



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/18/2009 8:55:10 PM	Easygrants ID: 587
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ENMR Telephone Cooperative, Inc. dba ENMR-Plateau
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Buddy Vaughan

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A. General Application Information

1. Applicant Information	
1-A. Name, Address, and Federal ID for Applicant	
i. Legal Name:	ENMR Telephone Cooperative, Inc. dba ENMR-Plateau
ii. Employer/Taxpayer Identification Number (EIN/TIN):	856000923
Street 1:	7111 N Prince St
Street 2:	PO Box 1947
City:	Clovis
County:	Curry
State:	NM
Country	United States
Zip/Postal Code:	88101

1-B. Name and Contact Information of Person to be Contacted on Matters Involving this Application:	
Prefix:	Mr.
First Name:	Buddy
Middle Name:	
Last Name:	Vaughan
Suffix:	
Telephone Number:	575-389-4376
Fax Number:	
Email:	bvaughan@plateautel.com
Title:	Chief Strategy Officer



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1-C. Other Required Identification Numbers	
i. Organizational DUNS:	009848524
ii. CCR # (CAGE):	0FKR4
iii. Funding Opportunity Number:	1
iv. Catalog of Federal Domestic Assistance Number:	BTOP CFDA Number: 11.557 BIP CFDA Number: 10.787 BTOP CFDA Title: Broadband Technology Opportunities Program BIP CFDA Title: Broadband Initiatives Program

1-D Eligible Entities

Please classify your organization. (Note: If there are multiple organizations involved in the project, designate the lead applicant that would enter into a Loan or Grant agreement with the Agency and assume operational and financial responsibility should an award be made). **Cooperative or Mutual**

1-E. RUS Borrower Status

Yes

1-F. Applicant Federal Debt Delinquency Explanation

Is the Applicant Delinquent On Any Federal Debt? **No**
Federal debt delinquency Explanation:

2. Project Description & Project Title

2-A. Project Title: ENMR-Plateau Middle Mile

2-B. Project Description: Construct middle mile infrastructure to support critical community facilities and community anchor institutions including education, health care, and public safety in several New Mexico communities. The infrastructure will provide high speed broadband with capabilities up to 1 Gbps and beyond for special access and Internet connectivity.



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3. Application ID for Multiple Submissions for Identified Service Areas:

4. Rural Area Determination

At least 75 percent of the proposed service area to be funded falls within rural areas that are unserved or underserved.

No

5. Applications for Rural Areas: Please choose the funding program(s) to which you are submitting this application.

a) BIP broadband infrastructure category to which you are applying:

b) Would you like this Application for Rural Areas to also be considered for BTOP funding?

c) BTOP Infrastructure category for which you are applying.

6. Applications for All Other Areas: Per the NOFA, all applications to fund broadband infrastructure projects in areas that are less than 75% rural must be submitted to NTIA for consideration under BTOP.

BTOP broadband infrastructure category to which you are applying: **Middle Mile**

B. Eligibility Factors

7. Application Submission

BIP and BTOP Factors Selected By Applicant:

Applicant has submitted a completed application and provided all supporting documentation required for the application.

The Project will be substantially complete within 2nd year from the award date, and the project will be fully complete by the end of the 3rd year from the award date.



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<p>For projects seeking more than \$1 million funding, the Applicant agrees to submit a certification, from a Professional Engineer, that attests that a) the system will deliver the stated performance; and b) the projected project will be substantially completed within two years, and fully completed within three years.</p>
<p>The Applicant provides two-way data transmission with advertised speeds of at least 768 kbps downstream and 200 kbps upstream.</p>
<p>Applicant understands and agrees to comply with the nondiscrimination and interconnection obligations outlined in the NOFA.</p>

Additional Factors for BIP Selected By Applicant

Additional BTOP Factors Selected By Applicant
<ul style="list-style-type: none">• Conformity with Statutory Purposes• Cost Sharing/Matching• Reasonableness of Project Budget
The project advances at least one of the statutory purposes for BTOP
Applicant has provided documentation that the project would not have been implemented during the grant period without federal grant assistance.
Applicant has provided a budget that is appropriate to the proposed technical solution and only includes eligible costs.



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- **Demonstration the Project Could not be Implemented But For Federal Grant Assistance**
Applicant is providing matching funds of at least 20 percent towards the total eligible project costs?
Yes

7-k. Cost Sharing/Matching Fund Explanation

C. Executive Summary

Executive Summary of Project for BIP and BTOP:

8. Infrastructure Projects Executive Summary Opportunity

ENMR•Plateau is pleased to submit this proposal requesting BTOP grant funds from NTIA provided by the American Recovery & Reinvestment Act. As a telecommunications provider in New Mexico and Texas, ENMR•Plateau is proposing fiber connectivity services as a middle mile project to anchor locations throughout New Mexico and Texas. These fiber connectivity services will meet both the immediate and future bandwidth requirements of critical community facilities, community anchor institutions, and public safety agencies and will provide the ability to connect to other public and private institutions across the city and across the state.

ENMR•Plateau understands that in order to provide the amount of aggregated bandwidth required in the next three years and beyond will require a very robust core network. In fact, the core network is the key to ensuring long-term bandwidth needs are met. ENMR•Plateau is proposing a DWDM (Dense Wavelength Division Multiplexing) optical system across much of central and eastern New Mexico and west Texas to provide very high bandwidth POP's (Point of Presence) in the major communities along the fiber routes. These POP's will provide opportunities for public and private entities to connect to the core network with speeds up to 1 Gbps and even higher.

ENMR•Plateau has already invested in most of the communities in this proposal in some way



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whether offering FTTP (fiber to the premise), wireless Internet, cellular, or transport services. These investments allow for shovel ready projects to be started immediately and also help to reduce the costs of the projects in this proposal. ENMR•Plateau’s design considerations include ensuring that construction of fiber to anchor locations is done strategically to serve business corridors instead of building the shortest routes. This enables ENMR•Plateau to serve the businesses passed in the future with minimal construction. Of course, construction and equipment costs to serve those customers are not considered in this proposal.

This project addresses several opportunities related to the BTOP program including support to schools, libraries, medical and healthcare providers, community colleges and other institutions of higher education, and other community support organizations, organizations that provide outreach to facilitate greater use of broadband service, and improved broadband service to public safety agencies.

Proposed Funded Service Areas

This project can be viewed in two parts: DWDM network and fiber to anchor institutions. With that in mind, there are a number of communities that will be served with DWDM nodes. These nodes will enable connectivity of either existing or proposed infrastructure from our company or existing infrastructure from another provider in the community. There are 20 communities with DWDM nodes including: Amarillo, Texas, San Jon, Tucumcari, Clayton, Raton, Springer, Las Vegas, Santa Fe, Albuquerque, Socorro, Las Cruces, El Paso, Dell City, Texas, Guadalupe Peak, Texas, Carlsbad, Roswell, Fort Sumner, House, Clovis, and Lubbock, Texas.

The second part is fiber to anchor institutions which includes five communities including: Las Vegas, Raton, Roswell, Springer, and Tucumcari. As part of the application requirements that at least one proposed funded service area be underserved, it was determined that Tucumcari is an underserved market based on having less than 40% broadband subscribership. Further validating this requirement, several other communities that we currently serve that will have interconnect POP’s were determined to have less than 40% broadband subscribership. A number of other communities not included in this proposal will also benefit from the core DWDM network and from existing infrastructure provided by our company.

Households and Businesses Passed



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As a result of constructing middle mile fiber in multiple communities, there are a number of businesses and homes passed. The numbers breakdown as shown: Businesses 36,141, Homes 695,696.

Anchor Institutions Passed

There are 263 anchor institutions that will be served by this middle mile project.

Proposed Services

ENMR•Plateau is proposing to offer special access and Internet connectivity to critical community facilities, community anchor institutions, and public safety agencies. By consolidating services onto a single core network, we feel that we will be able to offer very competitive and reasonable rates to the customers. An added benefit of having the core network with multiple Tier 1 Internet providers is the ability to buy more Internet bandwidth in bulk. ENMR•Plateau intends to pass these bulk savings onto the customers. Another benefit of providing services to anchor institutions is the ability to consolidate services. For example, the state of New Mexico has multiple offices in each community that currently operate independently. The state of New Mexico Department of Information Technology is tasked with reducing infrastructure costs in New Mexico by working with each of the independent agencies to consolidate network backhaul. Each of these agencies purchases their own private circuits from their location to Santa Fe. The services we will offer will enable locations to purchase the local loop independently and consolidate the traffic into a single Ethernet pipe and haul it back to Santa Fe.

Non-discrimination and Interconnection Obligations

ENMR•Plateau has always provided the ability for other companies to interconnect to our network. The proposed project will be consistent with the NOFA's non-discrimination and network interconnection obligations.

Type of Broadband System



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ENMR•Plateau intends to install a [REDACTED] DWDM network in central and eastern New Mexico and west Texas utilizing current fiber infrastructure. This [REDACTED] system has an overall capacity of 400 Gbps enabling flexibility in the network to provide many types of solutions for both public and private entities.

ENMR•Plateau also intends to construct fiber to anchor institutions utilizing an active Ethernet solution which will provide for 1 Gbps connections or higher.

Company Qualifications

ENMR•Plateau has extensive experience in installing and operating fiber networks. In business since 1949, ENMR•Plateau has been on the leading edge of technology and services making it one of the premier small telephone companies in the country. We have experience constructing fiber to the premise solutions being the first company to deploy such a solution in New Mexico in 2004. Our management team has been in the telecommunications business a long time with an average of 21.5 years of experience. We have built fiber to anchor institutions including Clovis Schools with 20 locations and Roswell Schools with 4 locations. We have over 2,000 miles of long-haul fiber in New Mexico and Texas carrying high capacity circuits for companies such as Qwest, AT&T, NTS, Cable One, US Cable, and others.

Partnerships

[REDACTED]

Cost

The total cost of the proposed project is \$19,618,190. ENMR•Plateau intends to provide a cash contribution of \$4,822,314 and an in-kind contribution of \$3,543,810 to this project.

Subscriber Projections



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The subscriber projections for the project are estimated based on serving only those customers in the five markets where fiber to anchor institutions will be constructed. The estimates are based on locations provided to us by the state of New Mexico for state agencies, colleges and universities, schools and libraries, and our own evaluation of the communities to reach additional school locations, city and state offices, and local medical facilities.

Job Creation and Retention

Certainly the most obvious job creation is based on the stimulus package itself. By providing \$7.2 billion in stimulus money and requiring it to be used in a short timeframe, it will generate additional business for many contractors and vendors across the country. Contractors to bury fiber, vendors to provide fiber and equipment, employees to install and maintain the networks will all be necessary. It is assumed that many companies will have to hire additional people to support this massive build and deployment.

One of the concerns of the rural telephone companies is the loss of people and families in their serving areas. The statistics show that the majority of customers disconnecting their landlines are moving from the area. By providing high speed broadband and other advanced services, businesses should be able to assist in keeping people from moving away from their communities by providing jobs with good salaries. More home-based businesses will spring up as improved broadband capabilities are provided in rural New Mexico.

It is estimated that 3 jobs will be created internally to support this project and an additional 1,000 jobs could be created in the service areas. This estimate is based on information in the document attached as supplement 2 from the state of New Mexico called State of New Mexico: Integrated Strategic Broadband Initiative.

Summary

ENMR•Plateau believes this project meets all the requirements of the BTOP program and the spirit of the American Recovery & Reinvestment Act. Spending the past 6 months working with the state of New Mexico, other telecommunications companies, schools, colleges and universities, libraries, and other private businesses has certainly lifted the awareness for providing sufficient broadband to all citizens of New Mexico and the United States.



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ENMR•Plateau is committed to working with federal, state, and local entities to achieve broadband goals set by this initiative.

Description of BTOP Project Purpose (BTOP Applicants Only Next Three Questions)

9. BTOP Statutory Purpose:

Provide improved access to broadband service to consumers residing in “underserved” areas of the United States.
Provide broadband education, awareness, training, access, equipment, and support to schools, libraries, medical and healthcare providers, community colleges and other institutions of higher education, and other community support organizations by or through these organizations.
Improve access to, and use of, broadband service by public safety agencies.
Stimulate the demand for broadband, economic growth, and job creation.

10. Description of BTOP Project Purpose:

This project is intended to be a middle mile project providing support for critical community facilities, community anchor institutions, and public safety agencies by constructing fiber to city, county and state offices, hospitals and medical facilities, community colleges, universities, and K-12 educational facilities, and public safety agencies in underserved communities. Although this project is focused on middle mile in Las Vegas, Raton, Roswell, Springer, and Tucumcari, it has been designed to maximum the amount of businesses and homes passed for future last mile deployments.

