

City of Minneapolis
Request for Committee Action

RCA #: RCA-2026-00537

TO COMMITTEE(S):

#	Committee Name	Meeting Date	Submission Deadline
1	Public Health, Safety & Equity	Jun 3, 2026 <u>Jun 17, 2026</u>	May 14, 2026

FROM: Information Technology, Office of Community Safety, 911, and Finance & Property Services

LEAD STAFF: Paul Cameron; CIO/Toddrick Barnette; Commissioner/Joni Hodne; Director of 911/Pam Fernandez; Director of Procurement

PRESENTED BY: Joni Hodne, Director, Mpls Emergency Communication Center

SUBJECT:

Contract amendment with SoundThinking, Inc. for a gunshot location system

ACTION ITEM(S)

#	File Type	Subcategory	Item Description	Public Hearing
1	Action	Contract/Agreement	Authorizing an increase to contract C-35511 with SoundThinking, Inc., in the	Yes

#	File Type	Subcategory	Item Description	Public Hearing
			amount of \$857,836 <u>\$278,173</u> for a total amount not to exceed \$3,467,296 <u>\$2,887,633</u> , and an extension through March 21, 2027 <u>2029</u> for support and maintenance of the gunshot location system.	
2	Action	Contract/Agreement	Authorizing an increase to contract C-35511 with SoundThinking, Inc., in the amount of \$268,110 <u>\$72,110</u> for the total amount not to exceed \$3,735,406 <u>\$2,959,743</u> , to expand coverage of the system through the end of the contract term.	No

PREVIOUS ACTIONS

[2024-00888 - Contract amendment with SoundThinking, Inc. for a gunshot location system](#)

[2024-00966 - ShotSpotter Technology Evaluation Legislative Directive](#)

[2024-00965 - ShotSpotter Independent Evaluation Staff Direction](#)

[2019-00882 - Contract with ShotSpotter, Inc. \("ShotSpotter"\) for support and maintenance of ShotSpotter's Gunshot Location System \("System"\)](#)

[2017-00478 - Contract amendment with ShotSpotter, Inc. for gunfire detection system support](#)

[2014-00632 - Gunfire Detection System Contract with ShotSpotter, Inc.](#)

WARD / NEIGHBORHOOD /ADDRESS

#	Ward	Neighborhood	Address
1.	Not Applicable		

BACKGROUND ANALYSIS

The City established Contract C-35511 with SoundThinking, Inc. (formerly known as ShotSpotter, Inc.) to provide support and maintenance of SoundThinking’s gunshot location system deployed in Minneapolis. This system is comprised of both hardware and software licensing components and provides a subscription-based data service to the City. The system provides detailed data for the response and investigation of violent crimes that contain gunfire events. It is utilized by both the Minneapolis Emergency Communications Center (“911”) and the Minneapolis Police Department (“MPD”); in that gunshot activations are received by 911, who then dispatches marked squads to the reported location.

Furthermore, the system’s timeliness in alerting 911 allows MPD to quickly respond to gunshot activations rather than relying on information from 911 callers who may not be able to provide a specific location. It is not unusual to get multiple calls from an area and the benefits yielded from saving confusion when multiple people are calling in saying they heard the shots from the east, and the next caller heard them from the north, this is not an uncommon problem when inside, scared and trying to determine where one thinks the sound is coming from. ShotSpotter provides a more accurate starting point for dispatching officers while still including pertinent information from callers in that area. There have been documented incidents in which a ShotSpotter activation occurred with no callers, yet police were still sent and located a victim. The system also alerts us if multiple types of guns are fired, if the shots are coming from vehicles, and in which direction those vehicles are moving allowing officers to start in the direction of the moving vehicle in a quicker attempt to locate possible suspects. Finally, the ability to measure where shell casing may be located due to where the first shot was fired from aids police in locating important evidence that may not always be easy to find without the assistance of a measurement, especially in a state with significant snowfall when casings could melt through and be below the surface.

This bolsters MPD’s ability to quickly locate the scene, identify any injured parties, and immediately render aid during the crucial first minutes after a shooting incident. The investigative and evidentiary benefit is of equal value by providing responding officers and

investigators with detailed data and information which ensures that evidence is located, collected, and preserved.

