

Devices and Technology Subprogram Project Budget Template

Applicant Name:	Lyle Jakub (Jakub Brothers Farms LLC)
Project Name:	MixMate Integration Project
Date:	12/17/24

1. Project Budget Summary

Category	Total Cost
Traceability Solutions	\$ 51,400.00
Soil Health Products	\$ 0.00
Water Management Tools/Sensors	\$ 0.00
Autonomous Solutions	\$ 0.00
Installation and Integration	\$ 2,714.00
TOTAL PROJECT COST	\$ 54,114.00

2. Detailed Budget Breakdown

Category	Item/Description	Cost Per Unit	Quantity	Total Cost
Traceability Solutions	Mixmate Fusion Automated Mixing System	\$ 51400.00	1	\$ 51,400.00
Installation and Integration	3" Wet Seal Pump with GX390Honda Engine	\$ 1680.00	1	\$ 1,680.00
Installation and Integration	2" High-Flo Pump with GX160 Honda Engine	\$ 1034.00	1	\$ 1,034.00
		\$		\$ 0.00
		\$		\$ 0.00
		\$		\$ 0.00
		\$		\$ 0.00
		\$		\$ 0.00
		\$		\$ 0.00
		\$		\$ 0.00
		\$		\$ 0.00
		\$		\$ 0.00
Total				\$ 54,114.00

3. Contribution Summary

Item	Amount	Documentation Attached (Y/N)
Total Project Cost	\$ 54,114.00	Yes
Less: Applicant Contribution	\$ 13,528.50	Yes
Less: Partner Contribution	\$ 0.00	No
PRO-AG Grant Request	\$ 40,585.50	

4. Additional Notes:

Applicant Contribution: Jakub Brothers Farms is contributing \$13,528.50, which is 25% of the total project cost, from its operating budget.

Timeline: The project will be completed within one year of the grant award. Upon grant approval in April 2025, the Mixmate system will be ordered immediately, with installation and initial deployment planned for April 2025. The system will be fully operational and used for post-chemical applications by mid-May 2025, with metrics and data collection beginning shortly thereafter.

Certification: I hereby certify that the budget outlined above accurately reflects the allowable costs and contributions for the proposed project and that all contributions will be used solely for allowable expenses as defined by the PRO-AG Program Guide.

Lyle Jakub

12/17/24

Printed Name of Authorized Person

Date

Manager

Title of Authorized Person

Signature of Authorized Person

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QUOTATION

WWW.AGSPRAY.COM

COLUMBUS, NE
 P: 402-564-4544
 F: 402-564-0549

QUOTE #

612560

	QUOTE DATE	EXP DATE	TERMS
	12/13/2024	1/12/2025	NET 30 DAYS

CUST #

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 JAKUB BROTHERS FARMS LLC
 3330 V RD

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 402-543-2449

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QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
	***** *** MIXMATE AUTOMATED CHEMICAL MIXING SYSTEM *** COMPLETE TURN-KEY SYSTEM MOUNTED TO STAINLESS STEEL SKID; PLUMBED UP AND READY TO MOUNT *** PUMPS MOUNTED TO SKID ** (1) AG SPRAY 3" WET SEAL CAST IRON PUMP WITH 13 HP HONDA ENGINE WITH ELECTRIC START ** (1) AG SPRAY 2" WET SEAL CAST IRON PUMP WITH 5.5 HP HONDA ENGINE WITH ELECTRIC START *** SYSTEM CONTAINS (1) VALVE STACK WITH (4) BULK INPUT VALVES AND (1) RINSE VALVE; ABILITY TO PULL FROM A 5TH BULK TANK COMES THROUGH FLOW SINGLE WITH ITS OWN INDIVIDUAL MAGMETER *** FUSION INDUCTOR TANK WITH LOAD CELLS TO ACCURATELY MEASURE DRY PRODUCTS AND JUGGED		

CONTINUED



QUOTATION

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COLUMBUS, NE
 P: 402-564-4544
 F: 402-564-0549

QUOTE #

612560

QUOTE DATE	EXP DATE	TERMS
12/13/2024	1/12/2025	NET 30 DAYS

CUST #

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QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
	PRODUCTS		
	*** AUTOMATED RECORD KEEPING MADE EASY THROUGH USE OF THE MIXMATE APP AND CLOUD DATA STORAGE		
	*** LEAD TIME: MID MARCH 2025		
1	5014018 K91014-AGSP 3" MIXMATE FUSION 5 PROD SKID W/MAG SINGLE-LES PMP 1.0	\$51400.000	\$51400.00
1	5281562 AS-300U-G13HES-KIT 3" AS WET SEAL W/GX390 HONDA ENGINE PUMP ASSY 2.0	\$1680.000	\$1680.00
1	5281561 AS-200U-G5.5H-KIT ASSY HIGH-FLO 2" SELF PRIME FLG GX160 HONDA 3.0	\$1034.000	\$1034.00
	** UPGRADE TO ELECTRIC START ENGINE		
	** (-1) 5152058		
	** (+1) GX160K1QXE2		
	SUB-TOTAL		54,114.00
	FREIGHT		.00
	SALES TAX		.00
	TOTAL		54,114.00