Executive Summary

Opportunity: The proposed systems seeks to provide low cost access to broadband services to underserved and unserved portions of the State of Nevada. The capital cost for deployment of the system is within the bottom range for deployment of such services in the Continental United States. Total project cost is $540,000 out of which $143,000 in equity is being put up by Satview Broadband Ltd. The financial documentation attached shows a profitable project.

General Description:
The funded service area consists of 3 communities in the State of Nevada. The communities are as follows:


The services offered will be up to 20 MBPS. This speed will allow the end user to have the bandwidth required for medical, business, education and critical first responder needs. The applications for the system will include distance learning and access to high speed internet thus enabling the transfer of large files and critical information.

Non-Discrimination and interconnection obligations: Under the proposed plan, Satview will abide by the Nondiscrimination and Interconnection Obligations outlined in the NOFA and will not discriminate as to service providers using the existing infrastructure. A reasonable service charge will be levied for users, thus other providers will allowed to use the infrastructure to provide other services on the network. Interconnection will be allowed through the fiber optic lines owned by Satview in Topaz. At Wells and Jackpot, Coaxial cable will be allowed to be used.

Type of Broadband System:
A hybrid Fiber/Coax system will be used in Topaz, while Coaxial system will be used in both Jackpot and Wells. All three areas will have a two way 750 Mhz plant. Inside plant equipment will use Docsis 2.0 for the CMTS and routers. Customer premise equipment will use Docsis 2.0 modems.

Qualifications of Applicant:
Satview Broadband is a cable television company that has provided service to rural areas since 2003. Since 2008, Satview has built and operated a two way Fiber/Coax plant in the Topaz area, providing high speed internet to areas which did not have any service. The plant was designed and built by Satview. Thus the applicant has shown that it can built and operate a hybrid system.

Infrastructure Costs:
- Jackpot, Nevada Infrastructure cost: $97,000
- Wells, Nevada Infrastructure cost: $40,000
cost: $120,000 Topaz, Nevada Infrastructure cost: $323,000 Total infrastructure cost: $540,000 Satview Broadband Ltd is putting up $143,000 in equity. Overall Expected Subscriber projections: We expect that we should have a penetration rate of 70% for broadband services in each of our service areas. Number of Jobs estimated to be created: Total number of jobs created by this infrastructure projects are as follows: Direct Jobs: Construction 4 Supervision and operations 3 Number of Jobs Saved: Supervision 2 Indirect Jobs: We cannot estimate the impact of this project on saving or creation of indirect jobs, however we assume that since we will be deploying the system, the effects would be felt in industries throughout the supply chain. Sales of new equipment Sales of fiber Transportation and shipping of equipment