas of Alabama.

SIGNATURE	PRINTED NAME	ADDRESS	TELEPHONE #
<i>Stephan Adams</i>	Stephan Adams	15050 Hwy 17 Toxey AL	205-457-4305
<i>Jeanette Boykin</i>	Jeanette Boykin	170 Crimson Dr ^{G'town AL 36208}	251-843-2314
<i>Debbie Rantz</i>	Debbie Rantz	331 Melvin Rd ^{G'town AL 36208}	843-5594
<i>Billy Rantz</i>	Billy Rantz	420 Melvin Rd ^{G'town}	843-2824
<i>Louise Deane</i>	Louise Deane	12094 Hwy 17 ^{G'Town}	205-457-1041
<i>Courtney Maham</i>	Courtney Graham	209 Carlisle Rd Gilbertown	205-574-0190
<i>Beverly Koon</i>	Beverly Koon	164 Jenkins Rd Gilbertown	251-843-3179
<i>Kay Chappell</i>	Kay Chappell	3815 Barrytown Rd, Gilbertown	205-604-9538
<i>Wynema Chapman</i>	Wynema Chapman	315 Green Rd. G'town	205-459-3165
<i>Shawnda Wiley</i>	Shawnda Wiley	314 Cahaba Rd. G'town	251-843-8935
<i>Don Long</i>	DON LONG SR	143ancelard	251-843-2469
<i>Carolyn Ransby</i>	CAROLYN RANSBY	43 Mustang Dr	251-843-2688
<i>Lisa Taylor</i>	Lisa Taylor	12308 Hwy 17 G'town	251-843-5240
<i>Alice Carlisle</i>	Alice Carlisle	1912 Carlisle Rd G'town	251-843-2682
<i>Nora Hutto</i>	Nora Hutto	178 Main St ^{G'town}	251-843-5267
<i>Natalie Presley</i>	Natalie Presley	1607 Triston Sprind ^{G'town}	251-843-2541
<i>Kathy Hallford</i>	Kathy Hallford	38 main Street	251-843-5153
<i>Joel Boykin</i>	Joel Boykin	267 CRIMSON RD ^{G'town AL}	251-843-2093

PETITION

Millry Communications is excited to provide notice to the residents of the south portion of Choctaw County that in 2019 we expect to provide Fiber to the Home internet access service as a replacement to the current plant in service. We are asking for your support as we apply for grants and loans that the State of Alabama has specifically tailored toward Broadband service in rural areas of Alabama.

SIGNATURE	PRINTED NAME	ADDRESS	TELEPHONE #
<i>Victoria Taylor</i>	Victoria Taylor	16130 Hwy 17 Toxey AL 36921	843-5121
<i>Stacy Banner</i>	Banner - Construction	16481 Hwy 17 Toxey AL 36921	843-5199 843-9622
<i>Stacy Banner</i>	Danny Banner	16531 Hwy 17 Toxey AL 36921	843-5479
<i>Lesley Cornett</i>	Lesley Cornett	737 Woodland Rd Needham AL 36915	843-2080
<i>Keith Cornett</i>	Keith Cornett	732 Woodland Rd Needham AL 36915	843-5819
<i>Lafayette Utsey</i>	Lafayette Utsey	489 Hurricane Rd Gilbertown AL 36908	843-5797
<i>Halli Jenkins</i>	Teresa & Halli Jenkins	734 Woodland Rd Needham AL 36915	843-2957
<i>Claire Bankin</i>	Claire Bankin	32 E. main st Gilbertown AL 36908	843-2223
<i>Kathy Hallford</i>	Kathy Tax Serv.	38 main st Gilbertown AL 36908	843-5153
<i>Kathy Hallford</i>	Larry & Kathy Hallford	272 Paragon Rd Gilbertown, AL 36908	843-5157
<i>Mike Nelson</i>	Mike Nelson	17000 Hwy 17 Toxey AL 36921	843-5815
<i>Kim Nelson</i>	Kim Nelson	13570 Choctaw Av Gilbertown AL 36908	843-2570 843-5269
<i>Phillips funeral Home</i>	Phillips funeral Home	116 main st Gilbertown, AL 36908	843-5290
<i>Lance & Iris Milum</i>	Lance & Iris Milum	745 Clark Rd Gilbertown, AL 36908	843-5438
<i>Hemetan Pharmacy LLC</i>	Hemetan Pharmacy LLC	64 main st Gilbertown, AL 36908	843-2400 843-2902
<i>Tyson Floyd</i>	Tyson Floyd	495 melvin Rd Gilbertown AL 36908	843-2310
<i>Cheryl Williams</i>	Village Shopp	51 main st Gilbertown, AL 36908	843-2323
<i>Cheryl Williams</i>	Chess Bowser	5368 Barrytown Rd Gilbertown, AL 36908	843-2200