This project provides the ability to connect these institutions with access to high speed broadband for special access and Internet connectivity. The network will enable these institutions to create private VLAN’s between facilities or connect to the DWDM network for interconnecting facilities across the network and across the state. The project also enables future services by providing interconnect access points in many communities across New Mexico with capabilities of speeds up to 10 Gbps or higher and is only limited by the equipment placed on the network. As technology improves in the future, virtually unlimited



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bandwidth is available.

In many of the POP's across the network, utilizing current network infrastructure will be possible. In ENMR's serving area, access to anchor institutions will be provided by utilizing recent upgrades to the network that can provide speeds up to 18-20 Mbps using ADSL2+ technology. ENMR is in the last year of a multi-year, multi-million dollar project to upgrade all DLC's to BLC's. This required constructing an additional 1,000 miles of fiber throughout rural northeastern New Mexico to ensure that all BLC's would be fiber fed. It also required upgrading from an OC-48 system to an OC-192 system to ensure additional bandwidth capacity across the network. In other POP's across the core network, Plateau either currently provides CLEC services or is proposing new fiber services. Plateau already serves Clovis with over 65 miles of fiber targeting business corridors and greenfields and is ready to serve all anchor institutions that it is not already serving.

This project supports the statutory objectives of the BTOP program in a number of ways including:

Provide broadband education, awareness, training, access, equipment, and support to schools, libraries, medical and healthcare providers, community colleges and other institutions of higher education, and other community support organizations by or through these organizations

The entire focus of this project is on providing broadband services to anchor institutions serving schools, libraries, medical and healthcare facilities, colleges and universities, and other support organizations. These institutions will be able to take advantage of high speed services to interconnect to other institutions across the city or across the state. It enables a "future-proof" network that provides virtually unlimited possibilities.

Improve access to, and use of, broadband service by public safety agencies

This project includes public safety agencies as anchor institutions and intends on providing broadband services to many of the city police, county sheriff, state police, and fire department locations along with other emergency services.

Stimulate the demand for broadband, economic growth, and job creation



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This project will also stimulate demand for broadband, economic growth, and job creation by providing the ability to offer high speed broadband to businesses because this project was designed to go through the majority of business corridors to reach anchor institutions. This will enable businesses to subscribe to broadband services, create private networks to connect offices across town or across the state, and generate new jobs and economic growth.

Provide improved access to broadband service to consumers residing in “underserved” areas of the United States

A by-product of this project is the ability to serve consumers with future fiber to the home services. By building fiber to anchor institutions in communities across New Mexico, many of which are underserved, we are enabling easier entrance into these communities with a future fiber to the premise build. Many of the costs that disable getting started in a community are covered by this project.

11. BTOP Enhanced Services for Health Care Delivery, Education, and Children:

ENMR•Plateau understands that in order to provide the amount of aggregated bandwidth for health care, education and public safety for the next three years and beyond will require a very robust core network. In fact, the core network is the key to ensuring long-term bandwidth needs are met. We propose constructing a DWDM (Dense Wavelength Division Multiplexing) optical system across much of central and eastern New Mexico to provide very high bandwidth POP’s (Point of Presence) in the major communities along the fiber routes. These POP’s will provide opportunities for public and private entities to connect to the core network with speeds of 10 Mbps, 100 Mbps, 1 Gbps, 10 Gbps, and even higher. Extending the middle mile fiber network into the anchor institutions of the communities identified in this proposal will help to “future-proof” the bandwidth requirements of health care facilities, educational facilities, public libraries, and other agencies that provide services to children and adults.

This project enables interconnectivity of health care and educational facilities across central and eastern New Mexico and west Texas through the core DWDM network. It will connect local health care and educational facilities to larger facilities in the “big” cities across New Mexico and Texas allowing the sharing of information. For example, a small medical facility in Tucumcari can now have access to the University of New Mexico medical facilities and doctors to help diagnose illnesses without requiring the patient to travel to Albuquerque. The



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network also enables extending the educational system around New Mexico by sharing teachers, special programs, libraries, and other services using interactive television and other programs to better benefit our children. Other entities that will benefit will be public computer centers, senior citizen facilities, city offices, county offices, and state offices. By reaching all of these entities within the communities, we are covering all critical community facilities, community anchor institutions, and public safety agencies. The infrastructure is also designed to pass business corridors (that will be served later) enabling high speed broadband to most of the businesses in these communities helping to support economic development and job growth.

This project will provide for high capacity points of presence across central and eastern New Mexico and west Texas. By reaching all medical facilities and educational facilities, we are helping to grow our communities, improve broadband subscribership, and focus on our children. By working with the state of New Mexico Department of Information Technology and the University of New Mexico, we can utilize the core network to interconnect to the Telehealth network being constructed across four states including New Mexico, Arizona, Utah and Colorado and connect to UNM hospital at our common meet point at 505 Marquette in Albuquerque. We have already begun a pilot project with UNM and plan to extend this relationship to other educational institutions in New Mexico including New Mexico State University, New Mexico Highlands University, and Luna Community College.

This proposal is key to building the foundation for a very robust and future-proof network to support education, healthcare and children for a very long time.

D. Proposed Funded Service Area

12. Proposed Funded Service Area Maps:

12-A. Service Area Map (Reference Number): **36F3-A160-4C50-92E0**

12-B. Is the applicant is seeking a waiver for providing less than 100% coverage of a census block. **No**

13. Proposed Funded Service Area (BIP - Last Mile Projects):

Please refer to section M at the end of document.

14. Proposed Funded Service Area (BTOP - Middle Mile Project):

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15. Non-Funded Service Area(BIP Only):

16. Coverage Waiver:

Applicant is seeking a waiver for providing less than 100% coverage of a census block.

No

For Response of "Yes" please refer to upload section for additional supporting documentation.

17. Methodology for Area Status:

To understand the rural eligibility, each of the interconnect points in the core network were identified and listed in the following table using 2000 Census data. The results show that it is only 6.3% rural.

Interconnect POP	Population	Housing Units	Area	Rural	Non-Rural
Albuquerque	448,607	198,465	181.28	181.28	
Amarillo	173,627	72,408	89.00	89.00	
Carlsbad	25,625	11,421	28.41		28.41
Carlsbad North	1,245	526	1.46	1.46	
Clayton	2,524	1,289	4.71	4.71	
Clovis	32,667	14,269	22.49	22.49	
Dell City	413	155	1.65	1.65	
Des Moines	177	93	1.09	1.09	
El Paso	563,662	193,663	249.00	249.00	
Fort Sumner	1,249	680	3.34	3.34	
House	72	52	0.92	0.92	
Las Cruces	74,267	31,682	52.22	52.22	
Las Vegas	14,565	6,366	7.52	7.52	
Lubbock	199,564	84,066	114.00	114.00	
Raton	7,282	3,472	7.34	7.34	
Roswell	45,293	19,327	28.96	28.96	
San Jon	306	133	2.63	2.63	
Santa Fe	62,203	30,533	37.41	37.41	
Socorro	8,877	3,940	14.44	14.44	
Springer	1,285	605	1.47	1.47	
Tucumcari	5,989	3,065	7.56	7.56	



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54.13 802.77
% Rural 6.3%

To qualify this project as underserved under BTOP rules, it was the goal of the proposal to find at least one underserved interconnect POP. First, we contracted with PivotMedia, a research firm specializing in telecommunications to validate one of the markets we intend to construct fiber in. Tukumcari is a Qwest market where we currently have some fixed wireless service but we are not the only broadband service provider. PivotMedia conducted a telephone survey and determined that the broadband take rate in Tukumcari is 21.0%. A report from PivotMedia has been uploaded as Supplement 1.

Second, we analyzed some locations within our own serving area where we have no competition. We determined number of customers with at least 768kbps and used the number of households from the 2000 census to calculate broadband take rates. We determined that House is 27% and San Jon is 34%. Based on this analysis, there is more than one interconnect POP that is underserved.

18. Middle Mile Benefits

Last Mile Service Areas

The Middle Mile project proposes to serve critical community facilities, community anchor institutions, and public safety agencies by constructing fiber to locations in the following last mile service areas:

- Las Vegas, New Mexico
- Raton, New Mexico
- Roswell, New Mexico
- Springer, New Mexico
- Tukumcari, New Mexico

Additionally, this middle mile project will provide the opportunity to serve additional last mile service areas that are not a part of this grant request through interconnection to other middle mile spans that are subtending off of the high capacity transport network created by this middle mile project. The following communities are not included as part of the grant application but may benefit from this project:



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New Mexico

- Anton Chico, Clayton, Clovis, Corona, El Valle, Fort Sumner, Grady, House, Logan, Mosquero, Ranchvale, Roy, San Jon, Santa Rosa and Vaughn

Texas

- Dell City and Farwell

This project will also enable future extensions of middle mile and last mile in the following DWDM node site locations:

New Mexico

- Albuquerque, Carlsbad, El Paso, Las Cruces, Santa Fe and Socorro

Texas

- Amarillo, El Paso and Lubbock

Service Providers

The network proposes to interconnect with any local service providers in each of the last mile service areas including the following:

- Qwest, Cable One, Plateau Telecommunications (offering CLEC services), Plateau Wireless, Verizon/Alltel, AT&T, Sprint and Southwestern Wireless

Community Facilities, Anchor Institutions, and Public Safety Agencies

This project intends to serve anchor institutions in each of the five markets listed below:

Community	Anchor Institutions
Las Vegas	54
Raton	40
Roswell	86
Springer	13
Tucumcari	70
Total	263



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Projected End Users

It is projected that an additional 1,094 end users could be served in the last mile serving areas by this middle mile infrastructure. This information was compiled both by driving out potential fiber routes and utilizing Google Earth to count structures along the proposed routes. The breakdown by community is listed below:

Community	End Users
Las Vegas	137
Raton	165
Roswell	611
Springer	20
Tucumcari	161
Total	1,094

E. Proposed Service Offering

19. Broadband Service Offerings for Last Mile Project:

Please refer to upload section at the end of the document.

20. Service Offerings for Middle Mile Project:

Please refer to upload section at the end of the document.

Competing Service Providers

21. Existing Broadband Service Providers and Services Offered:

Please refer to upload section at the end of the document.

Non-Discrimination, Interconnection

22. Description of Network Openness:

The proposed project will be consistent with the NOFA's non-discrimination and network



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interconnection obligations. The applicants proposed interconnection, nondiscrimination and network management practices follow:

Acceptable Use Policy - Our Acceptable Use Policy (AUP) is designed to provide all our customers with a high quality Internet experience. Our network, just like the Internet is a shared resource; our AUP defines specific actions which are not allowed by our customers in order to preserve high quality service to all of our customers.

This network may only be used for lawful purposes. We do not specifically monitor our customer's Internet access for purposes of restricting access to illegal activities. However, law enforcement, with proper court orders may do so and may require us to provide assistance to them. Illegal activities brought to our attention will result in the customer's network access being revoked. This includes violations of the Digital Millennium Copyright Act.

This network has systems in place to detect and prevent attacks, intrusions and disruptions to our services, including our various servers and network equipment. These automated systems block access automatically when those activities against our network are discovered. These systems do not differentiate between outside attacks and those coming from our customers. If our technical staff determines a customer is intentionally or unintentionally disrupting or attempting to disrupt our services their access will be revoked. We encourage our customers to use anti-virus software and personal or business grade firewalls on their Internet connection to help prevent unintentional disruption attempts.

Network management practice – In general, we use best effort delivery of Internet packets. There is typically adequate bandwidth to meet all of our customers bandwidth needs at any given time. However, we have network management practices and systems in place to help ensure that all customers have the best possible Internet experience even during times of peak usage. This includes caching servers and advanced routing protocols for best or shortest path delivery. We also employ automated systems to prevent network degradation such as Denial of Service attacks and email SPAM. All of our bandwidth management systems are protocol neutral but may shape traffic for individual customers (for all protocols) when one customer is generating a disproportionate share of overall traffic.

Interconnection practice – We offer two types of interconnection access to our network. The



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first is to interconnect with another provider for the exchange of IP packets between networks for the purpose of reducing each other's public Internet backhaul demands. The second is to offer interconnection for the purpose of shared access to the public Internet. These interconnections require a fiber interface to our network which will be provided at reasonable rates and terms. A minimum time commitment may be required when we have to invest in additional equipment for interconnection. In order to prevent exceeding our public Internet backhaul capacity, our standard network management practices are employed on these interconnections when used to access the public Internet.

