

INFORMATION, TECHNOLOGY, AND GENERAL SERVICES (ITGS) and PUBLIC SAFETY COMMITTEES' REPORT relative to replacing existing GPS transponders on the Los Angeles Police Department (LAPD) and the Los Angeles Fire Department (LAFD) helicopters.

Recommendation for Council action, SUBJECT TO THE APPROVAL OF THE MAYOR:

AUTHORIZE the appropriation of \$987,321 from the Unappropriated Balance Fund No. 100/58, Fire and Police GPS Transponder line item, to the following departments and accounts:

Fund No. 100/40, Department of General Services (GSD)
Account No. 001090, Salaries Overtime \$91,800

Fund No. 100/40, GSD
Account No. 003090, Field Equipment Expense Account \$35,300

Fund No. 100/32, Information Technology Agency (ITA)
Account No. 009350, Communication Services \$860,221

Fiscal Impact Statement: The ITA reports that there would be no additional General Fund impact for this project in Fiscal Year (FY) 2018-19. An approximately \$1.4 million impact is anticipated in FY 2019-20.

Community Impact Statement: None submitted.

Summary:

At its regular meeting held on September 25, 2018, the ITGS Committee considered an ITA report relative to Fiscal Year 2018-19 adopted budget instruction No. 75 on the timeline for replacing existing GPS Transponders technology on LAPD and LAFD helicopters, and related actions. At its meeting held on October 3, 2018, the Public Safety Committee concurred with this action.

As stated on the report provided by ITA, on May 4, 2018, it reported to Budget and Finance Committee during the budget process the need for LAPD and LAFD to meet Federal Aviation Administration (FAA) requirements to install Automatic Dependent Surveillance - Broadcast (ADS-B) GPS technology on all aircraft by January 2020. Subsequently, funding in the amount of \$1M was included as a line item in the Unappropriated Balance Adopted Budget for FY 2018-19 for this project with instruction to report back, in concert with the LAPD and LAFD, on the timeline for replacement of the existing GPS transponders on LAPD and LAFD helicopters (C.F. 18-0600-S132).

The ITA report further states that the FAA has mandated installation of ADS-B technology to replace ground radar and navigational aids with tracking systems using more precise satellite signals. All aircraft must have this equipment installed by January, 2020. LAPD has 10 helicopters and LAFD has 5 helicopters that must be modified to comply. In order to meet the FAA mandate to have the equipment installed in all aircraft in operation after January 2020, and the on-going aircraft maintenance required for normal FAA compliance, ADS-B work must begin

by no later than the first week of November 2018. ADS-B technology provides Air Traffic Control (ATC) in Class A, B, and C airspace with more accurate data of all aircraft within that airspace. Compliance entails replacement of the current transponder system with one capable of transmitting aircraft GPS position, vertical speed and aircraft tail number. Future revision of this system will also provide cockpit displays that allow pilots to see the same airspace environment that ATC sees, as well as pinpoint hazardous weather and terrain, and give pilots important flight information, such as temporary flight restrictions.

After providing an opportunity for public comment, the ITGS Committee moved to approve the recommendations on the ITA report as detailed above.

At a regular meeting held on October 3, 2018, the Public Safety Committee considered the ITA report regarding the Fiscal Year 2018-19 adopted budget instruction No. 75 on the timeline for replacing existing GPS Transponders technology on LAPD and LAFD helicopters. Staff from the ITA, LAPD and LAFD provided the Public Safety Committee information on the current fleet and how the new equipment benefits each department and communications between various airships. After an opportunity for public comment, the Committee recommended to concur with the ITGS Committee in approving the recommendation in the ITA report. This matter is now submitted to the Council for consideration.

Respectfully Submitted,



INFORMATION, TECHNOLOGY, AND GENERAL SERVICES COMMITTEE

<u>MEMBER</u>	<u>VOTE</u>
RODRIGUEZ	YES
BLUMENFIELD	YES
O'FARRELL	ABSENT



PUBLIC SAFETY COMMITTEE

<u>MEMBER</u>	<u>VOTE</u>
ENGLANDER	YES
O'FARRELL	YES
BUSCAINO	ABSENT
RYU	ABSENT
RODRIGUEZ	YES

SD

-NOT OFFICIAL UNTIL COUNCIL ACTS-