



SAINT CHRISTOPHER AND NEVIS
MINISTRY OF AGRICULTURE, FISHERIES, AND MARINE RESOURCES

BUILDING #16
PORT ZANTE
BASSETERRE, ST KITTS

Tel: (869) 467-1016/1017
Fax: (869) 465-2635
E-mail: moa@gov.kn

Request for Quotations

Reference #: MOA025/2024

Date: May 1, 2024.

Quotation: Purchase of Agricultural Spraying Drone

The Government of St. Kitts and Nevis, through the Ministry of Agriculture, Fisheries, and Marine Resources, is pleased to submit a Request for Quotations for the Purchase of Agricultural Spraying Drone as per the specifications outlined below.

1. Descriptions: The description for this tender includes the purchase of the following agricultural spraying drone:

DJI Agras T50 - Drone

Spray System

- 10.5-gallon liquid tank designed to empty in under 3 minutes
- Estimated 36-foot swath with pattern consistency across the entire swath
- Up to four rotary style nozzles spray through centrifugal force rather than pressure, making adjusting droplet size as easy as clicking a button
- Magnetic drive impeller pump with up to 6.34 gal/min (4 nozzles) and 4.23 gal/min (2nozzles)
- Live level meter, in addition to on-board scales, provide readings of the remaining volume of liquid in tank signaling time remaining in field

Spreader System

- 19.8-gallon spreader tank designed to hold 110 lbs of granular material
- Get higher spreading efficiency with the spiral channel spinner disk
- A jam-free, high-torque spreading motor

Efficiency & Operations

- Improved terrain following ability with up to 50° in spraying/spreading missions.
- 2 sets of binocular vision
- 2 omnidirectional radars helping to achieve maximum efficiency terrain following and obstacle bypassing
- 12 mega-pixel camera with adjustable angles for a smooth and crisp view
- 4 aircraft image transmission antennas
- Complete mapping capability
- Whole field coverage - up to 50 acres per hour at 2 GPA
- Up to 5 gal/acre while still maintaining 32 ft/sec with a swath of 32 feet
- Ability to operate continuously with 3 batteries, 1 charger and a generator on site

2. Submission of Request:

Interested bidders are requested to submit their quotations in a sealed envelope, clearly marked with the tender reference number and the words "Purchase of Agricultural spraying drone". Bidders should submit to the following address on or before May 15, 2024, at 2:30 pm.

Ministry of Agriculture, Fisheries, and Marine Resources
Building #16, Port Zante
Basseterre, St. Kitts
Tel: (869) 467-1016/1017

Important Dates

Deadline for Submission of Request: **May 15, 2024.**



Miguel Flemming (Mr.)
Permanent Secretary