Non-Discrimination and Interconnection (BTOP applicants only for next three questions)

23. Non-Discrimination Obligations (applicable to Last Mile and Middle Mile Applicants):

Adhere to the minimum non-discrimination requirements as set forth in the NOFA.
Display the nondiscrimination practices in a prominent location on the service provider's web page, and provide notice to customers of changes to these policies.

24. Interconnection Obligations (applicable to Last Mile Applicants):

--



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25. Interconnection Obligations Middle Mile Applicants:

Adhere to the minimum interconnection requirements as set forth in the NOFA.
Display the interconnection policies in a prominent location on the service provider's web page, and provide notice to customers of changes to these policies.
Commit to offering wholesale access to network components and services such as wavelength or fibers at reasonable rates and terms.
Commit to binding private arbitration of disputes concerning interconnection obligations.

Cost Effectiveness and Affordability

26. Cost per Household (BTOP only):

Since this is a middle mile project, there is no cost per household to calculate.

27. Affordability

The pricing used for ENMR•Plateau's Middle Mile project was based on several factors: One being our many years of experience selling transport services and competing with other providers .This has enabled us to develop competitive market rates. We recognize that we need to offer reasonable rates to anchor institutions to allow them to "afford" the service.

[REDACTED]

[REDACTED]



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[REDACTED]

Often times, the anchor institutions are purchasing DS1's from their location to Albuquerque or Santa Fe. A traditional transport circuit, such as a DS1, is billed at a per mile rate and is dependent on distance. [REDACTED]

[REDACTED] ENMR•Plateau's prices will provide opportunities for public and private entities to connect to the core network with speeds of 10 Mbps, 100 Mbps, 1 Gbps, 10 Gbps, and even higher speeds at prices they can afford.

ENMR•Plateau's fiber connectivity services will meet both the immediate and future bandwidth requirements of critical community facilities, community anchor institutions, and public safety agencies and will provide the ability to connect to other public and private institutions across the city or across the state and all at prices that won't break the bank. As one can see, our pricing is very affordable.

F. Technology Strategy

28. Technology Type:

Wireline - Fiber-optic Cable

Other:

29. System Design

Existing network

Service Area

ENMR•Plateau was founded to provide local phone service to rural areas in eastern New Mexico. Today it operates 25 exchanges across 25 counties in eastern New Mexico and western Texas covering 25,000 square miles. It provides local telephone service to



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approximately 10,000 residential and business subscribers and offers the latest in digitally switched technology. ENMR•Plateau also has over 2,000 miles of fiber buried in eastern New Mexico and west Texas.

Services Offered

Presently, ENMR•Plateau offers both voice and data services. Voice service is offered to residences and businesses over copper plant as traditional telephone service. Data services are offered as DSL service over the copper plant also. In the several markets ENMR•Plateau offers voice and data services over FTTP (fiber to the premise). In addition, it also offers wireless Internet and transport services.

Establishments Served

[REDACTED]

Technologies utilized

[REDACTED]

Connectivity to providers

Currently, ENMR•Plateau accesses the Internet by connecting to AT&T in Lubbock, TX utilizing 200Mbps Ethernet link, to Verizon in Amarillo, TX utilizing OC-3 SONET link and



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to Qwest in Albuquerque utilizing 250Mbps Ethernet link. Employing BGP routing protocols, ENMR•Plateau uses these multiple points of presence for protection in case of the failure of any of the three connections.

Proposed network – Middle Mile Transport

Service area

As a part of this middle-mile application, ENMR•Plateau is looking to improve their core backbone transport network by deploying a DWDM (Dense Wavelength Division Multiplexing) optical system across much of central and eastern New Mexico. Utilizing the existing fiber optic links, most of the proposed DWDM network service area will match those of the current OC-192 transport it is looking to upgrade. However, for the purpose of this project, ENMR•Plateau will acquire or lease fiber along the I-25 corridor from Las Cruces to Raton from another provider and will partner with Dell Telephone Cooperative in Dell City, Texas to complete the southern ring.

Services offered

The proposed system would enable entities such as the State of NM to utilize a single network core and provide private VLAN's for segmenting network access for each state agency. It would also enable schools systems to create a private network for sharing applications and the Internet, private businesses to create their own private networks to connect branch offices around the state to their main office, and ISP's to purchase cheaper and more reliable Internet Backbone services. Other uses would be enabling telecom providers to ensure their own networks are ring protected and providing them with opportunities to share Internet backbone services, long distance services, video services and potentially other services. Additionally, other network providers could utilize the core network for redundancy and access to major carrier POP's.

Planned core network would be capable of delivering multiple Ethernet services including Internet Backbone services, Ethernet Private Line (EPL) and Ethernet Virtual Private Line (EVPL) services. Each DWDM wavelength channel can support Ethernet services up to 10Gbps and/or SONET service up to OC-192.

Technologies employed



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[REDACTED]

Proposed connectivity to providers
Proposed DWDM network is intended to provide very high bandwidth POP's (Point of Presence) in the major communities along the fiber routes. These POP's would provide opportunities for public and private entities to connect to the core network with speeds of 10 Mbps, 100 Mbps, 1 Gbps and 10 Gbps. These entities could save money by accessing the network at the POP's and consolidating circuits into an Ethernet pipe. Major POP's along the network core are listed in the table below:

Albuquerque, NM Las Vegas, NM Amarillo, TX
Carlsbad, NM Raton, NM Dell City, TX
Clayton, NM Roswell, NM El Paso, TX
Clovis, NM San Jon, NM Guadalupe Peak, TX
Ft. Sumner, NM Santa Fe, NM Lubbock, TX
House, NM Springer, NM
Las Cruces, NM Socorro, NM

Proposed network – Middle Mile to Community Anchor Institutions

Service area

ENMR•Plateau is proposing fiber connectivity services in the cities of Las Vegas, Raton, Roswell, Springer, and Tucumcari to the community anchor institutions as specified by the State of New Mexico Department of Information Technology. These fiber connectivity services will meet both the immediate and future long-term bandwidth requirements of served institutions.

Services offered



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The proposed FTTP network will provide the opportunities to the served community anchor institutions of the connection to the State of New Mexico network as well as ENMR•Plateau provided access to the Internet at the speeds of 10 Mbps, 100 Mbps, 1 Gbps.

Market Anchor Institutions

Las Vegas	54
Raton	40
Tucumcari	70
Roswell	86
Springer	13

The State of New Mexico traffic from each of the five markets will be carried to the DWDM node in Albuquerque where the Ethernet traffic will be dropped on the pair of Cisco 3750E switches and delivered to the State provided equipment. Any Internet traffic from the subscribers will be delivered to the routers located in Clovis, NM using the same DWDM network.

Technologies employed

[Redacted content]



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30. Network Diagram:

Please refer to upload section at the end of document.

31. Certification by Professional Engineer:

Please refer to upload section at the end of document.

32. Buy American Waiver Request:

Is the applicant seeking an individual waiver of the Buy American provision? **No**

Buy American Waiver Request – Legal Justification

33. Choice of Service Provider:

Does the project’s Infrastructure and the Company’s business plan allow more than one provider to serve end users in the proposed funded service area?

Yes

G. Project Milestones and Completion Factors

Timeline & Milestones

34. Infrastructure Build-out Timeline:

Please refer to upload section at the end of the document.

35. Licenses, Regulatory Approvals and Agreements:

ENMR•Plateau is licensed in the State of New Mexico to provide local exchange public telecommunications services (Docket No. 98-578-TC; Utility Case No. 2981). Furthermore, ENMR•Plateau has been issued a Certificate of Financial and Technical Competency by the New Mexico Public Regulation Commission.



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ENMR•Plateau currently has a franchise agreement with the city of Roswell, NM. ENMR•Plateau does not currently have franchise agreements with the cities of Tucumcari, NM, Raton, NM, Las Vegas, NM, and Springer, NM; however we are currently pursuing these franchise agreements with local officials. ENMR•Plateau has a long history of providing telecommunications in New Mexico, a track record of community involvement, strong relationships with state, county and local governments making us confident in our ability to obtain franchise agreements expeditiously and by the time the project begins.

Las Vegas, NM Franchise agreement Working with local officials
Raton, NM Franchise agreement Working with local officials
Roswell, NM Franchise agreement Completed; currently operating as CLEC
Springer, NM Franchise agreement Working with local officials
Tucumcari, NM Franchise agreement Working with local officials

36. Construction and Vendor Contracts

ENMR•Plateau will be relying heavily on contractors and vendors for the completion of this project. These can be broken into three primary categories:

Construction Contractors – ENMR•Plateau will be using contractors for directional boring, vault installation, and pulling fiber. ENMR•Plateau will be using experienced contractors that have performed work for us before and have an excellent track record of delivering quality construction in a timely, safe manner. Additionally, ENMR•Plateau has letters of support from these contractors to start these projects within the required timelines.

Equipment Vendors – ENMR•Plateau will be procuring electronic and fiber equipment from reputable vendors that have provided equipment to ENMR•Plateau in the past. This equipment is tried and tested and is expected to work in the field with no major issues. Additionally, ENMR•Plateau has received commitments from these vendors to deliver the required equipment within the expected timeframes.

Materials Vendors – ENMR•Plateau will be procuring commodity materials such as duct, fiber, vaults, splice boots, and signs from reputable vendors that we have worked with on previous projects. All materials will be of high quality and are fully expected to meet the requirements of this project.



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Transport Capacity – ENMR•Plateau, Delcom, Inc, [REDACTED] are committed to working together to create a high capacity DWDM network that will utilize current fiber in central and eastern New Mexico and the Texas panhandle to provide anchor institutions access to a high bandwidth transport network for special access and Internet connectivity. [REDACTED]

Qualification of Management Team and Organizational Readiness

37. Management Team Resumes:

Please refer to upload section at the end of the document.

38. Organizational Readiness:

ENMR was founded by its members in 1949 to provide local phone service to rural areas in eastern New Mexico. Now known as ENMR•Plateau, the company has grown to be one of the larger telecommunications service providers within the region. ENMR•Plateau has over \$195 million in assets and operates in 25 counties in eastern New Mexico and western Texas covering 25,000 square miles. The company provides local telephone service to approximately 10,000 residential and business subscribers and offers the latest in digitally switched technology. ENMR•Plateau also has over 2,000 miles of fiber buried in eastern New Mexico and west Texas and utilizes the fiber network to transport high capacity services for the company and other carriers in the area. ENMR has offices in Santa Rosa, Logan, Clayton, Fort Sumner, Farwell, TX as well as Plateau offices in Clovis, Roswell, Artesia, Carlsbad, Plainview, TX, and Levelland, TX. ENMR•Plateau has the reputation of being on the cutting edge of new technology and strives to offer the most advanced services available on the market.

Plateau Telecommunications was formed in 1982 as a wholly-owned subsidiary of ENMR Telephone Cooperative, Inc. headquartered in Clovis, NM. Plateau offers a variety of services aimed at improving communications for our customers. Plateau sells phone systems, network services and cabling, long distance, long-haul circuits, and voice and broadband services. Plateau operates the 2nd largest Internet Service Provider in New Mexico and the 4th largest wireless ISP in the US with over 15,000 total Internet subscribers. Current offerings include: DSL, Wireless Internet, Dialup and Satellite services. Plateau has currently deployed wireless



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high-speed Internet in 8 competitive markets in New Mexico offering plans up to 2 Mbps. Plateau is also a licensed Competitive Local Exchange Carrier (CLEC) in New Mexico and was recognized in 2005 as the first provider in the state to offer fiber services to business and residential users in Clovis, New Mexico. Plateau currently provides CLEC services in Clovis utilizing over 65 miles of new fiber placed in 2005 and 2006 and has begun a similar fiber project in Roswell, New Mexico. Plateau provides fiber and connectivity services to the Roswell Independent School District and Clovis Municipal Schools as well as broadband Internet service to many of the rural schools in the ENMR serving area.

Plateau is experienced in the research, design and implementation of various technology projects. We have two PMP certified project managers on staff and a project team already in place that is well versed in rolling out a variety of products in multiple markets. Sales, operational, and billing support systems are already in place to provide special access and broadband services to new markets. We have 12 retail store locations selling Internet and Cellular products in New Mexico and Texas. We are equipped with a 24/7 fully staffed Network Operations Center (NOC) that will monitor the circuits, alarms, customer usage, etc., certified technicians located in New Mexico and Texas who are ready to assist the customer in any way necessary, an Internet technical support team who are knowledgeable on Internet-related issues as well as a team of customer care representatives who handle all of Plateau's Internet customers on a daily basis. The people and processes are already in place making this proposal shovel ready.

