

Opportunities the Proposed System Seeks to Address

Sunman Telecommunications Corporation's 700MHz Broadband Wireless Access (BWA) project based on fixed WiMAX technology will provide broadband services to households, businesses, and key community organizations that are currently underserved. These broadband services will create the potential for increased business growth, public services, public safety, and quality of life for the residents located in Decatur, Jefferson, Jennings, Ohio, Ripley, Scott, and Switzerland Counties in Indiana called CMA 411.

A General Description of the Proposed Funded Service Areas

The proposed project will provide broadband services to the following service area:

Southeastern Indiana Population: [REDACTED] Status: [REDACTED]

Number of Households and Businesses Passed

The following is a summary of the number of households and businesses passed by the proposed project. With funding for this project, Sunman Telecommunications Corporation will be able to provide broadband services to all of these households and businesses.

Household Quantity Passed: [REDACTED]
Business Quantity Passed: [REDACTED]

The business locations quantities utilized throughout the application are based on Sunman Telecommunications Corporation's market research for the proposed serving areas.

Number of Community Anchor Institutions, Public Safety Entities, and Critical Community Organizations Passed and/or Involved with Project

Sunman Telecommunications Corporation's 700MHz BWA project will pass [REDACTED] strategic institutions including community anchor institutions, public safety entities, and critical community organizations. Through the broadband services and enhanced communications capabilities, the 700MHz BWA project will greatly improve the ability of these key community organizations to provide public services.

Proposed Services and Applications for the Proposed Funded Service Areas and Users

BWA technology over 700MHz spectrum will enable the company the ability to offer a variety of communications and entertainment services, including interactive two-way broadband services, digital multimedia and VoIP. Sunman Telecommunications Corporation will not only be able to provide the broadband data and multimedia services that residents, businesses, and public institutions want today, but also will create a system that can be upgraded in the future as the end user's needs evolve.

Approach to Addressing the Non-discrimination and Interconnection Obligations

The network will be available to any and all end-users that subscribe to the service(s) provided by the service provider, assuming that they are in good standing. The proposed network will not discriminate any lawful Internet applications or content. The proposed network will not be a private network from the standpoint that it will be utilized by the end users and the World Wide Web.

Type of Broadband System that will be Deployed

Sunman Telecommunications Corporation is proposing to construct a 700MHz Broadband Wireless Access network infrastructure based on [REDACTED]. The broadband wireless network architecture would provide the customers of Sunman Telecommunications Corporation access to broadband data services, voice and multimedia over one unified access technology. It is Sunman Telecommunications Corporation's intent to deliver the highest quality, broadest range of telecommunications services that are available today, and the maximum bandwidth to their subscribers. Services that will be available include high-speed Internet access, digital multimedia, and voice telephone services. Sunman Telecommunications Corporation also proposes to provide fiber optic connectivity to all planned wireless base station sites to ensure that sufficient backhaul capabilities are in place to deliver the highest possible bandwidth to the end subscribers.

Qualifications of the Applicant that Demonstrate the Ability to Implement and Operate a Broadband Infrastructure, and/or be a Sustainable Broadband Services Provider

Sunman Telecommunications Corporation has a proven reputation of deploying applications that can reduce operating costs, increase services, improve customer satisfaction and increase revenue generation. Sunman Telecommunications Corporation has provided telecommunications services to the communities of Napoleon, St. Leon, and Sunman in Indiana, for over 75 years and is headquartered in Sunman, Indiana. Sunman Telecommunications Corporation is led by experienced key staff that can manage their established organization to successfully implement and operate the proposed broadband infrastructure. Key information demonstrating the qualifications of Sunman Telecommunications Corporation has been included in the application.

Overall Infrastructure Cost of the Broadband System

The overall infrastructure cost of the broadband system is \$11,389,222.

Overall Expected subscriber Projections for the Project

The following is a summary of the five year broadband subscriber projections.



Number of Jobs Estimated to be Created or Saved as a Result of this Project

The 700MHZ BWA project is estimated to create and save a significant number of jobs. These include jobs required for the construction of tower sites, the outside plant network and installation of the network electronics. These jobs have been estimated based on the requirements of the project scope. Additionally, the broadband services will provide an opportunity for business and organizations to grow within the funded service area

The 700MHZ BWA project construction is estimated to require [REDACTED] man-days. Additionally Sunman Telecommunications Corporation anticipates that the project will foster job growth in the proposed serving area in rural Indiana. This number of man-day work requirements and the potential for job growth will have a great economical impact to this rural area.