



MiBroadband, LLC Executive Project Summary

This project is for a Fiber to the Premises network to be built and operated by MiBroadband LLC. The network would cover rural areas in Howard and Winneshiek Counties including the town of Florenceville. This would provide high speed fiber optic broadband up to 10Gbps symmetrical to approximately 32 homes and 4 businesses.

The project will utilize existing and new MiBroadband owned middle mile fiber and electronics locations in the area. The build will utilize an XGSPON network design and offer speeds up to 10G symmetrical. MiBroadband has identified this area as an unserved area near other projects they are currently building and have been planning a new network in this area. Grant funds would greatly accelerate this project as the funds would allow them to expand their build plans for 2021. MiBroadband has worked with Finley Engineering to develop high level designs and budgets, and to author the application. They will continue to work with Finley for environmental filings, detailed design/staking, permitting, and construction management. Once the project is complete, they will operate this network in conjunction with their other FTTP customers. MiBroadband, LLC is a partnership between MiEnergy Cooperative, Mabel Cooperative Telephone Company and Spring Grove Communications. The company was formed to utilize infrastructure built by MiEnergy for utility needs to bring broadband service to areas currently unserved or underserved. MiBroadband began operations on October 31, 2018. In addition to their partnership in MiBroadband, MiEnergy Cooperative, Mabel Cooperative Telephone Company and Spring Grove Communications also have ownership in MSG Tel, Inc. which is the parent company to Harmony Telephone Company. These companies have managed fiber networks in the area for many years and are well versed in providing voice and broadband services. MiBroadband is confident that they can meet the service milestones of completion by December 1, 2021.

MiBroadband is set up for success for this project with the back office equipment necessary (routers, ISP capabilities, billing, etc.) as well as middle mile network in place to support the buildout and operation of a network in this community. However, without the grant funds it would not be financially feasible for them to provide service to everyone or it may take longer to build out to their customers. If MiBroadband is awarded a grant, company funds are available and have been set aside for this project. Additionally, they have completed preliminary design and staking for this project. They have lined up contractors and materials to begin work on the project and would be ready to immediately break



ground on the project were funds to be awarded. This is truly a shovel ready project that would not be possible to complete at this size and scope without funding from this grant.

Access to high-speed broadband would improve the quality of life in several different ways. It would provide new growth opportunities for businesses, allowing them to do business on a larger scale, as well as contributing greatly to helping maintain existing businesses. New businesses are attracted to areas that have access to high-speed internet, which allows for increased efficiency. Better broadband would also allow more access to healthcare, education, and employment via telecommuting. Higher education via distance learning would also become a better option with improved broadband. Residents will also enjoy more entertainment opportunities, better access to financial management tools, and social media. Using these tools has become increasingly important in rural areas because it reduces the need to travel, saving customers time and money. Broadband has proven world-wide how it can create changes in nearly every aspect of life, and they recognize how this communications tool can impact every person and organization once it is implemented.