



# STAFF REPORT

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**MEETING DATE:** November 18, 2024

**MEETING TYPE:** Regular Council meeting

**SUBMITTED BY:** Chief Perry

**AGENDA CAPTION:** [Drone Presentation] Presented by: [S. Perry Police Chief]

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## **Background Information**

On January 2, 2024, the Police department presented a request to council to purchase the LEMUR II drone to upgrade our current DJI Mavic Drone. The DJI Mavic drone does not have infrared capabilities and does not have any lighting or communications capabilities. The DJI Mavic drone is a multipurpose drone that anyone from the public can purchase from a local source.

During budget discussions the Police department requested the purchase of a new LEMUR II drone that is specific to Law Enforcement and is capable of flying indoors, outdoors, and capable of daytime and nighttime search operations, and is capable of remote two-way communications. The enhanced capabilities of this drone will help in the event of building searches, searches where communication needs to be established with a known suspect, can be flown indoors to search large warehouses more efficiently and keep officers safe when a known assailant is present. We reported that the LMEUR drone also has infrared capabilities for use during night search missions and meets all current FAA standards for remote ID.

Returned LEMUR II Drone due to drone was not capable of outdoor flight capabilities above 25 ft.

After reviewing several drones with indoor and outdoor capabilities, Police department staff will be moving forward with the DJI Matrice 30T drone for outdoor operations and the DJI Avata drone for indoor operations.

## **Budget Implications**

Operational Impact

Improve night flight operations

Improve search operations

Improve Officer Safety by utilizing a Drone for High Risks searches when applicable

**Legal Review**

N/A

**Staff Recommendation**

N/A

**Supporting Documentation and Attachments**

Fire cam quote

Lonestar drone quotes

Conway Shield quote

A&B consulting quote

Skydio quote