Other

39. Organizational Chart:

Please refer to upload section at the end of document.

40. Legal Opinion:

Please refer to upload section at the end of document

41. Government and other Key Partnerships:

ENMR•Plateau has been involved with the state of New Mexico's integrated strategic broadband initiative since March 2009 with the intention of assisting anchor institutions across New Mexico in gaining more broadband capacity, consolidating network infrastructure, and



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reducing costs. As part of this initiative, multiple potential partnerships have sprung up with the entities below.

We are working with the State of New Mexico on the Integrated Strategic Broadband Initiative and they bring potential customers from all state agencies. The impact is revenues from circuit sales as well as a continued effort to build broadband throughout New Mexico via multiple initiatives.

[REDACTED]

We partner with Delcom, Inc. on their fiber infrastructure from the Washington Gas Camp to El Paso. This enables completion of a core fiber network.

We are providing fiber from Raton to a meet point near Clayton for Baca Valley Telephone. This enables completion of a core fiber network (Northeast ring) in the state.

[REDACTED]

[REDACTED]

42. Recovery Act and Other Governmental Collaboration.

ENMR•Plateau has been working with the state of New Mexico on the Integrated Strategic Broadband Initiative since March 2009. The significance of this effort has been that many telecommunications companies and other entities in New Mexico have been working together to figure out how to provide broadband to every unserved and underserved citizen of the state. As the effort succeeds in building out broadband across New Mexico, it is important



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to remember that the core broadband network can be used for many things including smart grid and Telehealth. ENMR•Plateau intends to work with the state and the governor’s office to determine how to best utilize the network to support smart grid and Telehealth efforts. We have had discussions with Governor Bill Richardson’s Science Advisor, Thomas Bowles, who is on loan from Los Alamos National Laboratory and is leading the state’s efforts in smart grid, health care, and broadband. Currently, UNM was awarded over \$15 million in federal dollars to build a Telehealth network in New Mexico, Arizona, Utah, and Colorado. We are working with UNM to determine how to best utilize the broadband network to support their project. We are also working with UNM on connecting their network to the Texas LEARN network which will enable New Mexico universities to share resources with Texas universities for research and other educational support. Collaboration with other agencies will enable ENMR•Plateau and the state of New Mexico to further the integrated strategic broadband initiative.

Community Involvement (BTOP Applicants Only)

43. Partnering with Disadvantaged Businesses

There are no partnerships with disadvantaged small businesses.

H. Project Budget

44. General Overall Budget



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Budget	Loan Request	Grant Request	Equity	Debt	Bond	Other
Network & Access Equipment (switching, routing, transport, access)		██████	██████			
Outside Plant (cables, conduits, ducts, poles, towers, repeaters, etc.)		██████	██████			
Buildings and Land – (new construction, improvements, renovations, lease)		██████	██████			
Customer Premise Equipment (modems, set-top boxes, inside wiring, etc.)		██████	██████			
Billing and Operational Support Systems (IT systems, software, etc.)						
Operating Equipment						



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(vehicles, office equipment, other)						
Engineering/ Professional Services (engineering design, project management, consulting, etc.)		██████	██████			
Testing (network elements, IT system elements, user devices, test generators, lab furnishings, servers/computers, etc.)		██████	██████			
Site Preparation						
Other						
TOTAL BROADBAND SYSTEM		11,252,065	8,366,125			



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Total Budget: \$ 19,618,190

45. Detailed Budget:

Please refer to upload section at the end of the document.

Sustainability

46. Reasonableness

ENMR•Plateau will be working with vendors and contractors that have done prior implementations with the company. Prior to submitting the application ENMR•Plateau, working in conjunction with our Engineering firm, worked with the vendors and construction contractors to assure competitive pricing. The costs for this project can be primarily broken into several categories:

Directional boring of mainline and drop fiber: ENMR•Plateau has letters of support from two competitively priced Directional Boring Contractors who have provided their intent to be “shovel ready” for the projects in this application. Costs associated with mainline boring are based on actual mileages of our designs. Routes were selected based on the locations of anchor institutions in conjunction with a goal of passing the maximum number of businesses. Drop costs were based on the number of anchor institutions and an average drop length of 300 feet. It is estimated that due to the nature of the anchor institution facilities, approximately 60% of all drops will have to be bored.

[REDACTED]

Trenching of drop fiber: The cost of trenching drops is significantly cheaper than boring, however due to the nature of the anchor institution facilities, it is estimated that approximately 40% of anchor institution drops can be trenched. The cost for trenching is based on 300 foot drops at competitive trenching rates.



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DWDM Equipment Costs: DWDM equipment has been dramatically dropping in price over the last few years and is becoming an extremely efficient method for providing extensive bandwidth in transport networks with minimal fiber exhaustion and excellent scalability. ENMR•Plateau and its Engineering firm have been working with a world class vendor to attain commitments and very competitive pricing for DWDM equipment.

Active Ethernet FTTP Equipment Costs: ENMR•Plateau feels that the best and most cost efficient method for satisfying the current and future bandwidth needs of the anchor institutions is Active Ethernet over fiber. ENMR•Plateau and their Engineering firm have worked with their current Broadband Loop Carrier equipment vendor to attain commitments for the timely delivery of equipment and competitive pricing.

Engineering Costs: ENMR•Plateau will be using a long term partner to provide Engineering services on this project. ENMR•Plateau has worked with [REDACTED] on many projects and we are extremely confident in their Technical and Management capabilities. [REDACTED] engineering fees are very competitive and they are working with ENMR•Plateau to assure that the professional services fees from equipment vendors are also very competitive.

47. Historical Financial Statements:

Please refer to upload section at the end of the document.

48. Broadband Subscriber Estimates:

Please refer to upload section at the end of the document.

49. Other Services:

Please refer to upload section at the end of the document.

50. Pro Forma 5-Year Financial Forecast and Assumptions:

Please refer to upload section at the end of the document.

51. Commitment of Capital Funding Support

ENMR•Plateau will contribute \$4,822,314 in cash and \$3,543,810 in-kind to the proposed middle-mile project. This equates to a total funding amount of \$8,366,214 or 43% of total project costs. The \$4,822,314 of cash will be derived from existing cash and/or the sale of investments, the \$3,543,810 of in-kind is the value placed on current fiber optic facilities that will be dedicated to the project. The funds will be used for infrastructure.



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BTOP Requirements

52. Matching Funds:

- a. **Cash:** \$ 4,822,314.00
- b. **In-Kind:** \$ 3,543,810.00
- c. **Percent of Total Project Cost:** 43

53. Demonstration of Financial Need:

ENMR•Plateau has determined through the analysis of the financial model based on the estimated costs and projected revenues of the proposed middle mile project that it is not financially feasible for the company to provide services to the community anchor institutions discussed in this application without assistance from the BTOP federal grant program.

[REDACTED]

ENMR•Plateau's stance is that if assistance is not provided by the BTOP federal grant program to provide services to the community anchor institutions discussed in this application, the project would not be financially feasible due to the company opting to invest in financial instruments that will yield a 6% return in one-third of the time and reflect less inherent risk.

When adjusting the model using grant funds as proposed in this application, payback moves into year 5 and reflects an internal rate of return of 6%. Additionally, the forecasted financial statements for ENMR•Plateau reflect a 1.05 current ratio by the end of the five year forecast period and a positive cash balance each year of the forecast period. Therefore, this is an acceptable business proposition for ENMR•Plateau and meets the financial feasibility and sustainability requirements set forth in the NOFA.

54. Unjust Enrichment

ENMR•Plateau is not receiving Federal support for non-recurring costs nor have we applied for any Federal support for non-recurring costs for the proposed project.



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/18/2009 8:55:10 PM		Easygrants ID: 587	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ENMR Telephone Cooperative, Inc. dba ENMR-Plateau	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Buddy Vaughan	

55. Disclosure of Federal and/or State Funding Sources

ENMR•Plateau has not received and will not request to receive any other federal or state funding related to this application.

[Redacted text block]

I. Self Scoring – BIP Only Self Scoring

56. Self Scoring Sheet



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Criteria	Method	Points	Self Scores
<u>PROJECT PURPOSE</u>			
Proportion of Rural Residents Served in Unserved Areas	1 point for every 10,000 unserved households	Up to 5	
Rural Area Targeting	1 point for every 5% increase in the rural service area up the minimum 75% rural area requirement	Up to 5	
Remote Area targeting	1 point for every 50 miles a service area is located from a non-rural area	Up to 5	
Title II Borrower	If you are or were a Title II borrower	5	
Recovery Act and other governmental collaboration	1 point will be awarded for each governmental or Recovery program the applicant is partnering with	Up to 5	
<u>PROJECT BENEFITS</u>			
Performance of the offered services	If a last mile wireline project delivers 20M to household – if a last mile wireless projects delivers 2M to end-user – if a middle mile projects delivers 100M to end points	10	
Affordable of services offered	Points awarded based on the proposed rate structure and the logistics of the proposed service area	Up to 5	



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Choice of service provider	If the proposed infrastructure is available to be used by multiple service providers	5	
Critical Community Facilities	If discounted rate packages at least 25% lower than advertise rates are available to critical facilities	5	
<u>PROJECT VIABILITY</u>			
Applicant's organizational capability	Points will be awarded on the strengths and accomplishments of key management	Up to 12	
Community Support	If a letter of support has been received from a designated representative of the community for every community in the proposed service territory	2	
Ability to promptly start project	If the applicant can demonstrate that all licenses and regulatory approvals have been received, contractors and vendors are ready to enter into contracts, and equity has been deposited into applicant accounts	10	
Socially and economically disadvantaged small businesses (SDB), as defined by section 8(a) of the Small Business Act, 15 U.S.C. §637.	If the applicant is a Section 8(a) entity	1	
<u>PROJECT BUDGET AND SUSTAINABILITY</u>			
Reasonableness of the budget	Points will be awarded based the	Up to 5	



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	adequacy of the proposed budget		
Leverage of outside resources (outside funding/financing requested)	(i) 10 points if this ratio is greater than 100% (ii) 7 points if this ratio is between 100% and 75% (iii) 5 points if this ratio is between 75% and 50% (iv) 3 points if this ratio is between 50% and 25% (v) 1 points if this ratio is lower than 25%	10	
Extent of grant funding (Grant funds/loan funds)	(i) 0 points if this ratio equals 100% (ii) 1 points if this ratio is between 100% and 75% (iii) 3 points if this ratio is between 75% and 50% (iv) 5 points if this ratio is lower than 50% (v) 10 points if no grant funds are requested	10	
Total Points		100	



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J. BTOP Certification Requirements

Certification (Requested for BTOP)

Please refer to upload section at the end of the document regarding following uploads.

1. U.S. Department of Commerce, Broadband Technology Opportunities Program
2. SF-424D Assurances—Construction Programs (Schedule N)
3. CD-511, Certification Regarding Lobbying (Attachment O)
4. SF-LLL, Disclosure of Lobbying Activities (Attachment P)
5. CD-512, Certification Regarding Lobbying—Lower-Tier Covered Transactions (Attachment Q) This certification will not be required until the time of the grant award, because it applies to subcontractors, etc.

K. BIP Certification Requirements

Certification (Requested for BIP)

Please refer to upload section at the end of the document regarding following uploads.

1. Equal Opportunity and Nondiscrimination Certification
2. Certification Regarding Architectural Barriers
3. Uniform Relocation Assistance and Real Property Acquisition - Policies Act of 1970 Certification
4. Certification Regarding Debarment, Suspension, and Other Responsibility Matters – Primary Covered Transactions
5. Certification Regarding Lobbying for Contracts, Grants, Loans, and Cooperative Agreements



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- 6. Network Design and Implementation Plan Certification (to be complete for projects requesting more than \$1 million in federal assistance)

L. Schedules

Schedule: A-1 Congressional Districts

1. State the Congressional District of the Applicant's headquarters

New Mexico - 3

2. State the Congressional District for each area covered by the Project.

New Mexico - 3

New Mexico - 2

M. Proposed Funded Service Area Details (BIP & BTOP)

13. Proposed Funded Service Area (BIP - Last Mile Projects):

Proposed Funded Service Area Name:

Census Blocks in Proposed Funded Service Area:

Community Name:

Rural Classification of the Community:

BIP - Service Status:

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.

BTOP – Service Status:

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.



