

**REDACTED**

## EXECUTIVE SUMMARY—BROADBAND INFRASTRUCTURE

Spruce Knob Seneca Rocks Telephone, Inc. (SKSRT) seeks to provide fiber optic capacity to northern Pocahontas and the eastern Pendleton Counties, WV to provide high speed broadband services.

a) *Opportunity the proposed system seeks to address.*

Rural residents in Pocahontas and Pendleton Counties, West Virginia seek high quality and more affordable broadband services. Current service consists primarily of DSL offerings in a limited areas in Franklin and Green Bank/Arbovale, WV, [REDACTED]. The proposed fiber system will offer the first true broadband service to many residents, and a competitive alternative to other residents and businesses. It also will offer distribution system for the first wireless offering in parts of Pendleton County that SKSRT seeks to provide through a separate Sustainable Broadband Adoption application.

b) *General description of proposed funded service areas (location, number of communities).*

In Pendleton County the system will include Franklin, Upper Tract, Brandywine and Sugar Grove, as well as the major highway corridors including US 220, US 33. In Pocahontas County there are Cass and Green Bank, as well as residents and businesses along the corridor made up of US 250/Route 28.

c) *Number of households and businesses passed.*

There are [REDACTED] households in the portions of Pendleton and Pocahontas Counties that SKSRT proposes to serve. There are over [REDACTED] businesses in the service area.

c) *Number of community anchor institutions, public safety entities, critical community organizations passed.*

There are over [REDACTED] community anchor institutions, public safety entities and other critical community organizations passed.

d) *Proposed services and applications for the proposed funded service areas and users.*

Broadband internet access, voice telecommunications, video services, messaging, and integration with wireless services.

e) *Approach to addressing the non-discrimination and interconnection obligations.*

For the proposed new fiber facilities, SKSRT adopts the following nondiscrimination and interconnection policies: i) it commits to adhere to the principles contained in the FCC's Internet Policy Statement; ii) it will not favor any lawful Internet applications and content over others; iii) it will display any network management policies in a prominent location on the service provider's web page and provide notice to customers of changes; [SKSRT may employ generally accepted technical measures to provide acceptable service levels to all customers, such as caching and application-neutral bandwidth allocation, as well as measure to address spam, denial of service attacks, illegal content and harmful activities. iv) connect to the public Internet directly or indirectly—the network will not be a private closed network; and v) will offer interconnection, where technically feasible without exceeding current or reasonably anticipated capacity limitations, on reasonable rates and terms to be negotiated with requesting parties. All requirements shall be subject to the needs of law enforcement and reasonable network management.

*f) Type of broadband system that will be deployed (network type and technology standard)*

The network to be deployed is a Gigabit Passive Optical Network that is a standards compliant (ITU G.984) Full Service Access Network (FSAN). This FTTP network is capable of 75 mbps downstream and 25 mbps up although practical speeds to the Internet will be closer to 20 mbps burst and 5 mbps sustained.

*g) Qualifications of applicant that demonstrate the ability to implement and operate a broadband infrastructure, and/or be a sustainable broadband services provider.*

SKSRT is well qualified to implement the project. It has provided quality telephone services to residents and businesses in Pendleton County since 1977. It currently is deploying an ambitious fiber-to-the-home project in its Pendleton County service territory by an RUS loan. It is working with engineers, consultants and regulatory experts that this application documents are extremely experienced in installing fiber optic networks and have worked with several other major telecommunications carriers.

*h) Overall infrastructure cost of the broadband system*

\$7,347,200.

*i) Overall expected subscriber projections for the project*

1<sup>st</sup> year projections [REDACTED]. 5<sup>th</sup> year projection [REDACTED].

*j) Number of jobs estimated to be created or saved as a result of this offering.*

This project is estimated to create at least five jobs in the implementation phase and at least three full time employees in the operational phase, with additional assistance of 3 – 5 outside consultants and subject matter experts.