

**PRO- AG
Attachment A
Business Plan**

Executive Summary:

BossAerial Technology recognizes that technology and precision application are integral to the future of the agricultural industry. Our passion lies in providing these cutting-edge solutions to local producers. Offering drone application services and camera imagery, we have seen increasing demand for our services. Last year alone, we treated over 4000 acres of crop ground with fertilizer, pesticides, and cover crops.. With the support of this grant, we aim to expand our reach to treat 6,000 acres of crop ground and 1,000 acres of pasture ground. This grant will effectively double our operational capacity, allowing us to meet the growing demand for precision agriculture services in the region.

Project Proposal:

The addition of an extra T40 drone in 2024 promises to be a game-changer, effectively doubling the acres covered by our operations. With this expanded fleet, we can significantly increase our efficiency and capacity to provide precision agriculture services. By leveraging the capabilities of two drones simultaneously, we can cover larger areas of crop ground and pasture land, meeting the growing demand for our services in the region. This investment not only enhances our operational capabilities but also reinforces our commitment to delivering top-tier agricultural solutions to our clients. With the additional T40 drone on board, we are poised to make substantial strides in advancing sustainable farming practices and promoting economic growth in our community. I will be able to hire an additional operator for the summer to help the local economy as well.

Timeline:

The timeline outlined below corresponds to the reception of the grant, with "Day 1" signifying the day following notification of BossAerial's grant approval. Furthermore, given that all requisite legal permits and

certificates have been secured, the timeline is streamlined to facilitate project implementation and execution.

Day 1: Get the match funding for the project.

Day 2: Order a T40 Drones from Voliant Drones in Nebraska.

Day 10:

1. start registering them to the FAA, and Nebraska Department of Agriculture.
2. Get spare parts to have on hand to put the drone into action.

Sustainability:

Boss Aerial is dedicated to ensuring that all permits and licenses required to operate our drones are kept up-to-date over the next five years. We understand the importance of compliance with regulations and guidelines governing drone operations, and we are committed to maintaining our legal obligations. By regularly monitoring permit expirations and staying informed about any changes in regulations, we will ensure uninterrupted operation of our drone fleet. Our proactive approach to regulatory compliance not only safeguards our operations but also demonstrates our commitment to safety and professionalism in all aspects of our business.

Budget

Cost

2 DJI Drones with Batteries, Spreaders, and accessory for agriculture application -	32,500	
Generators for batteries		1,100
Plumbing for application		350

Total- 33,950

Funding	
Pro Ag Grant - 55 % of the Drone cost	25493
BossAerial	8,500
Total-	33,993

Financial Projects

Expanding our coverage by an additional 2,000 acres presents a significant opportunity for increased revenue. With this expanded acreage, we anticipate generating an additional \$24,000 in revenue within the first year alone. Over the course of five years, this growth trajectory is projected to yield a substantial sum of \$125,000 in additional revenue. This expansion not only enhances our financial outlook but also strengthens our position in the market, allowing us to better serve our clients and contribute to the growth and sustainability of our business. By strategically leveraging this increased coverage, we aim to maximize our revenue potential and achieve long-term success in the agricultural industry.

Cost benefit analysis:

This grant presents a transformative opportunity for BossAerial to double its production while simultaneously reducing input costs by 50 percent. By leveraging the resources provided by the grant, BossAerial can invest in innovative technologies and sustainable practices that enhance efficiency and productivity. This grant enables BossAerial to optimize resource allocation and minimize waste, thereby

lowering input costs significantly. With the increased production capacity and streamlined operational expenses, BossAerial anticipates turning a profit within the first year of implementing these changes. This grant not only fosters immediate financial viability but also positions BossAerial for long-term success and sustainability in the agricultural industry.