

Applicant: Consolidated Telephone Company (“Consolidated”)

Project: Thedford

Attachment: E – Technical Capability Statement

EXPERIENCE PROVIDING BROADBAND

- Consolidated has been constructing and operating FTTP facilities in our service area since 2003.
- Consolidated has deployed 1633 miles of local fiber in its service areas.
- Consolidated currently offers up to 500/500 Mbps service to customers served with fiber.

RESILIENCE AND SUSTAINABILITY

- Consolidated has a resilient network: self-healing transport ring, multiple points of interconnection with dual internet backbone paths to Chicago and Denver.
- FTTP networks are resilient, sustainable and efficient. Future upgrades are implemented cost effectively by changing electronics while preserving a much larger fiber investment.
- Adtran, Inc. equipment will be used for this FTTP project. Consolidated has deployed and operated Adtran network and FTTP products over the past eighteen years and has expertise with Adtran’s local access and transport platforms.
- Consolidated’s interoffice backhaul network utilizes both Adtran and Ciena equipment.
- Adtran FTTP equipment will interface seamlessly with all components in Consolidated’s network.

TECHNICAL STAFF

- Consolidated has twelve (12) Plant Technicians, four (4) Network Specialists, fourteen (14) Construction Team Members and two (2) Technical Managers living and working in the area we serve. This technical staff will be dedicated to operating and maintaining Consolidated’s network, including this project area. Consolidated has employed technical staff in its communities for decades and is committed to keeping people and other resources in place to maintain service throughout the useful life of the facilities.

OTHER RELEVANT TECHNICAL EXPERIENCE

- Technical Staff:
 - 300 years of combined experience and,
 - Average of 15 years’ experience.