Broadband USA Applications Database

Applicant Name: COFFEYVILLE, CITY OF

Project Title: Wireless Broadband for Coffeyville

Project Type: Comprehensive Community Infrastructure

_______________________Executive Summary_______________________

The goal of this project is to provide wireless broadband to the entire city of Coffeyville. Coffeyville is a rural city in SE Kansas with a population of less than 11,000. We have roughly 4492 homes and 20 anchor institutions and over 900 small/large businesses. Coffeyville has a rich history and a promising future. Amazon.com has one of it's largest distribution centers based here. We also have a large oil refinery along with a John Deere plant and ACME foundry. In 2007, Coffeyville had a major flood on the east side of town. Over 350 homes were destroyed and many families were forced to move away. Coffeyville needs something that will help it stand apart from other communities. We feel that being a wireless community will put us on the map. It will help our police officers out in the field by allowing them real time access to their data. Our Firefighters would benefit by being able to update their fire databases or researching hazardous materials right on site. Our local community college and school district could benefit as well. They are all connected via fiber to City Hall. We would be able to extend their networks out farther allowing them to provide wireless access for the students. In addition, sometime in the near future, we're going to be looking at smart metering for our electric and water utilities. Having this system in place would allow us to make that transition more seamless. As an added benefit, the system would also allow our citizens access to internet anywhere in town. We'd be able to offer a low cost solution alternative to them while also serving our other public entities. Our estimate is that we have over 500 subscribers the first year and possibly 3000-4000 by year 3. The cost of the system would be close to $300,000. It's a project we've been wanting to do for a while but have not really had the funding to do it right. We believe that we have the qualifications for this project as we are already a wireless ISP for areas outside the city limits. By creating a network in town, we create opportunities to help more businesses, residents, and community organizations. We'd also hope to hire 1-2 more staff to help with the installation and maintenance of the network.