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Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Buddy Vaughan	

Total Square Miles of Community:
Total Population :
Total Number of Households:
Total Number of Businesses:
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities:

14. Proposed Service Area (BTOP - Middle Mile Project):

Middle Mile Span Name: Las Vegas to Anchor Institutions
Census Blocks in Middle Mile Span: Tract957200:2006-2006,2014-2018,3000-3009, Tract957300:1000-1004,1007-1012,1017-1026,2000-2040,3006-3006,3017-3033,3046-3054,3059-3061,4000-4001,4009-4009,4011-4020, Tract957400:1016-1032,1034-1038,1041-1041,1047-1047,2000-2003,2005-2015,2025-2026,4000-4001,4011-4012, Tract957600:2234-2234,2236-2239,2241-2241, Tract957800:1006-1006,1010-1011,1014-1015,1022-1029,1031-1034,1036-1036,2002-2008,2010-2016,2032-2036,2038-2039,3001-3003,3006-3006,3027-3028,4000-4003,4006-4015,4017-4026,4029
Last Mile Service Area Name: Las Vegas Anchor Institutions
Community Name: Las Vegas, NM
Rural Classification of the Community: Rural
BIP – Service Status:

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 8
Total Population : 14,565
Total Number of Households: 6,366
Total Number of Businesses: 302



**Broadband Infrastructure Application
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Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 54

Middle Mile Span Name: Raton to Anchor Institutions
Census Blocks in Middle Mile Span: Tract950500:1024-1024,1030-1032,1037-1038,2019-2025,3029-3033,4005-4007,4009-4013,4015-4018,4022-4024,6071-6072,6074-6074,6088-6090, Tract950600:2020-2021,2024-2024,3000-3002,3005-3006,3008-3009,3012-3013,3016-3017,3020-3021,3025-3028,3031-3034,3037-3040,3042-3042,4001-4004,4007-4010,4016-4017,4022-4026,4028-4029,4033-4033,4038-4040,5008-5009,5012-5012,5014-5015,5021-5024,5037
Last Mile Service Area Name: Raton Anchor Institutions
Community Name: Raton, NM
Rural Classification of the Community: Rural
BIP – Service Status:

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 7
Total Population : 7,282
Total Number of Households: 3,472
Total Number of Businesses: 191
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 40

Middle Mile Span Name: Roswell to Anchor Institutions
Census Blocks in Middle Mile Span: Tract000200:1030-1030,1035-1037,1045-1049,1052-1062,2007-2007,2009-2018,2020-2022,2024-2026,2029-2030,2034-2036,2045-2045,3010-3011,4004-4004,4007-4007,4016-4016, Tract000400:4021-4027,4039-4039,4046-4046,4054-4054, Tract000600:1004-1004,1010-1010,2000-2000,2028-2028,3000-3000, Tract000900:1017-1017,1068-1068,1070-1070,2058-2059,2066-2069, Tract000500:2035-2035, Tract000600:1061-1061,4029-



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Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Buddy Vaughan

4031,4036-4037,4040-4040,5001-5002, Tract000700:1002-1004,2006-2011,2015-2017,2027-2027,3004-3005,3010-3014,3017-3018,4018-4018,4033-4046,4049-4053, Tract000800:1023-1032,4011-4011,4013-4013, Tract001100:1017-1018,1020-1023,1027-1028,1032-1034,1036-1036,2003-2009,2017-2017,2025-2027,2041-2048,3017-3017,3019-3021,3024-3024,3026-3030,6056-6056,6058-6062,6065-6068,6084-6090, Tract001000:1008-1009,1016-1017,1037-1037,2017-2018,2030-2030,3008-3008,3012-3012,4000-4001, Tract000200:5024-5026, Tract000500:1023-1026, Tract000300:3000-3007,4003-4003,4005-4005,4007-4008, Tract001000:3001-3001,3023

Last Mile Service Area Name: Roswell Anchor Institutions
Community Name: Roswell, NM
Rural Classification of the Community: Non-Rural
BIP – Service Status:

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
--

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 29
Total Population : 45,293
Total Number of Households: 19,327
Total Number of Businesses: 877
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 86

Middle Mile Span Name: Springer to Anchor Institutions
Census Blocks in Middle Mile Span: Tract950700:1537-1538,2003-2015,2018-2019,2021-2022,2025-2026,2029-2029,2031-2035,2045-2050,2055-2057,2059-2063,2065-2067,2070-2071,2076-2082,2084

Last Mile Service Area Name: Springer Anchor Institutions
Community Name: Springer, NM
Rural Classification of the Community: Rural
BIP – Service Status:

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
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BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list. The rate of broadband subscribership for the proposed funded service area is 40% of households or less.
--

Total Square Miles of Service Area: 1
Total Population : 1,285
Total Number of Households: 605
Total Number of Businesses:
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 13

Middle Mile Span Name: Tucumcari to Anchor Institutions
Census Blocks in Middle Mile Span: Tract958601:1025-1026,1029-1030,1033-1034,1037-1037,1090-1099,1102-1104,1110-1110,1120-1122,1209-1209,1211-1214,2004-2007,2009-2012,2014-2014,2016-2017,2022-2022,2030-2034,3014-3014,3023-3023,3028-3028,3036-3036,3043-3043,3050-3050,4001-4006,4017-4018,4023-4025,4027-4027,4029-4030,4033-4033,4037-4038,4045-4047, Tract958602:2012-2016,2019-2021,2025-2026,2041-2042,2047-2049,2057-2059,3005-3008,3031-3036,3038-3041,3044-3044,3074-3078,4000-4006,4009-4010,4016-4029,4034-4034,4048-4048,4059-4059,4066
Last Mile Service Area Name: Tucumcari Anchor Institutions
Community Name: Tucumcari, NM
Rural Classification of the Community: Rural
BIP - Service Status:

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list. The rate of broadband subscribership for the proposed funded service area is 40% of households or less.
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Total Square Miles of Service Area: 8
Total Population : 5,989
Total Number of Households: 3,065
Total Number of Businesses: 158
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities: 70

Middle Mile Span Name: Raton to Springer
Census Blocks in Middle Mile Span: Tract950500:6062-6078,6087-6091,6099-6101,6103-6103,6109-6115,6245-6253,6352-6355,6360-6361,6998-6998, Tract950600:4018-4019,4022-4041,5016-5045,5194-5194,5199-5201, Tract950700:1246-1247,1251-1262,1267-1275,1283-1288,1291-1291,1299-1306,1393-1393,1398-1403,1411-1457,1460-1464,1467-1471,1475-1481,1484-1488,1492-1497,1504-1520,1538-1538,1540-1542,1605-1614,2000-2038,2040
Last Mile Service Area Name: Raton
Community Name: Raton, NM
Rural Classification of the Community: Rural
BIP – Service Status:

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
--

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list. The rate of broadband subscribership for the proposed funded service area is 40% of households or less.
--

Total Square Miles of Service Area: 7
Total Population : 7,282
Total Number of Households: 3,472
Total Number of Businesses: 191
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities:

Middle Mile Span Name: Springer to Las Vegas



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Census Blocks in Middle Mile Span: Tract950700:1393-1393,1513-1521,1532-1543,1550-1561,1574-1580,1596-1596,1623-1624,1631-1638,1935-1936,1938-1938,2003-2035,2043-2097, Tract955200:5013-5013,5015-5029,5031-5034,5038-5038,5040-5083,5101-5101,5103-5110,5131-5131,5134-5137,5266-5267,5269-5282,5295-5295,5540-5593,5595-5596,5607-5613,5615-5616,5620-5626,5667-5674,5687-5695,5727-5727,5735-5742,5750-5772,5777-5795,5798-5798,5801-5805,5856-5856,5862-5865,5996-5996, Tract957200:1000-1002,1009-1009,1017-1035,1043-1044,1997-2001, Tract957300:1012-1012,2000-2002,2010-2011,2013-2040,3000-3066,4000-4002,4011-4017,4019-4020, Tract957400:1000-1065,2000-2002,2016-2020,2033-2038,3000-3011,3013-3042,3044-3044,3049-3051,4042-4049,4051-4051,4059-4059, Tract957500:1295-1298,1300-1313,1315-1315,1322-1329,1693-1696,2107-2121,2124-2127,2129

Last Mile Service Area Name: Springer
Community Name: Springer, NM
Rural Classification of the Community: Rural
BIP – Service Status:

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 1
Total Population : 1,285
Total Number of Households: 605
Total Number of Businesses:
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities:

Middle Mile Span Name: Las Vegas to Santa Fe
Census Blocks in Middle Mile Span: Tract000101:1020-1020, Tract000400:1024-1024,1036-1037,1050-1055,1062-1068, Tract000500:1003-1006,1008-1021,1032-1054,1056-1057, Tract000600:1000-1026,2000-2028, Tract000700:1030-1032,1034-1034,1036-1039,1045-1049, Tract000900:1003-1056, Tract001001:1000-1020,2000-2026, Tract001002:1000-1008,2000-2019,3000-



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3030, Tract001102:1000-1053, Tract001103:1000-1010,2000-2026, Tract001105:1000-1028,2000-2007, Tract001107:1000-1007,1013-1014,1017-1017,1040-1041, Tract001202:1006-1006,1009-1018,1021-1024,1044-1044, Tract010302:3000-3004,3008-3008, Tract010306:1000-1018,1034-1034,1040-1041, Tract010400:1006-1011,1014-1015,2000-2044, Tract010700:1000-1006,1010-1019,1024-1024,1026-1028,2000-2010,2022-2023,2028-2037,2039-2040,2046-2046,3001-3006, Tract010800:1016-1044,1053-1072,1074-1078,1998-1998,2003-2020,2026-2026,2031-2034,2036-2053,2999-2999, Tract957300:2013-2040,3025-3027,3032-3032,3039-3065,4000-4002,4011-4017,4019-4020, Tract957400:1001-1065,2000-2002,2015-2023,2030-2038,3000-3051,4035-4036,4042-4061,4066-4077, Tract957500:1338-1351,4011-4020,4022-4028, Tract957600:2226-2226,3033-3042,3044-3051,3055-3055,4000-4002,4018-4051,4059-4059,4099-4122,4131-4160,4162-4164,4169-4180, Tract957700:1000-1002,1005-1026,1034-1052,1088-1088,2000-2003,2009

Last Mile Service Area Name: Las Vegas
Community Name: Las Vegas, NM
Rural Classification of the Community: Rural
BIP – Service Status:

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 8
Total Population : 14,565
Total Number of Households: 6,366
Total Number of Businesses: 302
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities:

Middle Mile Span Name: Santa Fe to Albuquerque
Census Blocks in Middle Mile Span: Tract000101:1015-1015,1017-1026,3000-3011,4011-4011,4014-4017,4020-4021, Tract000204:1002-1003, Tract000300:1005-1007,1015-1018,1027-1027,5001-5011,5018-5018,5024-5026,6000-6021,6998-6999, Tract000400:1000-1005,1007-1068,



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Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ENMR Telephone Cooperative, Inc. dba ENMR-Plateau
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Buddy Vaughan

Tract000500:1000-1057, Tract000600:1000-1026,2000-2001,2013-2013,2015-2025,2028-2028, Tract000700:1000-1000, Tract001001:1000-1020,2000-2004,2007-2015,2017-2026, Tract001002:1008-1008,3000-3001,3029-3030, Tract001102:1000-1053, Tract001103:1000-1010,2000-2000,2017-2026, Tract001105:1000-1028,2000-2010, Tract001106:1027-1027,1029-1032, Tract001107:1000-1003,1013-1019,1021-1044,2015-2030, Tract001300:3035-3037,4001-4001,4014-4015,4017-4019, Tract001400:1000-1000,4000-4004,4009-4013,4017-4017, Tract001500:1000-1019,2000-2020,3006-3007, Tract001600:1000-1043,2003-2006, Tract001800:1000-1004,1008-1009,1997-1999,2003-2008,2013-2014, Tract001900:1000-1022, Tract002000:1000-1016,2000-2039, Tract002100:1000-1005,1014-1016,1023-1046,1054-1064,1071-1090,1095-1098, Tract002700:1000-1003,1011-1019,1039-1040,1058-1065,1071-1079,1084-1095,1098-1101,1103-1104, Tract002900:2000-2000,2007-2008,2030-2030,2034-2034,3000-3009,3019-3042, Tract003400:1000-1002,1004-1004,2000-2031,2033-2036,2038-2038,2045-2045,2994-3004,3009-3047,4000-4007, Tract003707:1005-1005,1009-1011, Tract003714:1000-1012,2000-2011,3000-3001,4000-4002,5000-5006, Tract003722:1001-1003,1011-1012,1018-1049,1055-1068,1071-1074,1999-1999, Tract003723:1000-1016,2020-2020,4000-4008,5000-5026, Tract003724:2001-2002,2005-2006,2009-2010,2013-2016, Tract003725:1000-1020,2000-2015,3000-3011, Tract003733:1000-1014,1999-1999, Tract003734:2020-2020,2040-2051,3000-3018,3022-3083, Tract010302:1000-1000,1000-1000,1015-1015,1021-1021,1026-1028,1028-1031,1031-1032,1032-1045,1067-1077,1083-1097,1101-1104,1109-1115,1124-1124,1143-1148,2000-2024,3000-3029, Tract010304:3008-3009, Tract010305:1007-1007, Tract010307:2094-2095,2100-2100,2102-2106,2111-2113,2117-2121,2132-2134, Tract010308:1000-1020,2007-2015,2036-2038, Tract010400:1006-1011,2000-2044, Tract010500:1015-1016,2004-2009, Tract010502:1000-1002,1024-1030,2012-2015,2018-2024,3018-3018,3021-3022,5002-5004, Tract010503:1000-1002,1012-1014,1037-1042,2000-2001,2022-2023,2040-2040,2042-2042,3000-3015, Tract010600:1000-1000,1003-1011,1013-1013,1016-1016, Tract010700:1000-1005,1012-1013,1026-1029, Tract010800:2005-2007, Tract940200:3010-3012,3015-3016,3019-3019,3060-3079, Tract940400:2001-2006,2016-2023,3001-3008,3030-3040,3063-3063, Tract940500:3000-3022,3025

Last Mile Service Area Name: Santa Fe
Community Name: Santa Fe, NM
Rural Classification of the Community: Non-Rural
BIP – Service Status:

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.

