



CITY OF AURORA, ILLINOIS

RESOLUTION NO. R22-045  
DATE OF PASSAGE February 22, 2022

A Resolution authorizing the City of Aurora Police Department to enter a contract with ShotSpotter, Inc. for the installation and set-up of the necessary equipment for a gunshot detection system, and for a three-year service agreement.

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. This timely notification allows for rapid response of law enforcement to firearm discharges in the coverage area, and helps officers on scene locate, more precisely, where the shots were fired from to assist possible victims and collection of valuable evidence; and

WHEREAS, gun violence in America's cities is a devastating epidemic. It has killed more than 65,000 individuals and injured several hundred thousand in just the last five years. What's more devastating – more than 80% of gunfire incidents are never reported to police. Even when a citizen reports a gunfire incident, the 9-1-1 call typically comes several minutes after the event has occurred, and, based on analysis, the location provided is usually mislocated by 750 feet (on average). As a result, valuable time and resources are wasted trying to locate the incident, greatly diminishing the opportunity to identify suspects and witnesses, recover evidence, and most importantly, render life-saving aid to victims; and

WHEREAS, when gun crime isn't reported to police, the people responsible for the shootings feel emboldened to shoot whenever they want with little to no consequences, putting everyone else in the neighborhood at risk. Unaddressed gunfire drives homicides and injuries, but there are other costs to the neighborhood:

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Victims don't get treated fast enough  
Residents feel unsafe at home  
Neighborhood jobs are lost  
The cycle of gun violence continues

ShotSpotter enables an informed and precise police response that is focused on apprehending the shooters, while conveying a sense of respect and compassion for the community.

WHEREAS; with ShotSpotter, police become aware of essentially all gunshot incidents in the coverage area. The system detects, locates and alerts police to gunfire in less than 60 seconds using a network of acoustic sensors across the coverage area. This enables a new normal where police can provide a consistent, rapid, and precise response to aid victims, collect evidence, and better serve their communities. It doesn't take long for perceptions to change among the community, with increased trust in law enforcement to protect and serve them; and

WHEREAS, ShotSpotter is the manufacturer of the equipment and the only company that has such a proprietary product, therefore no competitive bid was completed.

The cost for a two square mile coverage area, with SpotSpotter completing all installation, initiation, and onboarding work, along with three years of coverage is \$430,000. (The three-year subscription provides for the included multi-year discount of \$20,000) This money would be taken from account 287-3536-421.74-99, which is an approved expenditure under the American Rescue Plan Act (ARPA).

WHEREAS, By deploying ShotSpotter, the Aurora Police Department will be notified of gunfire events in 60 seconds or less, that the department would otherwise not know about, allowing APD to build community trust, save lives (both citizens and officers) and collect evidence – ultimately leading to a reduction in gun crime.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Aurora, Illinois, as follows: approve the purchase of ShotSpotter gunshot detection technology to provide installation for two square miles, initiation and onboarding, as well as a three-year subscription service.



RESOLUTION NO. R22-045  
LEGISTAR NO. 22-0062

PASSED AND APPROVED ON February 22, 2022

AYES 11 NAYS 0 NOT VOTING 0 ABSENT 1

ALDERMAN	Vote
Alderman Llamas, Ward 1	yes
Alderwoman Garza, Ward 2	yes
Alderman Mesiacos, Ward 3	absent
Alderman Donnell, Ward 4	yes
Alderman Franco, Ward 5	yes
Alderman Saville, Ward 6	yes
Alderwoman Hart-Burns, Ward 7	yes
Alderwoman Smith, Ward 8	yes
Alderman Bugg, Ward 9	yes
Alderwoman Baid, Ward 10	yes
Alderman Woerman, At Large	yes
Alderman Jenkins, At Large	yes

ATTEST:

Jennifer Stalleap  
City Clerk

Richard C. Li  
Mayor



**Price Proposal for Subscription-Based  
Gunshot Detection, Location, and Forensic Analysis Service  
for the City of Aurora, Illinois**

