**Applicant Name:** FOXCORE COMMUNICATIONS CORPORATION

**Project Title:** Affordable Implementation of Fiber Optic Technology to Rural and Non-Rural Areas

**Project Type:** Comprehensive Community Infrastructure

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**Executive Summary**

Foxcore Communications Corporation has a goal to provide advanced communications to the state of Colorado and eventually beyond. Our company's mission is to develop a fiber optics network that will offer services like internet, voice over IP and high definition television that far outpace anything that is being offered today. Our fiber network will allow us not only us, but our customers to communicate on a much faster and efficient level than was ever imaginable before. With speeds eventually approaching 100 gigabits per second, it will allow massive amounts of data to be transferred over relatively long or short distances in a matter of moments, transforming business today as we know it. Through the partnerships we create with the local, state and federal governments as well as communities, we will be able to offer a technology that will enhance and enrich the lives of those who use it. Digital service lines (DSL) is an outdated technology and their providers (i.e. Comcast and Qwest) realize this as well. With speeds barely approaching 4 megabytes per second, it is inefficient and outdated. Fiber optic technology however is barely out of its infancy. There are tests being done right now that have pushed the limits of fiber technology producing 37.5 petabits per second. Fiber optics answers the inefficiency of DSL by providing speeds that are nowhere near attainable with current DSL infrastructure and technology. Fiber optics also puts our country on the map as far as technology is concerned since Korea has been using this technology for years. Right now, our company is looking to grow its infrastructure east to Fort Morgan/Sterling and southwest to Highlands Ranch/Littleton. Easily with these two communities we give ourselves two distinctly different and needy customers that will benefit from our services. The eastern plains will allow us to connect communities that were not previously connected or had spotty coverage, allowing us to take advantage of customers that previously may have not been a concern for DSL providers. The southwest corridor will allow us to integrate both businesses and residential areas, since this area of Jefferson County is one of the highest populated areas in the entire state. This will help our product spread like wildfire throughout the state as soon as people realize the advantages we have to offer. Out east we look to cover about 12 communities and southwest we look to cover roughly 65 communities. We anticipate passing roughly 1,200,000 businesses and households both in both rural and non-rural areas. While our main target to begin with will be residential and businesses, there are some community anchors we would like to target, such as private colleges, community centers, etc. As of yet, we have no specific anchors that we have mutual agreements with, but have plans to reach out to the YMCA, Boys Scouts of America and colleges like Augustine Institute, the Denver Music Institute and Kunsberg-Jewish Medical School. We have also identified Bonfils Blood Center and senior centers as possible partnerships. The products we are looking to provide include high speed internet at varying speeds (depending on price plan), voice over internet protocol and high definition television. Our
products will be used to connect areas that do not have service (i.e. out east) and provide television service to areas that are forced into one option. Our television service will be high definition based on the concept seen with Microsoft’s Media Room. Television will be offered with many different channels and the ability to pause and play live television. There will also be increased functionality to control these same functions in every room of the house at the same time. The voice over internet protocol or VOIP will be a simple landline based telephone service offered at an additional cost. The internet service will be offered in many different formats and speeds for different customers, such as residential and business customers. We will offer more than one line where necessary and dedicated lines for certain high demand business customers. Since we will be a member of the CLEC or competitive local exchange carriers, we will be required to allow use of our line to others for a fee. This will not be an issue until our network expands, since based on scope our service area will be small and specific. Since the government is providing us with funds to start our network, we will be required to work with other carriers. Many smaller carriers participating in this government program will be provided with reduced prices through us to utilize our network as their default upstream provider. Many of us that have already been brought on board for this project have experience in the communication industry along with degrees or are pursuing degrees in business administration. Some come from backgrounds working with regional internet service providers along with hosting companies while others come from Fortune 500 companies. With the talent that have started this company, Foxcore Communications has a bright future and hopes to soon grow to a successful regional internet service provider spreading to other states. If an area is not yet covered by the founders of the company, Foxcore Communications will be creating new jobs requiring talented personnel from the communications industry. We expect to create many new jobs as a result of this project. In the first year to eighteen months alone we hope to have roughly 50 people working for us and from 24 to 36 months we hope to more than double that to 150 and service most of the Denver metro area. As Foxcore Communication expands, many more jobs will be created and within 5 years, we hope to expand outside of Colorado creating more jobs both in state and out of state.