BTOP - Service Status: Underserved



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/18/2009 8:55:10 PM	Easygrants ID: 587
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ENMR Telephone Cooperative, Inc. dba ENMR-Plateau
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Buddy Vaughan

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 37
Total Population : 62,203
Total Number of Households: 30,533
Total Number of Businesses: 3,221
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities:

Middle Mile Span Name: Albuquerque to Socorro

Census Blocks in Middle Mile Span: Tract000300:1004-1008,4007-4008,5000-5013,5015-5020,5024-5026,6000-6021,6998-6999, Tract001200:1004-1010,3001-3036,4000-4025,5001-5001, Tract001300:1000-1013,2000-2012,3000-3020,4000-4012,5000-5019,6000-6018, Tract001400:1000-1023,2000-2005,2016-2016,3000-3014,4000-4003,4010-4017, Tract001500:1000-1019,2000-2021,3000-3018,4000-4019, Tract001600:1000-1052,2000-2027, Tract001700:3004-3011,4001-4008, Tract001800:1000-1004,1008-1009,1997-1999,2002-2009,2011-2014, Tract001900:1000-1022, Tract002000:1000-1016,2000-2039, Tract002100:1000-1005,1014-1015,1024-1045,1055-1064,1071-1089,1096-1098, Tract002700:1000-1002,1012-1018,1039-1040,1058-1063,1072-1079,1085-1094,1099-1100,1103-1104, Tract002900:2034-2034,3000-3000,3020-3020,3022-3042, Tract003400:2024-2025,2028-2032,2045-2045,2994-2994, Tract004001:1000-1000,1008-1024,1029-1031,1033-1040,1998-2107,3000-3000,3003-3004,3007-3007,3011-3011,3013-3022,4000-4004,4007-4012,4016-4016, Tract004602:4042-4042,5008-5008,5011-5023,5025-5068, Tract004604:2000-2000,2026-2027,2997-2999, Tract004715:3014-3015, Tract940200:1000-1107,1125-1151,1212-1221,1233-1261,1263-1263,1996-1996,1998-1998, Tract940300:1010-1014,1346-1349,1379-1386,1997-1997, Tract970200:2001-2021,2023-2023,2036-2041,2998-2999,3007-3008, Tract970401:1000-1027,1029-1034,1036-1054,1063-1065,2001-2007,2010-2023, Tract970402:1000-1003,1030-1066,2000-2023, Tract970403:1000-1043,1066-1068,2000-2034, Tract970700:2000-2020,2022-2022,2024-2031,2042-2051,2062-2071,3000-3041,3043-3046,3052-3058, Tract970800:1004-1008,1013-1023,1029-1037,1039-1039,1047-1074,2000-2077,3000-3022,4000-4028,5000-5029, Tract970901:1054-1055,2000-2045,3000-3035,4012-4014,4016-4023,4035-4045,4047-4047,4052-4059, Tract970902:1002-1019,1022-1025,1034-1040,1048-1050,1056-1114,1119-1163, Tract971200:1000-1002,1119-1121,1165-1167,1179-1179,1212-1225,1227-1242,1252-1253,1255-1259,1298-1303,1320-1320, Tract978100:1064-1089,1106-1106,1108-1172,1176-1196,1224-1226,1242-1243,1999-1999,2033-2033,2045-2050,2053-2055,2142-2144,2566-2585,2587-2599,2999-2999, Tract978200:1000-1002,1080-1084,1299-1299,1303-1304,1306-1311,1318-



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/18/2009 8:55:10 PM	Easygrants ID: 587
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ENMR Telephone Cooperative, Inc. dba ENMR-Plateau
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Buddy Vaughan

1335,1836-1837, Tract978301:1000-1002,1009-1010,1016-1018,1023-1040,1042-1046,1054-1059,1073-1084,1998-2017,2023-2026, Tract978302:1000-1035,2000-2033,3000-3057, Tract978303:1000-1064,2000-2032,2034

Last Mile Service Area Name: Albuquerque
Community Name: Albuquerque, NM
Rural Classification of the Community: Non-Rural
BIP – Service Status:

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 181
Total Population : 448,607
Total Number of Households: 198,465
Total Number of Businesses: 10,895
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities:

Middle Mile Span Name: Socorro to Las Cruces
Census Blocks in Middle Mile Span: Tract000101:1000-1031,2000-2006,2008-2020,2034-2035,4004-4004, Tract000102:1000-1021,1023-1025,2000-2007,3000-3009,4000-4008, Tract000402:1000-1003,1011-1014,2000-2002,2005-2008,2017-2018,3000-3009,3012-3020,3023-3024,4000-4010,5000-5011,6000-6019,6029-6047, Tract000600:1000-1003,1018-1018,1032-1033,2000-2001,2015-2015,2027-2027, Tract000700:1000-1011,2000-2002,2004-2016,3000-3007,4000-4016,5000-5011,6000-6011, Tract000800:1000-1011,2000-2009,3000-3007,4000-4008, Tract000900:1000-1000,1015-1016,3000-3002,3010-3010,3015-3017,5000-5001,5006-5009,6000-6014, Tract001000:1000-1022,2000-2007,3000-3007,3039-3046,3050-3057,4000-4012,4015-4015, Tract001101:2046-2054,2073-2073,2075-2080,3000-3009,3032-3049,3052-3052,3059-3059, Tract001201:1000-1021,2090-2103,2105-2105,2120-2120,2123-2130, Tract001202:1000-1008,2019-2042,2045-2056,3000-3005,4000-4006,5000-5010,6000-6008,7000-7037,8059-8067,8070-8079,8082-8083,8087-8087, Tract001301:1015-1015,1018-



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/18/2009 8:55:10 PM	Easygrants ID: 587
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ENMR Telephone Cooperative, Inc. dba ENMR-Plateau
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Buddy Vaughan

1018,1054-1057,1062-1064,1079-1083,1098-1114,1117-1118,1121-1130,2000-2000,2002-2006,2012-2031,2033-2033,2038-2039,2043-2056,2058-2061,3021-3021,3047-3054,4000-4022,5000-5035, Tract001303:1000-1003,1008-1009,1011-1016,1038-1048,3000-3031,5000-5014, Tract001400:1008-1008,1010-1010,1012-1023,1025-1027,1042-1055,1078-1078,1157-1158,1165-1167,1177-1186,1995-1995,2000-2003,2102-2106,2999-2999,3005-3005,3010-3010,3995-3996, Tract978100:1274-1274,1276-1288,1292-1295,1308-1310,1319-1320,1326-1326,1328-1328,1331-1333,1393-1398,1404-1406, Tract978200:1633-1636,1643-1648,1651-1658,1790-1790,1792-1796,1798-1801,1805-1813,1821-1835,1891-1892,1896-1897, Tract978301:1000-1001,1030-1035,1037-1039,1056-1059,1081-1084,2000-2035,2037-2039, Tract978302:1000-1016,1019-1035,2000-2031,3000-3057, Tract978303:1010-1011,1016-1025,1027-1061,2002-2040,2043-2055,2060-2062,2070-2072,2079-2081,2083-2083,2087-2088, Tract982200:1004-1008,1016-1016,2091-2091, Tract982300:1000-1000,1005-1022,1104-1113,2000-2015,2020-2023,2025-2025, Tract982400:1002-1002,1097-1101,1103-1106,1111-1112,1247-1275,1277-1288,1290-1292,1310-1333,1335-1335,1352-1354,1529-1531,1533-1533,1568-1570,1572-1582,1585-1585,1995-1996,1998-1998,2022-2025,2027-2027,2029-2029,2033-2036,2041-2046,2067-2068,2103-2103,2205-2224,2228-2228,2241-2241,2247-2251,2265-2270,2273-2279,2282-2286,2289-2289,2291-2309,2350-2352,2602-2603,2605-2626,2635-2638,2641-2641,2649-2650,2675-2676,2729-2731,2986-2988,2998

Last Mile Service Area Name: Socorro
Community Name: Socorro, NM
Rural Classification of the Community: Rural
BIP – Service Status:

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 14
Total Population : 8,877
Total Number of Households: 3,940
Total Number of Businesses: 145
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities:



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/18/2009 8:55:10 PM	Easygrants ID: 587
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ENMR Telephone Cooperative, Inc. dba ENMR-Plateau
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Buddy Vaughan

Middle Mile Span Name: Las Cruces to El Paso

Census Blocks in Middle Mile Span: Tract001000:1020-1021, Tract001101:3000-3001,3007-3007,3034-3057,3059-3059,3069-3075, Tract001104:2003-2041,3000-3025, Tract001105:1001-1009,2000-2003,3000-3015,4000-4002,5000-5006, Tract001107:1005-1008,1014-1014,1016-1016,1018-1022, Tract001112:3000-3016, Tract001113:1001-1016,4004-4005, Tract001201:1000-1023,2000-2022, Tract001202:1000-1014,2000-2029,7018-7018,7021-7036,8062-8062,8064-8090,8092-8092,8113-8126, Tract001203:1000-1023, Tract001301:2000-2003,2017-2017,2019-2019,3000-3002, Tract001302:2000-2002,2012-2016,3000-3001,3008-3008,3014-3017,5000-5010,5014-5016,5021-5024,5029-5029, Tract001400:1000-1019,1027-1033,1992-2003, Tract001501:2001-2003,2006-2010,3005-3016,3020-3022,3025-3029,4014-4016, Tract001705:1000-1010,1012-1020,2000-2009,2034-2034,2998-2999, Tract001801:1000-1003,1026-1026,2000-2002,2011-2014,2016-2033,2051-2053,2089-2098,3000-3003,3007-3026,3034-3038,3040-3045, Tract001802:1007-1019,1051-1077,2000-2004,2039-2042,3002-3035,3037-3048,3059-3059,3088-3088,3091-3097,3102-3107, Tract001803:1000-1005,1007-1007,1018-1019,1036-1039,3000-3046,4000-4024, Tract010203:1000-1002,1038-1063,1085-1085,1096-1103, Tract010204:3008-3009,3021-3023, Tract010208:2000-2002,2004-2006,2014-2025,2029-2029,2032-2050,2054-2057,2059-2059,2062-2070,3010-3020,3041-3043,3048-3069,3073-3082,4000-4009,4012-4024,4026-4037,4040-4073, Tract010209:1000-1003,1006-1058,2001-2012,2028

Last Mile Service Area Name: Las Cruces
Community Name: Las Cruces, NM
Rural Classification of the Community: Non-Rural
BIP – Service Status:

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 52
Total Population : 74,267
Total Number of Households: 31,682
Total Number of Businesses: 1,752
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities:



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/18/2009 8:55:10 PM		Easygrants ID: 587	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ENMR Telephone Cooperative, Inc. dba ENMR-Plateau	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Buddy Vaughan	

