LAWRENCEVILLE
GEORGIA

AGENDA REPORT
MEETING: SPECIAL CALL, WORK SESSION FEBRUARY 7, 2024
AGENDA CATEGORY: COUNCIL BUSINESS NEW BUSINESS

Item:	Flock Safety Raven Gun Shot Detection System
Department:	Police
Date of Meeting:	Wednesday, February 7, 2024
Fiscal Impact:	$84,000 Speed Zone
Presented By:	Captain Brad Grove
Action Requested:	Approve purchase of Flock Safety Raven Gun Shot Detection system for a two-year period.

Summary: Gunshot detection systems detect and locate firearm discharges. These systems have been adapted for law enforcement operations to provide gunshot detection over a large area to an accuracy of within a few feet. These systems use multiple sensor units to detect and locate gunshots. In addition to notifying law enforcement of gunshots, the data collected by gunshot detection systems can be used as forensic evidence during legal proceedings.

Background: On average, the police department responds to 911 "Discharging Firearms" Calls for Service (CFS) 137 times per year. Responding officers are dispatched to an area in which 911 calls originate. Depending on the type of weapon fired and other conditions such as weather and terrain, the area in which an officer must search can be very wide. In fact, statistically one-half of the dispatched CFS the responding officer is unable to locate the exact area, identify a suspect, or recover any potential evidence such as shell casings.

Flock Raven utilizes prepositioned audio devices to cover an area and incorporates gun shot detection into Flock OS and mobile devices to alert Dispatch and Patrol Officers immediately to an area within 90' accuracy. This system fully integrates with our current Flock OS system that provides citywide License Place Recognition (LPR) data allowing for real-time objective awareness leading to more successful investigations of gunshots throughout the city.

Fiscal Impact: $84,000 to be funded out of Speed Zone Camera GL: 2853210-531600.

Concurrences: Purchasing.

Attachments/Exhibits:
2-year Flock Raven Agreement $84,000
Flock Safety Raven Product Sheet