**December 23, 2021**

**Proposal ID: AURIL122321**

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## Executive Summary

### Introduction

ShotSpotter is pleased to present this proposal in response to the Aurora Police Department's request. The proposed ShotSpotter Respond solution is designed to identify, locate, and track active gunfire, and will support the Department's efforts to more effectively respond to and investigate gunfire incidents. The proposed solution is deployed across the country, serving agencies of all sizes that are committed to leveraging our real-time gunfire intelligence to reduce gun violence and build community trust.

The ShotSpotter gunshot detection, alert, and analysis services provide what would be otherwise unobtainable, critical real-time gunfire intelligence. The core capabilities of the ShotSpotter solution are:

- **DETECT** – ShotSpotter detects and locates gunfire incidents enabling a fast, precise response to over 90% of shooting incidents within the targeted areas. This has a powerful deterrent effect and disrupts the gun violence cycle.
- **PROTECT** – ShotSpotter helps to protect officers by providing them with comprehensive data on the actual amount of gunfire activity that occurs in the neighborhoods they patrol and provides critical situational awareness when responding to specific incidents.
- **CONNECT** – By applying community policing-oriented best practices, ShotSpotter provides a unique opportunity for law enforcement agencies to connect with vulnerable communities. Rapid response to gunfire incidents in communities that have been most impacted by gun violence builds positive attitudes towards law enforcement and leads to more constructive engagements and cooperation.

ShotSpotter has become an indispensable crime-fighting tool for these agencies, in light of the community dynamics that fuel gun violence and the well-documented challenges of relying solely on 9-1-1 calls for service:

- **Under-reporting of persistent gunfire:** Nationwide, on average, less than 20% of gunfire incidents are reported to 9-1-1. Why don't residents call? The answer is complex, but typically involves the following concerns:
  - Recognition: "Was that gunfire, fireworks, or something else?"
  - Retaliation: "If they find out I called, will they come after me?"



- Resignation: "No one came the last time I called..."

Without ShotSpotter, most law enforcement agencies are working with an 80% to 90% deficiency in their gun violence-related intelligence.

- **Late and inaccurate information:** When a citizen reports a gunfire incident, the 9-1-1 call typically comes several minutes after the event has occurred, and, based on analysis, the location provided is usually mislocated by 750 feet (on average). As a result, valuable time and resources are wasted trying to locate the incident, greatly diminishing the opportunity to identify suspects and witnesses, recover evidence, and, most important, render life-saving aid to victims.

The ability to receive near real-time gunfire intelligence data provides law enforcement agencies with a critical advantage in their efforts to reduce and prevent gun violence and improve officer safety. Specific results include:

- Officers can more quickly and more accurately go directly to the scene of the shooting
- Situational awareness is vastly improved over what is available when relying solely on the 9-1-1 system
- Law enforcement has a better chance of arriving before the shooter has left the scene
- Officers are much more likely to find evidence in the form of shell casings (which, in conjunction with NIBIN/IBIS, provide valuable investigative leads) and/or other ground truth that can aid in the investigation
- Officers are more likely to find witnesses who may have information that can aid in the investigation
- Community engagement is heightened, which often translates into more information from the community (e.g., tip lines, field interviews, etc.)
- Targeted enforcement (precision policing) is enhanced
- More court-admissible and scientifically sound forensic evidence is available to strengthen prosecutions of the worst offenders

## How it Works

Based on an analysis of known gunfire-related crimes, the ShotSpotter team designs and deploys networked sensors within the targeted coverage area. These acoustic arrays detect and locate gunshot activity within the coverage area and report that information to ShotSpotter's Incident Review Center (IRC) which is staffed 24/7/365. ShotSpotter uses a two-factor incident review process to minimize false alerts. The first tier is performed by sophisticated AI software. Once the software has performed an initial review and filtered out any incidents that are determined not to be gunfire (e.g., helicopter noise, fireworks, etc.), the data is received at our IRC.