Middle Mile Span Name: El Paso to Dell City

Census Blocks in Middle Mile Span: Tract001001:1012-1012,1015-1017,2015-2017,3000-3014,4000-4021, Tract001002:1016-1019,2001-2001,2017-2034,3000-3018, Tract001400:1014-1016,1018-1018,1025-1026,1996-1998,2000-2006, Tract001501:1002-1004,2003-2003,2007-2007,2009-2010,3002-3029,4000-4032, Tract001502:1000-1041,2000-2007,3000-3037,4000-4037, Tract001600:1000-1018,2000-2013,2017-2017,3000-3011,4000-4019,5007-5011,5014-5014,5026-5026, Tract001700:1000-1000, Tract001705:2005-2009,2998-2999, Tract002100:1000-1003,1023-1023, Tract002201:1000-1024,2000-2019, Tract002202:1000-1014,2000-2015,3000-3014,4000-4008,4010-4013,5000-5016,6000-6006,6008-6010, Tract002300:1000-1011,2000-2016,3000-3017,4000-4015,5000-5021,6000-6047, Tract002400:1000-1022,2000-2017,3000-3019,4000-4018, Tract002500:1000-1014,2000-2016,3000-3019,4000-4015,5000-5015,6000-6019,7000-7019,8000-8022, Tract002600:1009-1016,1018-1024,2000-2021,3000-3010,4000-4010,5000-5035, Tract002800:1000-1007,1009-1018,2003-2003,2006-2006,6002-6002,7000-7011, Tract002900:1001-1003, Tract003300:1000-1016,2000-2002,2004-2004,4000-4007,4009-4009,5000-5007,6000-6011,7000-7010, Tract003401:1000-1000,1008-1041,1043-1060,1066-1066,1069-1080,2009-2012, Tract003403:1000-1006,2000-2005,2007-2008,2010-2011,4002-4003, Tract003404:1000-1001,2000-2000, Tract004310:1000-1001,2000-2003,3001-3001,4000-4002, Tract010102:1001-1001, Tract010103:1000-1000,1002-1002,1005-1013, Tract010303:1000-1000, Tract010311:3000-3001,4000-4000, Tract010318:1049-1049,1065-1065,1069-1100,1102-1131,2031-2031,2033-2044,2046-2051, Tract010319:1310-1310,1362-1370,1379-1380,1393-1394, Tract950100:1108-1110,1168-1169,1173-1229,1231-1242,1257-1258,1276-1284,1294-1304,1311-1323,1362-1365,1367-1369,2066-2072,2074-2074,2095-2105,2107-2119,2123-2126,2132-2133,2136-2136,2243-2245,2263-2263,2265-2265,2271-2271,2282-2293,2305-2308,2310-2310,2340-2342,2345-2352,2371-2378,2381-2381,2385-2385,2402-2406,2408

Last Mile Service Area Name: El Paso
Community Name: El Paso, TX
Rural Classification of the Community: Non-Rural
BIP – Service Status:

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
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BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/18/2009 8:55:10 PM	Easygrants ID: 587
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ENMR Telephone Cooperative, Inc. dba ENMR-Plateau
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Buddy Vaughan

The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 251
Total Population : 563,662
Total Number of Households: 213,715
Total Number of Businesses: 9,093
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities:

Middle Mile Span Name: Dell City to Guadalupe Peak
Census Blocks in Middle Mile Span: Tract950100:1041-1045,1052-1055,1057-1058,1084-1085,1093-1095,1104-1110,1169-1169,1173-1241,1275-1277,1277-1278,1278-1283,1295-1303,1313-1325,1340-1340,1362-1371,1374-1377,2067-2072,2126
Last Mile Service Area Name: Dell City
Community Name: Dell City, TX
Rural Classification of the Community: Rural
BIP – Service Status:

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 2
Total Population : 413
Total Number of Households: 226
Total Number of Businesses:
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities:

Middle Mile Span Name: Guadalupe Peak to Carlsbad



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/18/2009 8:55:10 PM	Easygrants ID: 587
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ENMR Telephone Cooperative, Inc. dba ENMR-Plateau
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Buddy Vaughan

Census Blocks in Middle Mile Span: Tract000100:1038-1042,1044-1093, Tract000200:2010-2010,2015-2019,2058-2058,2063-2065, Tract000300:5016-5025,6012-6014,6016-6023,8012-8014,8016-8021,8032-8033, Tract000500:1000-1006,1016-1029,1038-1051,2000-2002,2007-2011,2017-2019,3000-3014, Tract000600:1000-1021,2000-2051,3002-3016,3036-3044,3060-3062,3065-3065,3085-3087,4002-4003,4006-4011,4014-4018,4021-4021,4031-4055,4062-4062,4067-4071,4073-4074,4085-4086,4088-4088,4093-4095, Tract000700:2453-2454,2457-2538,2541-2552,2569-2569,2576-2580,2590-2593,2610-2622,2635-2637,2644-2647,2650-2655,2670-2672,2674-2690,2780-2781,2784-2786,2788-2788,2790-2791,2803-2810,2821-2821, Tract950100:1071-1073,1076-1077,1224-1226,1263-1273,1279

Last Mile Service Area Name: Guadalupe Peak
Community Name: Guadalupe Peak, TX
Rural Classification of the Community: Rural
BIP – Service Status:

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
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BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area:
Total Population :
Total Number of Households:
Total Number of Businesses:
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities:

Middle Mile Span Name: Carlsbad to Roswell
Census Blocks in Middle Mile Span: Tract000100:1000-1079,1081-1085,1999-1999, Tract000200:1040-1040,2002-2019,2063-2065,2999-2999,3023-3024,3027-3031,3046-3046,3053-3053,4000-4000,4003-4003, Tract000300:5002-5025,6005-6023,7000-7021,8000-8033,9000-9022, Tract000400:2005-2010,2012-2012,2014-2028,3000-3006,4000-4011,4014-4019,4022-4037,4039-4049,4051-4054, Tract000401:1001-1003,1005-1010,2000-2011,2013-2014,2020-2021,3000-3021, Tract000402:4000-4017,5000-5004,5007-5011,6000-6001, Tract000500:1000-1009,1014-1028,1030-



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/18/2009 8:55:10 PM	Easygrants ID: 587
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ENMR Telephone Cooperative, Inc. dba ENMR-Plateau
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Buddy Vaughan

1030,1039-1050,2000-2001,3000-3001, Tract000600:1002-1033,1035-1049,1053-1077,2000-2011,2014-2029,3000-3006,3009-3020,3022-3036,4000-4033,4037-4038,4041-4045, Tract000700:2004-2015,2017-2025,2028-2028,2095-2105,2112-2119,2121-2121,2125-2130,2132-2132,2134-2134,2136-2150,2280-2280,2300-2300, Tract000900:1728-1736,1927-1929,1947-1957,1982-1986,2007-2014,2019-2026,2030-2038,2053-2059,2062-2066,2068-2084,2086-2086,2088-2088,2097-2101,2121-2121,2143-2144,2165-2174,2178-2180,2190-2202,2204-2206,2209-2211,2213-2213, Tract001000:1002-1007,1024-1060,1063-1089,1099-1099,1101-1142,1147-1187,2000-2051,3000-3007,3010-3027,3029-3040,4000-4022,6000-6004,6064-6071, Tract001100:3000-3004,3038-3049,3101-3121,3124-3135,3148-3166,3168-3173,3200-3203,5005-5041,5044-5075,5080-5095,5101-5105,6000-6008,6011-6028,6031-6042, Tract001200:1053-1056,1063-1071,1082-1088,1125-1138,1162-1166,1181-1181, Tract001300:1005-1012,1014-1018,1026-1133,2033-2044,2047-2055,2060-2060,2062-2062,2064-2072,2078-2078,2088-2088,2118-2121,2193-2206,2209-2219,2225-2230,2356-2357, Tract001400:1152-1161,1172-1172,1179-1180,1259-1259,1262-1271,1273-1273,1275-1291,1293-1294,1306-1317,1353-1359,1558-1563,1566-1703,1791-1795,1797-1797,1804-1808,1995-1996,2002-2011,2017-2126,2128

Last Mile Service Area Name: Carlsbad
Community Name: Carlsbad, NM
Rural Classification of the Community: Non-Rural
BIP - Service Status:

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
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BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list. The rate of broadband subscribership for the proposed funded service area is 40% of households or less.
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Total Square Miles of Service Area: 28
Total Population : 25,625
Total Number of Households: 11,421
Total Number of Businesses: 478
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities:

Middle Mile Span Name: Roswell to Ft Sumner



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/18/2009 8:55:10 PM		Easygrants ID: 587	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ENMR Telephone Cooperative, Inc. dba ENMR-Plateau	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Buddy Vaughan	

Census Blocks in Middle Mile Span: Tract000300:1000-1008,1011-1025,1028-1030,4000-4003,4010-4010, Tract000400:1008-1012,1021-1027, Tract001000:1002-1036,1038-1045,1049-1054,2000-2015,2019-2029,2031-2046,3000-3007,3013-3015,3019-3026, Tract001100:4117-4126,4131-4133,4135-4137,4173-4180,4183-4185,4190-4192,5026-5030,5106-5108,5111-5113,5124-5127,5259-5264,5267-5267,5276-5276,5279-5279,5284-5284,5442-5443,5453-5453,5512-5514,5524-5524,5527-5528,5601-5602,5734-5734,5738-5742,5744-5747,5752-5753,5767-5767,5852-5855,5857-5859,5887-5887,5890-5892,5904-5905, Tract960100:1286-1287,1289-1293,1355-1356,1364-1364,1366-1372,1386-1396,1400-1401,1788-1788,1790-1790,1792-1794,1861-1863,1913-1916,1921-1925,1927-1927,1930-1932,1936-1937,1944-1945,1968-1969,1972-1978,2000-2044,2047-2049,2053-2063,3007-3010,4012-4027,4029-4082,4092

Last Mile Service Area Name: Roswell
Community Name: Roswell, NM
Rural Classification of the Community: Non-Rural
BIP – Service Status:

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 29
Total Population : 45,293
Total Number of Households: 19,327
Total Number of Businesses: 877
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities:

Middle Mile Span Name: Ft Sumner to House
Census Blocks in Middle Mile Span: Tract958800:1675-1681,1683-1683,1688-1688,1695-1707,1803-1804,1806-1806, Tract960100:1093-1093,1183-1185,1266-1266,1272-1273,2005-2007,4001-4001,4014-4017,4021-4021,4074-4080,4082
Last Mile Service Area Name: Fort Sumner
Community Name: Fort Sumner, NM



**Broadband Infrastructure Application
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Submitted Date: 8/18/2009 8:55:10 PM		Easygrants ID: 587	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ENMR Telephone Cooperative, Inc. dba ENMR-Plateau	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Buddy Vaughan	

Rural Classification of the Community: Rural
BIP – Service Status:

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 3
Total Population : 1,249
Total Number of Households: 680
Total Number of Businesses:
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities:

Middle Mile Span Name: House to Clovis
Census Blocks in Middle Mile Span: Tract000600:2032-2032,2035-2038,2070-2072,2074-2075,2086-2087,2089-2089,2091-2094,2098-2101,2108-2110,2151-2153,2163-2164,2247-2247,2311-2311,4000-4008,4010-4010,4012-4012,4042-4042,4046-4050,5024-5025,5030-5030, Tract958800:1653-1656,1658-1658,1665-1665,1667-1669,1702
Last Mile Service Area Name: House
Community Name: House, NM
Rural Classification of the Community: Rural
BIP – Service Status:

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.