Beyond the immediate response to gunfire incidents, the City's broader public safety and law enforcement strategy is built around an interconnected ecosystem of emergency response, violent crime investigation, forensic analysis, intelligence sharing, victim support, and regional law enforcement coordination.

Within that ecosystem, SoundThinking, Inc's gunshot detection technology functions as a critical real-time intelligence tool that helps connect multiple parts of the response system and improve coordination across agencies and investigative functions.

Gunshot detection data supports not only the initial dispatch of officers, but also the City's wider efforts to investigate violent crime, recover ballistic evidence, identify patterns of gun violence, and interrupt cycles of retaliation. The system is integrated into coordinated response efforts involving 911, patrol officers, FAST investigators, crime lab personnel, gun violence investigators, and regional law enforcement partners.

By providing timely and objective data regarding the location, timing, and characteristics of gunfire incidents, the system helps investigators establish timelines, corroborate witness statements, recover shell casings and other forensic evidence, identify incidents involving multiple firearms, and connect shootings through ballistic analysis technologies such as NIBIN. The technology also supports regional crime gun intelligence efforts by improving the timely sharing of ballistic leads and firearm-related investigative information across partnering law enforcement agencies, helping investigators identify repeat shooters, link violent incidents across jurisdictions, and support coordinated firearm violence investigations. This information may generate investigative leads even in situations where witness cooperation is limited or delayed.

The technology also supports MPD's evolving violence-response strategy, which increasingly treats non-fatal shootings with the same urgency and investigative rigor traditionally associated with homicide investigations. FAST investigators respond to many non-fatal shootings to gather evidence, coordinate with hospitals, identify witnesses, and develop leads immediately following incidents. Real-time gunshot detection data strengthens these efforts by improving scene accuracy, accelerating evidence recovery, and supporting faster investigative follow-up during the critical early stages of an incident.

In addition, the Office of Community Safety, MPD and 911 have been in discussions with SoundThinking to expand coverage. The cost of this expansion is ~~\$268,110~~\$72,110 for a 1.4 square mile expansion zone.

IT, along with MPD, MECC and OCS, are requesting a ~~three~~ one-year extension through March 21, ~~2029~~2027, with an increase to the contract in the amount of ~~\$857,836~~\$278,173 for the existing coverage zones and an increase of ~~\$268,110~~\$72,110 for a 1.4 square mile expansion zone. This results in a total increase to the contract of ~~\$1,125,946~~\$350,283 for a new not-to-exceed amount of ~~\$3,735,406~~\$2,959,743.

ENTERPRISE REVIEW

Approved by the Permanent Review Committee.	
Meets the City's Equity and Inclusion goals for contracts over \$100,000. (More Details on the City's Equity and Inclusion goals)	AAP exp 11/1/27

Fiscal Note

Contract amendment with SoundThinking, Inc. for a gunshot location system

1. Is this request included in the current year budget?

Yes

2. Proposed Funding Source

Department: Information Technology

Fund: 06400-8800110

3. Is this request supported in any way by grant funds?

No

4. Assumptions:

The Information Technology Department, Minneapolis Police Minneapolis, and Minneapolis Emergency Communications Center are budgeted for this expense.

5. Budget Impact

Request Financing	2026	2027	2028	2029	2030
Revenue Sources					
06400-8800110	\$168,173	\$172,145	\$172,145		
00100-4003300	\$65,000	\$72,687	\$72,687		
01600-8300100	\$103,110 <u>\$117,110</u>	\$150,000	\$150,000		
Total Revenues	\$336,283 <u>\$350,283</u>	\$394,832	\$394,832	\$0	\$0

Request Financing	2026	2027	2028	2029	2030
Revenue Sources					
Expenditures					
06400-8800110	\$168,173	\$172,145	\$172,145		
00100-4003300	\$65,000	\$72,687	\$72,687		
01600-8300100	\$103,110 <u>\$117,110</u>	\$150,000	\$150,000		
Total Expenditures	\$336,283 <u>\$350,283</u>	\$394,832	\$394,832	\$0	\$0
Net Budgetary Impact (Revenue-Exp.)	\$0	\$0	\$0	\$0	\$0

6. Does your request have personnel impact? Not Applicable

7. Does your request have IT impact? Yes

Reference Number: C-35511

Information Technology/System Impact

IT Impact Description	2026	2027	2028	2029	2030
System Support	\$336,283 <u>\$350,283</u>	\$394,832	\$394,832		