

**BID 2025-01 - Large Treatment Drone  
Bid Tally Sheet**

**Opening Date: 3/14/2025**

**Opened By: Atom Rosales**



**Opening Time: 8:30 AM**

<b>Bidding Company:</b>	<b>Target Specialty Products</b>		
Specification Descriptions	PV40X		
Declaration Statement	YES		
01 - Large Treatment Drone	\$30,512.00		
02 - Granular Payload System	\$3,825.00		
03 - 4 Pair of Batteries	\$6,177.12		
04 - Battery Charger	\$1,430.00		
05 - Ground Control System	\$7,575.00		
06 - Software License (if applicable)	\$0.00		
07 - Shipping/Freight	\$0.00		
Sub Total of Itemization:	\$49,519.12		
<b>TOTAL BID PRICE:</b>	<b>\$49,519.12</b>		

Specification Descriptions	Indicate Compliance YES NO		Deviation
Payload tank must be capable of a minimum volume capacity to load 40 lb. bag of low-density material such as corn cob granules without 3rd party modifications (i.e. both 40lbs. by weight AND the volume capacity to hold low bulk density materials)	YES		
UAS must abide by all security standards defined in 60GG-2.007, and critical components must not be manufactured in a “foreign country of concern”.	YES		
Capable of two payload system types to include: liquid and granular.	YES		
The ground control station must provide the user the ability to configure and store material specifications, including the name of the material, application rate, desired swath width, flight speed, altitude, rotating casting speed and flow rate.	YES		
Swath width for granular materials must be capable of 20-90 ft based on user selectable materials and documented using industry standard swath characterization methods published by ASTM.	YES		
UAS must have terrain-following and obstacle-avoidance capabilities.	YES		
Emergency return to home or mission abort must shut down spray system prior to executing an RTL as required by the Federal Aviation Administration.	YES		
<b>GCS (Ground Control Station) Software must be/have:</b>			
Create polygons, lines, paths or points; save, recall, delete each flight plan	YES		

Altitude settings must include a takeoff height for transitioning over or under obstructions and a spray altitude	YES		
Autogenerate spray flight lines and display all waypoints and flight lines in GCS	YES		
GCS must be able to be cache satellite imagery in case the operation is without internet access	YES		
Import shapefiles files to create treatment polygons	YES		
Ground Control Station and Sunlight readable display must be an all-in-one unit. No external laptop can be used	YES		
<b>Flight recordings; System must:</b>			
Create a shapefile that displays the area that was sprayed that includes the swath width applied	YES		
Create a shapefile that contains recorded point features with date, time, ground speed, heading, altitude and spray switch status on/off	YES		
<b>Built in Emergency Procedures; System must:</b>			
Execute an autonomous RTL (Return-To-Land) in the event there is lost communication between the Ground Control Station and the aircraft	YES		
Execute an autonomous RTL (Return-To-Land) when the aircraft battery reaches a low battery state	YES		
Provide the user the ability to execute a pilot induced RTL	YES		

**\*\* I hereby certify that all sealed bids received by the Collier Mosquito Control District remained unopened until all submissions were received. These bids were opened in the presence of the witness indicated below.**

Opened By:   
Witness:   
Date: 3/14/2025  
Time: 8:30am