**Broadband Infrastructure Application
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Submitted Date: 8/18/2009 8:55:10 PM		Easygrants ID: 587	
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program		Applicant Organization: ENMR Telephone Cooperative, Inc. dba ENMR-Plateau	
Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Buddy Vaughan	

Total Square Miles of Service Area: 1
Total Population : 72
Total Number of Households: 34
Total Number of Businesses:
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities:

Middle Mile Span Name: Clovis to Lubbock

Census Blocks in Middle Mile Span: Tract000400:4000-4001,4011-4011, Tract000600:5015-5016,5021-5021,5028-5030,5035-5038,5058-5058,5068-5070,5074-5074,5080-5082,5100-5101,5110-5111,5127-5129,5145-5146,5157-5159, Tract010301:1010-1012,1015-1015,1019-1024,1027-1029,1033-1038,1048-1052,1066-1069,1075-1076,1078-1078, Tract010302:1051-1053, Tract950100:1009-1011,1018-1020,1135-1138,1153-1154,1162-1164,1179-1183,1193-1195,1238-1239,6313-6323,6393-6399,7014-7019,7021-7025,7027-7036,7049-7051,7077-7082,7085-7092,7094-7094,7119-7121,7123-7147,7202-7207,7277-7282,7334-7339,7414-7417,7419-7420,7504-7510,7547-7549,7553-7555,7587-7590,7661-7665,7668-7680,7683-7683,7686-7687,7690-7709,7738-7756,7779-7784,7786-7788,7792-7792,7914-7914, Tract950200:1000-1001, Tract950300:1660-1660,1664-1664,1666-1670,1673-1677,1732-1735,1737-1742,1756-1775,1784-1784,1792-1821,1859-1876,1878-1879, Tract950600:1052-1052,1097-1097,1100-1108,1110-1115,1118-1122,1124-1142,1144-1146,1150-1168,1170-1170,1173-1176,1193-1194,1196-1200,1224-1232,1237

Last Mile Service Area Name: Clovis
Community Name: Clovis, NM
Rural Classification of the Community: Non-Rural
BIP – Service Status:

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.
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BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 22
Total Population : 32,667



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

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Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Buddy Vaughan

Total Number of Households: 14,269

Total Number of Businesses: 626

Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities:

Middle Mile Span Name:

Lubbock to Amarillo

Census Blocks in Middle Mile Span: Tract000100:2002-2044, Tract000201:1000-1079,9000-9022,9998-9999, Tract000202:1000-1029,2000-2038, Tract000301:1000-1014,2000-2007,3000-3020, Tract000302:1000-1019,2000-2018,5000-5017,6000-6019,7000-7014,8000-8019,9000-9007, Tract000403:1000-1000,2006-2007,2012-2013, Tract000405:1001-1001,1010-1010,2000-2001, Tract000500:1000-1017,2000-2002,2005-2005,9000-9013, Tract000603:1000-1017,2000-2017, Tract000605:1000-1017,2000-2015, Tract000607:1000-1019,1021-1023,2000-2018,2021-2023, Tract000700:1002-1070,1084-1152,2000-2089, Tract000900:9005-9005,9008-9015,9033-9037,9043-9044,9046-9046, Tract010200:1014-1014,1031-1032,2000-2017,4001-4009,4012-4012,4014-4026,4028-4056,7016-7062,7068-7078,7149-7173,7175-7178, Tract010300:3000-3037, Tract010400:2000-2014,3000-3035,4000-4038, Tract010401:1011-1011,1015-1017, Tract011500:4000-4021,6000-6019,7000-7038,8000-8046, Tract011600:1000-1001,2000-2026,3000-3014,4000-4016, Tract011800:2000-2007,2014-2018,4000-4003,4007-4011, Tract011900:1000-1027,3000-3026,5000-5045, Tract012000:1000-1003,1025-1028,1033-1081,2000-2063, Tract013200:1000-1000,2001-2002,2005-2005,2007-2013,2018-2020, Tract014600:1009-1011,1037-1055,1086-1113,1126-1135,1148-1157,1184-1188, Tract014700:1005-1010,1012-1022,1039-1043,2002-2007,2013-2021,2032-2037,2046-2049,2063-2065, Tract014800:4046-4046,4060-4060,4078-4091,4106-4112, Tract015300:1032-1051,2030-2047,3030-3049,4000-4058, Tract020200:4000-4019, Tract020300:1000-1015,2000-2019, Tract020400:1000-1037,2000-2031, Tract020500:1006-1011,1021-1026,1034-1039,1043-1046,2000-2000,2003-2007,2012-2017,2022-2023,4005-4008,4014-4015, Tract020800:1000-1020,2000-2011,3000-3026,4001-4014,5000-5014, Tract020900:1000-1016,2000-2022,3000-3023, Tract021000:1000-1017,2000-2007,3000-3009, Tract021100:1000-1026,2000-2022,3000-3025,4000-4009,5000-5000,8000-8006, Tract021200:2000-2015,3014-3016,4000-4012,5000-5004, Tract021300:2000-2001,2005-2008,2013-2014,3000-3020,4000-4001,4008-4008,5000-5015, Tract021500:1000-1000,1006-1011,2000-2018,2020-2024,3003-3005,3012-3014,4000-4013, Tract021701:2000-2004,2008-2027,2037-2056,2996-3002,3005-3006,3030-3030,4000-4024,4026-4026,4029-4029,4034-4037,4999-4999, Tract021702:1007-1007, Tract021802:2001-2011,2025-2035,2051-2051,2999-2999, Tract021900:1162-1162,1201-1201,1238-1243,1245-1260,2032-2040,2071-2081,2995-2995,3055-3063,3066-3068,3074-3074,3076-3077,3081-3086,3105-3110,3132-3132,3134-3136,3138-3140, Tract022000:1000-1023,2046-2048, Tract950200:1026-1034,1052-1068,1076-1084,1120-1123,1140-1156,1331-1334,1354-1355,1358-



**Broadband Infrastructure Application
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Submitted Date: 8/18/2009 8:55:10 PM		Easygrants ID: 587	
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Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Buddy Vaughan	

1372,2066-2069,2124-2134,2180-2194,2240-2255,2259-2259,2261-2288,2321-2327,2507-2515,2556-2566,2574-2575,2594-2598, Tract950300:1005-1005,2003-2009,2009-2010,2010-2011,2011-2012,2012-2013,2013-2014,2014-2015,2015-2016,2016-2017,2017-2018,2018-2019,2019-2020,2020-2021,2021-2022,2022-2023,2023-2024,2024-2025,2025-2027,2027-2028,2028-2029,2029-2030,2030-2031,2031-2032,2050-2059,2071-2095,3013-3013,3037-3039,3062-3066,4001-4001,4030-4035,4037-4047,4051-4051,5042-5049, Tract950400:1173-1179,1193-1198,1216-1224,1239-1244,1246-1246,1253-1262,1264-1274,1278-1278,1282-1288,1466-1473,1684-1709, Tract950600:1017-1022,1024-1031,1320-1336,1338-1338,1347-1355,2000-2005,2014-2030,2051-2067,2070-2070,2081-2094,2110-2135,2147-2159,2198-2198,2200-2210,2213-2219,2221-2234,2236-2236, Tract950700:1017-1021,1135-1138,1140-1145,1157-1162,1211-1216,1221-1222,1224-1227,1242-1247,2007-2008,2037-2047,2053-2056,2069-2071,2079-2079,3014-3035,3052-3063,3070-3073, Tract950900:1001-1006,1010-1038,2018-2020,2026-2027,2032-2034,2036-2042,2069-2070,2072-2099,3008-3013,3084-3092,3136-3143,3196-3216,3219-3220,3242-3246,3319-3327,3387-3394,3408

Last Mile Service Area Name: Lubbock
Community Name: Lubbock, TX
Rural Classification of the Community: Non-Rural
BIP – Service Status:

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 115
Total Population : 199,564
Total Number of Households: 84,066
Total Number of Businesses: 4,595
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities:

Middle Mile Span Name: Amarillo to San Jon



**Broadband Infrastructure Application
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Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Buddy Vaughan

Census Blocks in Middle Mile Span: Tract014300:3045-3045,3047-3047,3050-3053,3055-3055,3065-3067, Tract021701:1003-1014,1187-1188, Tract950100:1556-1556,1595-1599,1602-1605,1641-1641,1644-1646,1653-1653,1657-1658,1670-1674,1679-1682,1685-1687,1689-1689,1701-1703,1754-1754,1769-1770,1907-1908,1915-1927,1948-1948, Tract950200:1050-1051,1054-1055,1063-1063,1065-1073,1076-1076, Tract958500:1567-1571,1574-1595,1597-1600,1602-1636,1642-1644,1798-1798,1803-1803,1806-1812,1814-1817,1820-1820,1823

Last Mile Service Area Name: Amarillo
Community Name: Amarillo, TX
Rural Classification of the Community: Non-Rural
BIP – Service Status:

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 90
Total Population : 173,627
Total Number of Households: 72,408
Total Number of Businesses: 3,739
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities:

Middle Mile Span Name: San Jon to Clayton

Census Blocks in Middle Mile Span: Tract000100:1933-1935,1937-1937, Tract950200:1011-1119,1123-1123,2003-2020,2026-2108,2111-2112,2121-2122,3588-3588,3592-3592,3595-3595,3638-3638,3653-3653,3662-3663,3665-3665,3750-3751,3754-3754,3756-3756,3767-3767,3803-3804,3878-3879,3889-3889,3906-3906,3912-3913,3933-3933,3935-3935,3937-3937,3950-3950,3972-3972,3975-3975,3977-3977, Tract958500:1001-1001,1020-1021,1023-1023,1076-1076,1116-1121,1127-1134,1136-1138,1140-1140,1174-1175,1200-1203,1231-1231,1236-1240,1281-1286,1288-1289,1292-1293,1295-1299,1339-1339,1343-1350,1353-1355,1441-1442,1447-1447,1449-1449,1452-1452,1466-1467,1509-1509,1568-1571,1574-1582,1585-1591,1610-1624,1629-1630,1632-1636,1798-1798,1807-1810,1999

Last Mile Service Area Name: San Jon



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Task: Submit Application - Infrastructure Programs		Applicant Name: Mr. Buddy Vaughan	

Community Name: San Jon, NM
Rural Classification of the Community: Rural
BIP – Service Status:

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 3
Total Population : 306
Total Number of Households: 133
Total Number of Businesses:
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities:

Middle Mile Span Name: San Jon to Tucumcari
Census Blocks in Middle Mile Span: Tract958500:1480-1482,1486-1488,1490-1490,1495-1495,1504-1505,1568-1568,1573-1582,1585-1589,1612-1620,1623-1623,1633-1636, Tract958601:1007-1014,1081-1083,1086-1090,1110-1114,1158-1172, Tract958800:2112-2113,2117-2119,2121-2126,2128-2128,2136-2137,2152-2152,2154
Last Mile Service Area Name: Tucumcari
Community Name: Tucumcari, NM
Rural Classification of the Community: Rural
BIP – Service Status:

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.



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Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Buddy Vaughan

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Total Square Miles of Service Area: 8
Total Population : 5,989
Total Number of Households: 3,065
Total Number of Businesses: 158
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities:

Middle Mile Span Name: Clayton to Raton
Census Blocks in Middle Mile Span: Tract950200:1026-1034,1039-1061,1073-1089,1110-1118,2008-2017,2019-2025,2027-2027,2029-2081,2083-2084,2093-2099,2125-2126,2129-2129,3263-3264,3266-3266,3280-3287,3294-3294,3302-3302,3304-3304,3307-3308,3323-3324,3331-3338,3341-3341,3366-3366,3378-3381,3397-3397,3399-3399,3404-3407,3410-3411,3421-3421,3423-3424,3428-3429,3497-3497,3499-3499,3636-3636, Tract950500:6034-6034,6036-6037,6039-6042,6058-6059,6064-6065,6071-6075,6090-6090,6094-6094,6124-6127,6129-6129,6157-6159,6169-6169,6171-6171, Tract950600:4025-4025,4029-4041,5010-5011,5016-5033,5199
Last Mile Service Area Name: Clayton
Community Name: Clayton, NM
Rural Classification of the Community: Rural
BIP – Service Status:

BIP - If Service Status is "Underserved" please select at least one applicable option from this list.

BTOP - Service Status: Underserved

BTOP - If Service Status is "Underserved" please select at least one applicable option from this list.
The rate of broadband subscribership for the proposed funded service area is 40% of households or less.

Total Square Miles of Service Area: 5
Total Population : 2,524
Total Number of Households: 1,289
Total Number of Businesses: 69
Total Number of Critical Community Facilities, Anchor Institutions and Public Safety Entities:



**Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)**

Submitted Date: 8/18/2009 8:55:10 PM	Easygrants ID: 587
Funding Opportunity: Broadband Initiatives Program and Broadband Technology Opportunities Program	Applicant Organization: ENMR Telephone Cooperative, Inc. dba ENMR-Plateau
Task: Submit Application - Infrastructure Programs	Applicant Name: Mr. Buddy Vaughan

N. Uploads

In order to improve system performance and help ensure that all applicants are able to complete their applications by the deadline, we have changed the way your application PDF is created. This PDF contains all of the information you entered throughout the Easygrants data entry screens. PDF copies of all documents that have been uploaded can be viewed and printed separately from the **Main page of the application after you submit**. These will continue to be available to you in read-only format after your application has been submitted.