The IRC review process is performed by a team of highly trained acoustic experts. In addition to examination of the incident audio, the review process involves examination of visual characteristics of the detected pulses and the incident, such as the number of participating sensors, the wave form, pulse alignment, and the direction of sound. The IRC review results in publishing (Gunshot or Probable Gunshot) or dismissal (Non-Gunshot) of the incident with a high level of precision. If the reviewer classifies the incident as a gunshot, the reviewer sends an alert, including location information and an audio snippet, to law enforcement agencies via a password-protected application on a mobile phone, in-car laptop, or computer. In addition to the dot on the map and audio, ShotSpotter provides details such as number of shots fired, whether multiple shooters are involved, and whether high-capacity and/or fully automatic weapons are being used. This entire process (i.e., recording the impulsive sound, two-factor review, and publishing alerts to authorized users) is designed to be completed in less than 60 seconds (but is often completed within 25 to 30 seconds).

ShotSpotter customers receive a contextually rich, detailed gunfire alert that enables a fast, precise, and safer response to gunfire incidents. In addition, ShotSpotter alerts can also trigger other technology platforms such as cameras that can pan and zoom in the direction of an event. ShotSpotter has also successfully integrated with a wide range of third-party applications such as CAD, RMS, License Plate Readers, drones, and other applications.

We appreciate your consideration of our proposal. ShotSpotter is committed to your success and we look forward to partnering with you to make ShotSpotter a key component of your efforts to reduce gun crime in the City of Aurora.



## Company History

ShotSpotter was founded in 1995 and has been providing gunshot detection solutions since its inception. ShotSpotter is the world leader in gunshot detection, with nearly 750 square miles operational; more than 14 million incidents reviewed; and 34 issued patents. ShotSpotter is a publicly traded corporation (NASDAQ: SSTI) with approximately 175 full-time employees and is headquartered in Fremont, California.

ShotSpotter provides precision-policing solutions for law enforcement to help deter gun violence and make cities, campuses, and facilities safer. Our flagship product, ShotSpotter Respond™, is the leading gunshot detection, location, and forensic analysis system, and is trusted by 120 cities. Other product offerings include:

- ShotSpotter SecureCampus®, designed to provide outdoor gunfire coverage at university and school campuses
- ShotSpotter SiteSecure™ for critical infrastructure designed to detect gunfire attacks on commercial and federal buildings, electrical substations, airports, and large outdoor structures
- ShotSpotter Connect™ (formerly Missions™), which uses artificial intelligence-driven analysis to help strategically plan patrol missions and tactics for maximum crime deterrence
- ShotSpotter Labs, which focuses on innovative applications of ShotSpotter to help protect wildlife and the environment; currently helping combat rhino poaching in South Africa and will soon launch other applications for global wildlife protection, such as combatting illegal blast fishing in Malaysia with underwater sensors.

## ShotSpotter Respond Service Overview

ShotSpotter helps law enforcement agencies by directing resources to the precise location of more than 90% of gunfire incidents. ShotSpotter rapidly notifies first responders of shootings via dispatch centers, in-vehicle computers, and smart phones. Instant alerts enable first responders to aid victims, collect evidence, and identify witnesses. ShotSpotter's actionable intelligence can then be used to prevent future crimes by positioning law enforcement when and where crime is likely to occur. ShotSpotter gunshot detection and location services are delivered as an easily implemented Software as a Service (SaaS) solution, with no requirement for customer investment in or maintenance of expensive hardware or software. ShotSpotter hosts, secures, monitors, and maintains the ShotSpotter infrastructure. Contracts are based on an affordable one-year or multi-year subscription agreement, and the subscription includes unlimited licenses for the proposed ShotSpotter applications.

