TECHNICAL CAPABILITY STATEMENT

Experience

Pinpoint has previously, currently, and effectively implemented highly successful fiber overbuilds in several Nebraska communities. In 2009, Pinpoint deployed one of the first fiber-to-the-home projects in the state of Nebraska in Cambridge and Bartley. Pinpoint successfully completed 49 miles of fiber build for the CARES Act from Beaver City to Republican City, including the communities of Beaver City, Alma, and Republican City. In addition, Pinpoint over-built Oxford, Gothenburg, and Beatrice and is currently deploying fiber in McCook. At this time, we are building fiber in multiple locations, as a result of grant awards from the Nebraska Broadband Bridge Program and the Capital Projects Fund.

On a broader scale, Pinpoint has owned and operated fiber networks in both Arizona and Georgia. The experience of administering these FTTH enterprises has allowed us to understand and craft our operations around the requirements that come with constructing and managing businesses in larger markets.

Current Offerings

Pinpoint currently provides broadband speeds of 100/100 Mbps, in addition to our 1gig/1gig product tiers in all of its fiber markets.

Useful Life

The expected useful life of the fiber materials is roughly 30 years. Pinpoint uses industry-standard equipment to serve both GPON and XGS-PON technologies to its customers. Over time, these electronics and optics will need to be replaced. The industry generally says 7-10 years as a general rule of thumb on these pieces of the network. Our current network equipment vendors have remained consistent and we have been updating the card and optics as technology has improved. The equipment we are installing with these projects is state of the art and we believe will have an expected useful life well within industry standards.

Description of how the service area will be maintained

Our services are closely monitored for customers through audits of network operations. This project area will be treated in the same fashion. We have a 24/7 NOC that monitors the network on the technical side. The outside plant will be maintained by local technicians who will perform locating, servicing of the network, new installations etc. Pinpoint intends to hire staff to continue the maintenance of the network where we don't have existing staff.

In addition, customers who enroll in our Wi-Fi Maintenance program are able to be monitored 24/7 to ensure a proper level of service. Pinpoint takes great care in maintaining its fiber cabinets, pedestals, and any other network assets during daily operations.

Resilient and Sustainable

Pinpoint will be able to effectively market and gain subscribers through our competitive product offerings and history of customer service. Pinpoint has operations surrounding this project area and will be able to absorb these additional operations, in some cases adding employment where necessary. Pinpoint has a long history of fiber-to-the-home builds in a variety of markets, which will help support decision-making in keeping this project sustainable. Additionally, Pinpoint deploys its network in a ring topology so it is redundant for the services it provides.

Technical staff dedicated to serving the project

During the construction phase, we will have a dedicated construction team to build the project. Once the build is complete, the project will transition to an operational network. There will be at least one customer service representative and one outside plant technician dedicated to the majority of our service areas, though there are other employees who share in these responsibilities. In some cases, these representatives will help serve the new project areas that extend our current network footprint. In the event of multiple projects awarded, Pinpoint may look to employ additional technicians and customer service personnel where feasible.

Detailed description of network architecture

Pinpoint's network construction consists of an all-fiber network to the home or business. Aside from the fiber components placed in the ground or on poles, Pinpoint uses industry-standard equipment to serve both GPON and XGS-PON technologies to its customers. These components allow for multi-gig services to be deployed.

The specifications of this particular project are covered in the Business Plan section of this Application.

Other relevant technical expertise

Pinpoint has a wide breadth of experience in fiber-to-the-home, including engineering, construction, operations, and provisioning. Pinpoint has proven successful for many years. We continue to expand on this expertise and deliver high-quality networks throughout Nebraska.

Cybersecurity Measures

Pinpoint takes reasonable cybersecurity measures, including the implementation of a NIST-compliant Cyber Risk Management Plan.