
**NEVADA COUNTY
SHERIFF'S OFFICE**



SHANNAN MOON
SHERIFF / CORONER
PUBLIC ADMINISTRATOR

NEVADA COUNTY BOARD OF SUPERVISORS
Board Agenda Memo

MEETING DATE: August 6, 2024

TO: Board of Supervisors

FROM: Shannan Moon, Sheriff-Coroner-Public Administrator

SUBJECT: Resolution authorizing the purchase of unmanned aerial system capital assets to be used in Sheriff operations to enhance public and officer safety, including but not limited to search and rescue activities, remote patrolling, critical investigations and special enforcement detail, in the amount of \$152,918.36 and shall be included in the approved AB 481 Military Equipment list.

RECOMMENDATION: Adopt the resolution.

FUNDING: The unmanned aerial system will be funded in part by Sheriff's Office Rural Counties funding (Fund 1171, \$62,918.36) and ARPA monies designated for the Sheriff Recreation Safety project (\$90,000) and will impact the Sheriff's Services budget. We currently anticipate sufficient budget in this budget unit, but a budget amendment may be included in a future countywide budget amendment if necessary. There is no impact to the General Fund.

BACKGROUND: The Sheriff's Office regularly relies on aerial reconnaissance during investigations, search and rescue activities, etc. This typically involves the use of helicopters or other manned aircraft, which can be costly, and/or reliance on mutual aid from other agencies, which can pose timing constraints due to availability, etc. The use of unmanned aerial systems, commonly known as drones, would provide much more flexibility in carrying out missions, at potentially significant cost savings over the long term. Drones are used regularly by law enforcement throughout the state of California. The Sheriff's Office believes that investment in this technology will be beneficial to the safety of the community as well as our peace officers.

The Sheriff's Office desires to purchase 4 Skydio X10 drones with the following attachments: spotlight, speaker/microphone, infrared light, and spare batteries from Axon Enterprises, Inc. The total estimated cost is \$152,918.36 for the drones and ancillary services and are summarized in Table

1 below. Funding will come from a combination of ARPA funds from the Sheriff's Office approved Outdoor Recreation Public Safety (OTHER09) project and Sheriff's Office Rural Counties funding (Fund 1171).

Table 1: Estimated Cost for 4 Skydio X10 Drones and Ancillary Services

Item	Units	Unit Cost	Total Est. Cost
Skydio X10 Drones with Attachments (inc. Sales Tax)	4	\$22,463.05	\$89,852.20
Software Licenses (36 Mos)	4	\$8,057.29	\$32,229.16
Drone Subtotal		\$30,520.34	\$122,081.36
Warranties (3 Yrs)	4	\$5,249.00	\$20,996.00
Onboarding & Training Serv			\$9,841.00
Total			\$152,918.36

This equipment is considered military grade equipment as defined in Government Code section 7070(c)(1) and therefore, the Sheriff's Office must seek Board of Supervisors approval before purchasing. If approved, this equipment will be added to the AB 481 military equipment list.

The Sheriff's Office requests approval to purchase this unmanned aerial system and designate as capital assets (4 drones, attachments and ancillary services) as well as to include in the AB 481 military equipment list, as this will provide the Sheriff's Office increased effectiveness, both in terms of use of personnel and costs, when conducting operations.

Initiated by: Sean Scales
Approved by: Shannan Moon