



Legislation Text

File #: 23-0709, Version: 1

TO: Mayor Richard C. Irvin

FROM: Lieutenant William Rowley
Jeff Anderson, Deputy CIO

DATE: August 29, 2023

SUBJECT:

Resolution authorizing the Director of Purchasing to purchase a 3-year subscription for an automated integration of services to SoundThinking, Fremont, CA and Intergraph Corporation, Madison, AL for a total award of \$60,816.95.

PURPOSE:

ShotSpotter, by SoundThinking, is a gunshot detection, alert, and analysis service that is used for timely notification to law enforcement that had been utilized by the Aurora Police Department (APD) since 2022. The APD now desires to integrate the signaling from the ShotSpotter devices with the Computer Aided Dispatch (CAD) solution provided by Intergraph ("Hexagon").

BACKGROUND:

ShotSpotter solution was deployed in 2022 and although successful, requires an eyes-on view by the Dispatchers at the Public Safety Answering Point (PSAP). In its current configuration, ShotSpotter provides an alert to a Dispatcher, who must manually enter location data into the Hexagon solution and then dispatch officers accordingly.

At times, a ShotSpotter alert may be accompanied by multiple calls from citizens reporting gunshots in the area, calls to assist a gunshot victim, or other unrelated calls for service which also divide the Dispatcher's attention and creating a lag between the receipt of ShotSpotter detection data and timely dispatch of officers to the reported area.

This proposed integration will allow data to be passed automatically from ShotSpotter to Hexagon directly and without the need for Dispatcher intervention, thereby increasing accuracy of information and decreasing response time of responding officers.

DISCUSSION:

Quotes were negotiated from both Intergraph and SoundThinking for this integration. Intergraph's one-time setup fees were negotiated to a fifty percent discount to \$24,144.95, with a recurring annual fee of \$2,724.00.

The SoundThinking annual fee was negotiated to \$9,500.00 for accessing the ShotSpotter data.

The table below lists the one-time and annual fees for each of the 3-years.

Vendor	One-time	Annual	
Intergraph	\$ 24,144.95	\$ 2,724.00	
SoundThinking		\$ 9,500.00	
Year 1	\$ 24,144.95	\$ 12,224.00	
Year 2		\$ 12,224.00	
Year 3		\$ 12,224.00	
3 Year Cost	\$ 24,144.95	\$ 36,672.00	\$ 60,816.95

This purchase will be made using existing ETSB funds and a budget amendment will be submitted for account # 101-1280-419.38-11.

IMPACT STATEMENT:

By deploying this interface, the Aurora Police Department may provide more accurate and timely response to reported gunfire within the city. By extension, our emergency responders will be better able to provide emergency care to potential gunshot victims, provide more accurate and immediate crime scene safety, and have a greater ability to halt crimes in progress through a more efficient and accurate detection-to-dispatch process.

RECOMMENDATIONS:

That the proposed Resolution authorizing the Director of Purchasing to purchase a 3-year subscription for an automated integration of services to SoundThinking, Fremont, CA and Intergraph Corporation, Madison, AL for a total award of \$60,816.95 be approved.

cc: Infrastructure and Technology Committee



CITY OF AURORA, ILLINOIS

RESOLUTION NO. _____
DATE OF PASSAGE _____

A Resolution authorizing the Director of Purchasing to purchase a 3-year subscription for an automated integration of services to SoundThinking, Fremont, CA and Intergraph Corporation, Madison, AL for a total award of \$60,816.95.

WHEREAS, the City of Aurora has a population of more than 25,000 persons and is, therefore, a home rule unit under subsection (a) of Section 6 of Article VII of the Illinois Constitution of 1970; and

WHEREAS, subject to said Section, a home rule unit may exercise any power and perform any function pertaining to its government and affairs for the protection of the public health, safety, morals, and welfare; and

WHEREAS, ShotSpotter is a gunshot detection, alert, and analysis service that is used for timely notification to law enforcement; and

WHEREAS, ShotSpotter has been proven effective in Aurora since 2022; and

WHEREAS, the Hexagon Computer Aided Dispatch (CAD) solution has been utilized by the Aurora Police Department for many years; and

WHEREAS, deploying an automated interface between ShotSpotter and the Hexagon CAD solution, will increase accuracy and decrease response time of APD officers

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Aurora, Illinois, as follows: authorizes the Director of Purchasing to purchase a 3-year subscription for an automated integration of services to SoundThinking, Fremont, CA and Intergraph Corporation, Madison, AL for a total award of \$60,816.95.