

Attachment E – Experience providing Broadband – Technical Capability Statement

ATC Communications has been providing telecommunications services since 1904. Through the years, ATC has deployed numerous advancements in technology to our customers. Initial broadband internet service offerings were a part of a fixed wireless build out that began in 2000. Shortly thereafter, ATC began deploying DSL, cable broadband, and fiber to the premise services. We have utilized many technologies for backhaul and interconnection which include point to point microwave, copper, and fiber. To date, we are serving approximately 3,000 customers throughout 40 rural communities in Nebraska with voice, broadband internet access, and video services.

ATC currently supplies broadband service at 100 Mbps Download and 100 Mbps Upload or greater to six communities in Nebraska over existing optical networks. The density of ATC's fiber to the premise offerings is being expanded weekly with active construction projects. This experience in network deployment will be leveraged to complete the build out of the project area. ATC bases these assertions on historical data gained over twenty years of building, owning, and maintaining an existing broadband network infrastructure. Our company retains accurate information about subscription counts, available network resources, and latency on an individual platform basis. Best practice policies are implemented to prevent over utilization and create benchmark criteria to indicate where reinvestment or upgrades are required. These policies are based on engineering specifications, periodic maintenance, and testing of infrastructure. ATC employs eight full-time field technicians. Three of the field technicians specialize in cable construction and repair. Five combo technicians perform installations, minor cable repairs, electronic and infrastructure maintenance, and interact with our customers daily to maintain a dynamic market of ever-changing needs. Network management systems actively monitor for performance degrading hardware errors, utilization trends, and quality of experience metrics and are reviewed by NOC technicians. At our headquarters, ATC employs four lead technical staff who specialize in various technologies. These specializations include CCNA Cisco routing certified, CECP (Carrier Ethernet Certified Professional) specializing in data transport technologies (PBB, MPLS, ETC), Legacy Voice and VOIP certifications, RF and 3GPP certification, and degrees in electrical engineering, telecom engineering, and network management. Three to four helpdesk agents are available during business hours for troubleshooting and resolving individual customer concerns. The network team and helpdesk continually monitor, adapt, and optimize the broadband network to provide our customers with the best service possible. After-hours support is available to all ATC subscribers and 24/7/365 on-call technicians work to monitor, maintain, and/or repair the network continually.