**Millry Telephone Company, Inc.
Choctaw County Project I
Other Program Priorities**

A description of serving the highest number of customers for the least cost:

The service area proposed by MTC serves an average of 13 locations/mile of plant. At this density, FTTH is very cost feasible at approximately \$3,300 per location/ household passed. The grant construction area will provide access to all 1,427 locations/households using the lowest cost technology that is widely deployed currently for the foreseeable future. This FTTH engineering and design will provide service access to all residential locations, businesses, and community anchor organizations.

The construction methods are typical for FTTH and avoid any overly expensive or unnecessary construction costs. The FTTH plant provides a future path to increased speeds and longevity decades into the future making it an excellent investment to provide broadband to the service area.

**Millry Telephone Company, Inc.
Choctaw County Project I
Other Program Priorities**

A description of the emphasis on highest broadband speeds:

MTC is proposing a complete FTTH network for the service area. This will avoid future bandwidth limitations of copper, coaxial, and wireless networks. The FTTH network will be able to provide Gigabit connections and can be upgraded to provide 10 Gigabit connections or more in the future. The FTTH network is designed to last for decades and provide increasing bandwidth as demanded and required by customers in the service area for decades to come.

**Millry Telephone Company, Inc.
Choctaw County Project I
Broadband Enhancements to Hospitals**

Will the project provide material broadband enhancements to hospitals located in rural areas as defined in Section 22-21-20, Code of Alabama 1975?

Yes, there are locations within this geographical area to be constructed with FTTH [Business] that will be passed and provided “access” that is not available currently. MTC does have limited amounts of fiber plant currently, and each of the locations listed below could be provided high speed broadband access today, if there was significant fiber construction back to an entrance facility and even then, the services would require utilizing constrained fiber capacity that exists today on our transport network. Therefore, due to the construction costs for a single customer and reliability issues with attempting to utilize the limited strands of fiber back to our transport network, this proposed construction will be a significant improvement compared to any/little access that these customers currently have.

Hospitals as defined in Section 22-21-20, Code of AL 1975 within the proposed geographical area that will receive “access” to a dedicated fiber connection at each specific location are listed below:

Gilbertown Family Medical Clinic
12731 Hwy 17 South, Suite 3
Gilbertown, AL 36908
A division of Choctaw General Hospital
Owned and affiliated with Rush Health Systems

Legacy Hospice of the East
344 Franklin Ave
Gilbertown, AL 36908

Kindred at Home
12731 AL 17
Gilbertown, AL 36908

Due to the excessive costs of healthcare in this country, in Alabama and in Choctaw County, the usage of Telemedicine could soon become a primary condition to reduce and maintain healthcare costs and if high speed Broadband is not available in an area, it could seriously impede upon the ability of residents to obtain needed care in a timely manner.

Telemedicine would provide opportunities and tools to monitor and combat chronic illness management, such as diabetes and heart related problems. In addition, Telemedicine could enable

residents with tools that could aid in the fight against the addiction epidemic that plagues every town, community, and neighborhood.

Each of the locations listed will be provided access to the proposed fiber facilities when the construction is completed in 2019 and will replace the customers current voice and DSL services. This fiber network would allow the customer to order a dedicated Ethernet circuit which could be a connection to another facility or another hospital or another laboratory anywhere in the world. Alternatively, the customer could also order a dedicated Ethernet circuit to be provided internet access.

