



Memorandum

TO: HONORABLE MAYOR
AND CITY COUNCIL

FROM: Robert Sapien, Jr.
Jim Shannon

SUBJECT: SEE BELOW

DATE: April 26, 2022

Approved

Date

4/29/2022

**SUBJECT: 2019 STATE HOMELAND SECURITY GRANT PROGRAM FUNDING TO
FIRE DEPARTMENT FOR UNMANNED AIRCRAFT SYSTEMS**

RECOMMENDATION

Adopt the following Appropriation Ordinance and Funding Sources Resolution Amendments in the General Fund:

- (a) Increase the estimate for Revenue from Federal Government by \$132,700; and
- (b) Establish the State Homeland Security Grant – Fire 2019 City-Wide Expenses appropriation to the Fire Department in the amount of \$132,700.

OUTCOME

The awarded amount of \$132,700 to the City of San José will provide funding for the Fire Department to purchase Unmanned Aircraft Systems (UAS) and associated equipment that will be assigned to the Fire Department's Special Operations of Urban Search & Rescue and Hazardous Incident Materials programs.

BACKGROUND

The Agreement between the County of Santa Clara and City of San José for the 2019 State Homeland Security Grant Program is led by the Police Department in coordination with the City Manager's Office. Included in the Agreement is Exhibit A – 2019 SHSGP Project Funding which provides specific awarded projects and amounts totaling \$302,700 for the Police and Fire Departments. The Fire Department's portion and awarded amount listed in Exhibit A is \$132,700 to purchase an UAS and associated equipment.

On October 20, 2020, the San José Police Department submitted a budget action through the 2019-2020 Annual Report for their 2019 SHSGP award. However, the Fire Department's awarded amount of \$132,700 could not be appropriated until CAL OES approved the San José

Fire Department's UAS Policy. Through coordinated efforts between the Fire Department, City Attorney's Office, County of Santa Clara Office of Emergency Services and California Office of Emergency Services, the Fire Department's UAS Policy was approved by CAL OES in mid-December 2021.

ANALYSIS

The Fire Department's Urban Search and Rescue and Hazardous Incident Team Special Operations programs seek to implement bold strategies that will bolster their operational abilities and further enhance ways to support life safety during natural disasters, terrorist attacks, mass casualty incidents, and hazardous materials events. Through the procurement of UAS, the ability of leveraging newer technology allows enhanced life-saving capabilities such as thermal imaging and stabilized zoom lenses backed up with the latest artificial intelligence software. With the use of these tools, the Fire Department will have the ability to rapidly assess large areas for victims and provide situational awareness for incident commanders. These devices can deploy immediate lifesaving equipment to stranded victims during rescue operations, further reduce injuries to fires, and allow incident commanders a way to monitor real-time rescue efforts and adjusted operational decisions.

CONCLUSION

Approval of this recommendation will provide the Fire Department with funding to enhance the Fire Department's Special Operations programs for both Urban Search and Rescue and Hazardous Incident Team during emergency response and rescue incidents.

EVALUATION AND FOLLOW-UP

This item does not require evaluation or follow-up although the City may be subject to an audit of records pertaining to this agreement by the County of Santa Clara or its representatives.

CLIMATE SMART SAN JOSE

The recommendation in this memorandum has no effect on Climate Smart San José energy, water, or mobility goals.

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PUBLIC OUTREACH

This memorandum will be posted on the City's Council Agenda website for the May 10, 2022 Council meeting.

COORDINATION

This memorandum was coordinated with the City Attorney's Office.

COMMISSION RECOMMENDATION/INPUT

No commission recommendation or input is associated with this action.

COST SUMMARY/IMPLICATIONS

The maximum financial obligation for all products or services provided under this Agreement shall not exceed \$132,700 for the term of the Agreement. The current term of the Agreement ends May 31, 2022. However, the Fire Department is in the process of submitting an extension request to the County of Santa Clara Office of Emergency Services to extend the performance end date to December 31, 2022 to provide time for purchasing process to be completed.

The recommended actions in this memorandum will recognize and appropriate the grant funding for the purchase of an UAS and associated equipment. The purchase of these devices will require ongoing costs for insurance, routine battery replacement, as well as device and software maintenance. Insurance costs estimated at \$1,125 per UAS includes liability and physical damage coverage for a standard UAS with insured value of \$2,500. Ongoing maintenance and operations expenses for the hardware and equipment are expected to be approximately \$500 annually. These ongoing costs will be considered for inclusion within the Fire Department's Base Budget beginning in 2023-2024.

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BUDGET REFERENCE


The table below identifies the fund and appropriations to recognize and appropriate the grant recommended as part of this memorandum.

Fund #	Appn #	Appn. Name	Current Total Appn	Rec. Budget Action	2021-2022 Adopted Operating Budget Page	Last Budget Action (Date, Ord. No.)*
001	R110	Revenue from Federal Government	\$9,815,785	\$132,700	N/A	04/05/22, Res No. 80448
001	NEW	State Homeland Security Grant – Fire 2019	N/A	\$132,700	N/A	N/A


CEQA

Not a Project, File No. PP17-003, Agreements/Contracts (New or Amended) resulting in no physical changes to the environment.

/s/
ROBERT SAPIEN, JR.
Fire Chief


JIM SHANNON
Budget Director

I hereby certify that there will be available for appropriation in the General Fund in the Fiscal Year 2021-2022 moneys in excess of those heretofore appropriated therefrom, said excess being at least \$132,700.


JIM SHANNON
Budget Director

For questions, please contact Athena Trede, Deputy Director at email or (408) 794-6953.