Applicant Name: AMMON, CITY OF

Project Title: Ammon Fiber Optic Network

Project Type: Comprehensive Community Infrastructure

Executive Summary

This project seeks to address the need Ammon community anchor institutions and businesses have for improved bandwidth and services at competitive prices. The coverage area includes all premises located within Ammon city limits and is expected to expand beyond those boundaries in the future based on demand. The number of households passed by the project is 3920. The number of businesses passed is 380. There are also 8 public schools, 2 charter schools and 5 cell towers. The schools and cell towers have already requested service pending grant funding. Other community anchor institutions involved with the project include the Ammon Public Works Department, including streets, sewer and water, as well as the Ammon Fire Department and Bonneville County Sheriff's Department. Currently the services expected to be implemented at network start up are private networks for the anchor institutions, schools and businesses. However, care has been taken with the network design to support any and all IP services and to provide any service provider with the ability to prove service. As the facilities owner, the City of Ammon will be a transport provider only. This model requires an open network policy that includes nondiscrimination and interconnection to be successful. Our customers will be the service providers and we will sell bandwidth. Therefore, our goal is to support any and all services no matter how innovative or unexpected. The broadband system to be deployed is metro Ethernet using fiber as the media. The City of Ammon currently operates its own corporate Ethernet, even to separate facilities through the use of ISP connections using VPNs and SSL. However, our goal is to establish a carrier grade network and we recognize that this requires additional skills, and we intend to obtain those skills through contracting or additional full time employees. The overall infrastructure cost of the system is $8,149,652. The overall expected subscriber base for the project is expected to be over 3500 at some point in the future, but at the time of project completion will likely be only the anchor institutions of the City of Ammon, School District 93, Bonneville County and Syringa Networks. By using the simple rule that $92,000 in government spending creates a job year, it is projected the there will be 30 direct and 27 indirect jobs created or saved as a result of this project.