At the pace of technological changes in the healthcare world, service delivery to patients in a time efficient and cost-efficient method will be a necessity to provide rural citizens state of the art healthcare in the future. These locations will be enabled to have the access once this FTTH [Business] is complete.

Millry Telephone Company, Inc.
Choctaw County Project I
Digital Literacy Training

MTC will support and assist the Choctaw County Public Library in offering digital literacy training pursuant to state library and archive guidelines. Many rural homes do not have broadband for internet access, and even after completion of this project, there will likely be residents that have access but cannot financially purchase this broadband service. According to AL.com, these families are driving several minutes to places with free internet, such as McDonald's, to access and work on their assignments from the parking lot. To the best of our knowledge and research, we found no other local WIFI area or business with this service during the day or after hours. We would like to offer support to our local library by assisting in the installation of a WIFI network that is accessible outside of the library. Many people cannot visit the library during normal business hours. This would enable local residents to have access to the internet from the parking lot to complete homework, search/apply for jobs, or other personal use. This will hopefully save our residents travel time and money by having a local WIFI access point.

In this day and time, digital literacy is essential. We are more reliant on technology now than ever before. We use technology and the internet to access public services, pursue employment opportunities, obtain an education, manage finances, operate businesses, and stay connected with family and friends. The internet provides a world of knowledge at our fingertips; however, many people lack the basic skills to operate a computer or even access the internet. Schools and colleges are constantly updating their curricula and making course materials available online, and many classrooms are equipped with tablets, computers, and smartboards. With this advanced technology in the classrooms, most of today's youth are considered digital literate. However, those who did not grow up with this kind of technology or do not have access to the internet from home are far behind. This is the case with many residents in our area.

MTC would like to help bridge this "digital divide" by partnering with the Choctaw County Public Library to start a digital literacy program in the community. This program will provide training and encouragement to those with limited skills using different types of technology and the internet. It will offer support to adults of all ages and enable them to use technology for their desired purpose, whether it be to pursue higher education, search for a job, or stay connected to family who live out of state.

With most companies requiring job applicants to complete job applications online, digital literacy is crucial. Offering this type of training will contribute to the success of our residents and have a positive economic impact on our community.

Our Vice President and Office Manager met with the Director of Choctaw County Public Library, Emily Knowles, and the Campus Director of Coastal Alabama Community College, Sheila Skelton, to discuss the implementation of the digital literacy program. The program is planned to begin as soon as construction is complete and will take place on the Gilbertown campus of Coastal Alabama Community College, where a branch of the Choctaw County Public Library is located. We plan to utilize student volunteers selected by the college administrator to teach the classes and serve as coaches to the participants. Our program will cover several topics and touch on different levels of digital literacy. The modules include:

Basic Computer Usage

- Computer Systems
- Computer Desktop
- Introduction to Computer Utilities
- Electronic Files and Folders

Basic to Advanced Internet Skills

- Internet Overview
- Electronic Mail
- Internet Security and Family Safety

The above courses were sourced from the National Exchange Carrier Association, Inc. (NECA) training curriculum. NECA grants permission to its members and their community partners to use these resources for non-commercial educational purposes such as community digital literacy programs. We have obtained all proper copyright notices to use these materials.

Once our training dates are set, we plan to enlist the help of local churches and businesses to advertise the classes and provide information for signing up. MTC also plans to advertise the training on their monthly bills sent to customers. Our expectation is that these classes will be taught on a schedule that includes both afternoon and night class times in order to accommodate different schedules.

Our goals for the digital literacy training program are that the attendees will gain one or more of the following:

- Improved ability to participate in the community because they will be more connected and “in the know” about local events and activities
- Improved ability to utilize and apply online business resources
- Improved ability to utilize and apply information for employment
- Improved ability to further their education or skill set through training opportunities
- Improved ability to obtain information to help them make safe and informed decisions
- Improved general knowledge of technology and the internet