## ShotSpotter Dispatch™ and ShotSpotter Respond™ Applications

The ShotSpotter Dispatch and ShotSpotter Respond applications are used by Call Takers, Dispatchers, and Patrol Officers in the field. Real-time notifications of gunfire incidents are delivered to these apps and include the following data:

- Incident location (dot on the map)
- Type of gunfire (single round, multiple round)
- Unique identification number
- Date and time of the muzzle blast (trigger time)
- Nearest address of the gunfire location
- Number of shots
- District identification
- Beat identification



Figure 1: ShotSpotter Dispatch App



A ShotSpotter analyst may add other contextual information such as the possibility of multiple shooters, high-capacity weapons, full-automatic weapons, and the shooter's location related to a building (front yard, back yard, street, etc.). The report also includes an audit trail of the time the alert was published, acknowledged, and closed at the customer facility. All notes entered by Call Takers and Dispatchers added to the alert are time- and date-stamped with the operator's ID. For Patrol Officers, the alert includes an audio snippet of the incident.

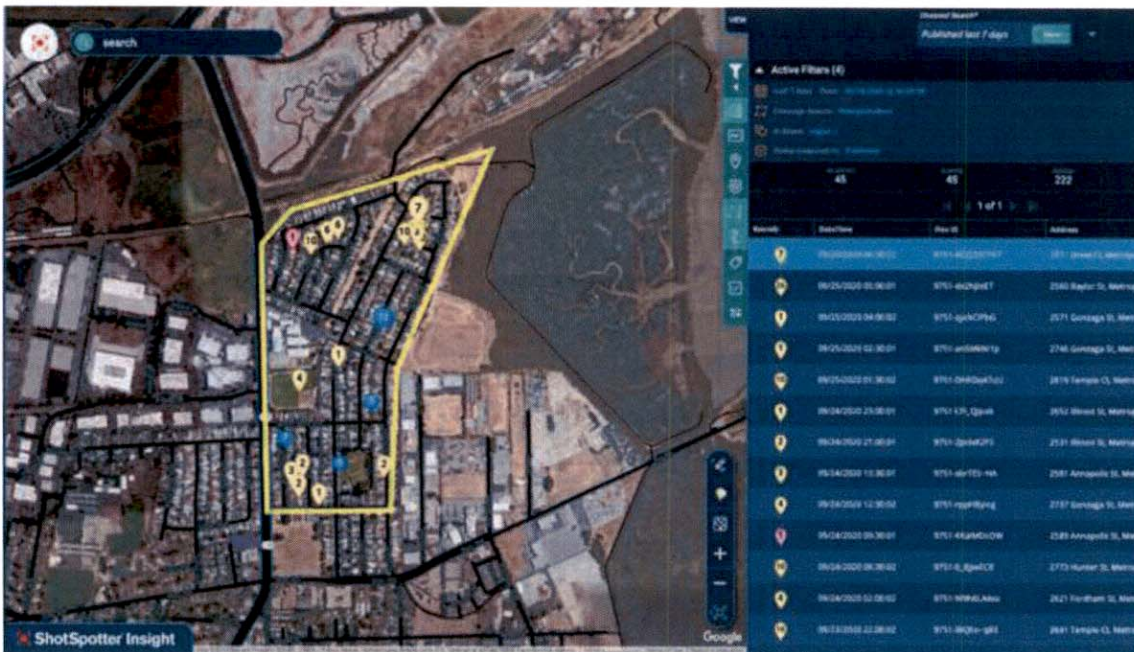


**Figure 2: ShotSpotter Respond App**

### ShotSpotter Insight™

ShotSpotter Insight™ enables customers to explore details about prior gunshot incidents in their ShotSpotter coverage area and use the data for investigation and analysis. Crime analysts, investigators, and command staff can view, filter, sort, report, and transform historical gunshot data into meaningful insights, ultimately informing strategies for reducing gun violence.

