

Attachment A

Borg Family Farms

The Borg Family Farms are a 160-acre 5th generation family owned and operated farm. Producing soybean and corn products, as well as chicken and beef products. Operated and managed by Debbie and Terry Borg. The facility continues to struggle in receiving adequate internet access and has resorted to satellite internet.

Ethos Connected

Ethos Connected solutions allow for the collection of data that was once considered impossible--data that's vital for helping industries, communities and agencies optimize their capacity to work smarter and more efficiently. Our data collection tools are revolutionizing how we use our resources--whether it be water, soil, food, energy, or human labor. We're working with organizations of all kinds to usher in a new era of efficiency. Our cutting-edge network creates economic opportunities never seen before. We're connecting locations that were once deemed unreachable and giving industries unprecedented opportunities to innovate and improve productivity.

By providing a reliable fixed wireless internet service as well as LoRa Wan reporting technology network, Borg Farms will be able to access new technology to ensure that the farm can compete in today's ever evolving markets. Internet access of 100/100 speeds and nitrate reporting sensors.

Timeline

6\1\24 – 12\31\24 – secure tower access for radio placement and back haul pathways

1\1\25 – 2\28\25 – radio placement and sensor placement on site

3\1\25-5\1\25 – testing and certification for turnover

Sustainability

Due to its topography, progressive management of natural resources, and productive acres, Nebraska has the opportunity to lead all states and nations in carbon sequestration and carbon markets. This cannot be accomplished without the adoption of IoT (Internet of Things) and broadband connectivity to farm operations and structures. Likewise, Nebraska's livestock producers stand to gain substantial returns by leveraging verified data of on-farm practices to market their products at a premium, should they choose. The objective of data-backed and data-proven sustainability is to drive value premiums from consumers back to our producers - Nebraska's farmers and ranchers. While many studies show that sustainable practices will ultimately command up to a 40% premium in the market, the producer can oftentimes expect to realize up to a 10% premium over traditional practices.

Beef Production • 2019 Cash Receipts: \$10.6 billion • 2019 Cash Receipts with 9.4% Premium Applied: \$11.69 billion • Annual Increase: \$1 billion • Increase marketability to trade partners: water sustainability, carbon footprint, animal welfare labels.

Corn Production • 2019 Cash Receipts: \$6.7 billion • 2019 Cash Receipts with 9.5% Premium Applied: \$7.35 billion • Annual Increase: \$650 million • Increase marketability for ethanol producers, sustainable jet fuel: water sustainability, nitrate management, carbon footprint.

Additional Benefits of Precision Agriculture Technology Adoption² • Reduce fuel consumption by 40%, • Reduce water consumption 20-50%, • Reduce chemical applications up to 80%