Insight enables users to find and identify the incidents using an extensive array of filters for date, time, location, keywords, single vs. multiple gunshots, patrol areas, as well as shapes drawn on the map. The shape filters narrow a search for shooting incidents within a radius of a known address, across several blocks, or look for and monitor activity on both sides of a jurisdictional border. Saved reports retain common filter settings for quick retrieval (e.g., "District 4 Gunfire – Last 28 days").



**Figure 3: ShotSpotter Insight App**

Insight shows how a shooting event unfolded by watching a shot-by-shot animation that details the location and sequence of each shot. The software also highlights other nearby incidents that may be potentially related based on its relative distance and time of occurrence.

Insight comes with a set of reports that make it easy to share incident data throughout an agency:

- The Investigative Lead Summary report give details of a shooting incident including audio, location, sequence, and timing of each shot fired. This report is often used to share incident audio and details with colleagues, aid investigators with collecting evidence at the scene of a shooting and conducting better interviews of witnesses, suspects, and victims, or attach to a case file.
- The Multi-Incident report provides a summary of shooting incidents broken out by single, multiple, and probable gunshot incidents as well as any non-gunfire incidents if they were included in the search. The summary is followed by details for each incident including the date, time, location, number of rounds, CAD ID, Respond ID, and other details.

For custom ad hoc reporting and analysis, Insight can export incident data to other off-the-shelf products such as Microsoft Excel, Tableau, Google Earth, ArcGIS, and other tools.



## Mobile Alerts

Real-time gunfire alert data can be delivered to smart phones and smart watches via the Respond smartphone application, available for use on iPhones and Android platforms. The gunfire location is displayed as a dot on a map, and the data also includes the number of rounds fired and access to the incident audio.



Figure 4: Smart Watch Notification

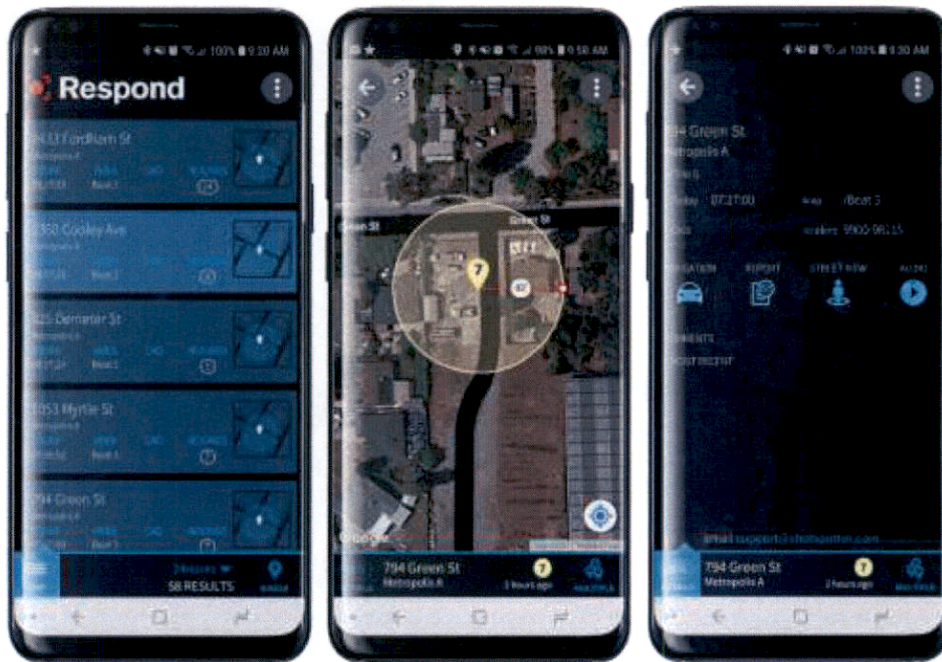


Figure 5: ShotSpotter Respond App Smartphone Notification



### Notifications API (Optional)

The ShotSpotter Notifications API (available as a separately priced option) allows client applications to receive accurate, timely details about ShotSpotter gunfire alerts, including precise latitude and longitude (geolocation), GPS-synchronized timestamps, incident audio, and situational context provided by the 24x7x365 ShotSpotter Incident Review Center. Typical integrations include:

- Video Management Systems (VMS)
- Computer-Aided Dispatch (CAD) systems
- Records Management Systems (RMS)
- Automated License Plate Readers (ALPRs)
- Crime analysis and statistics packages (including COMPSTAT software)

Each Notifications API license pack is available for an annual subscription fee that includes:

- Up to three (3) interfaces
- Establishing an instance of the API for the Department on ShotSpotter-hosted servers
- Consulting with the Department and third parties to ensure the API operates according to the API specifications
- 24x7 alerts to up to three third-party interfaces
- Supporting the third party and Department as systems are upgraded

Additional API licenses can be purchased in packs of three interfaces.

## Investigative Lead Summary

ShotSpotter recently introduced a new, on-demand report available through the ShotSpotter Respond application. The Investigative Lead Summary (ILS) provides useful details about the location, timing, and sequence of each shot fired during an incident. The ILS is very valuable on scene, helping law enforcement find shell casings, confirm witness accounts, and identify suspects. ILS reports are available immediately after an incident occurs through a single click of a button within the mobile, web, or desktop ShotSpotter Respond application.

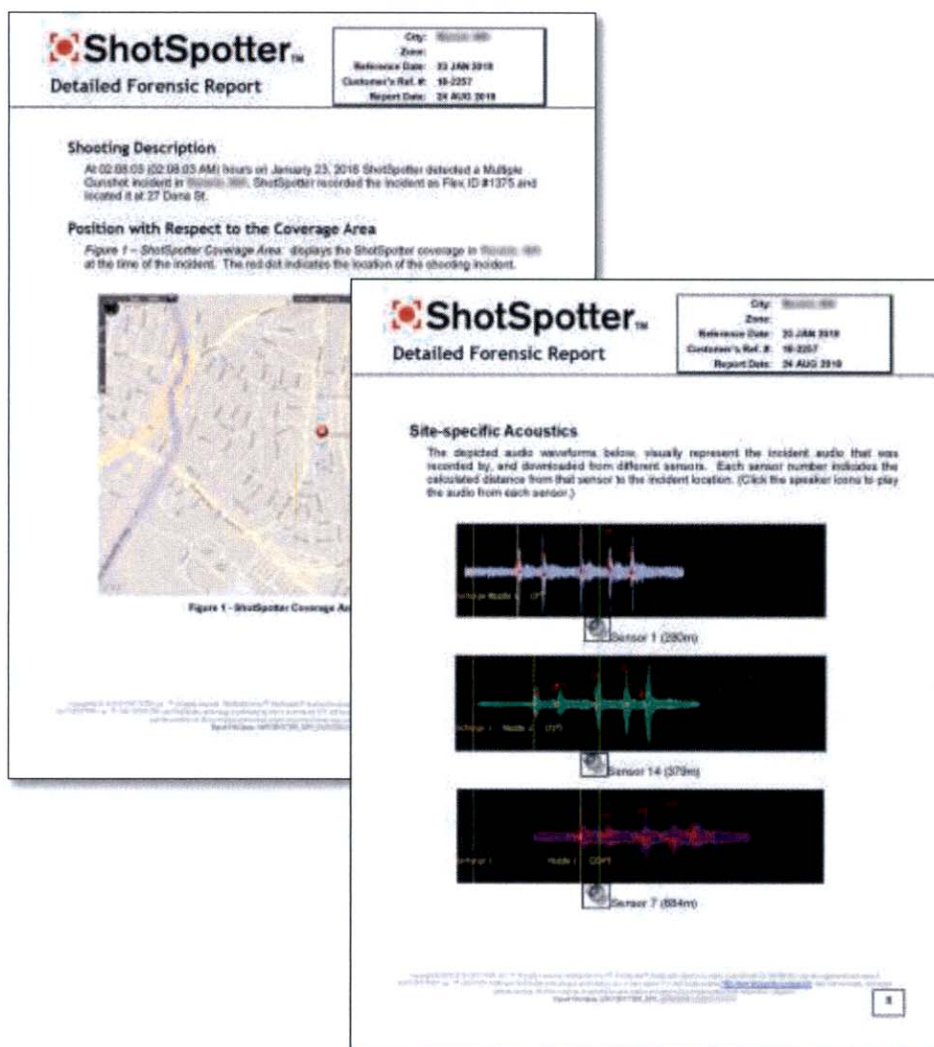
The ILS will fulfill the majority of law enforcement agency needs, particularly in situations where a report is not intended for presentation to court (since the ILS report is electronically produced, it is not court admissible).



Figure 6: ShotSpotter Investigative Lead Summary (ILS)

## Detailed Forensic Reports and Expert Witness Testimony

In nearly all the criminal proceedings in which our experts have been called to testify, ShotSpotter has produced detailed, round-by-round analysis of the timing and location of the shots fired by one or more weapons. To the best of our knowledge, no other acoustic-based gunshot detection system has been accepted in a court of law as providing this kind of forensic evidence.



**Figure 7: ShotSpotter Detailed Forensic Report (DFR)**

ShotSpotter data supports detailed forensic analysis of gunfire incidents, including:

- Weapon type (e.g., automatic vs. semi-automatic)
- Number of rounds fired
- Possibility of multiple shooters



Unlike the ILS, the DFR is a court-admissible document prepared by our forensic engineers. The DFR is intended to be used by attorneys as part of a court case for the exact, verified timing, sequence and location of each shot fired. Secondly, DFRs are available for use by law enforcement to obtain search warrants or to investigate Officer Involved Shootings. DFRs are available upon written request, and our goal is to deliver all DFRs within ten business days of the request.

To support prosecutions, audio snippets provide powerful demonstrative evidence to prosecutors and allow jurors to gain a deeper understanding of the victims' experience of the incident. For prosecutors who wish to have a ShotSpotter expert witness testify regarding a DFR, to help interpret and clarify crime scene activity derived from ShotSpotter data, or provide other forensic consultation services, these services are available for an hourly fee.

In 17 states and in the District of Columbia, ShotSpotter evidence and ShotSpotter expert witness testimony have been successfully admitted in over 100 court cases. ShotSpotter forensic evidence has prevailed in nine Frye challenges, including four in California, and five Daubert challenges throughout the United States.

## Onboarding Services

Concurrent with the sensor design and deployment activities, ShotSpotter will provide a series of onboarding services to prepare the Police Department to maximize the value of the ShotSpotter service. These standard onboarding steps will be refined to best serve the Department team and ShotSpotter users. ShotSpotter onboarding services are designed to:

- Ensure successful ShotSpotter activation (go-live)
- Ensure full utilization of the features and functions available with the ShotSpotter service
- Ensure that the Department's Best Practices are refined, as needed, to respond most effectively to the gun crime intelligence data being delivered for the coverage area
- Track and monitor the efficacy of the ShotSpotter service

ShotSpotter has assembled a Customer Success Team of professionals with more than 100 years of combined law enforcement experience. The mission of this team of Consultants, Trainers, and Analysts is to maximize customer success with the ShotSpotter service. This team is available to our customers both pre- and post-production to advise, train, and guide them on the most effective use of the tools and services available with the ShotSpotter solution. The following provides a high-level overview of ShotSpotter's standard Customer Onboarding Services, which will be tailored to support the Department:

## Getting Started

Prior to contract execution, a ShotSpotter Customer Success Director will work with the Department's project team to plan the onboarding process, beginning with an onsite Customer Kick-Off Meeting with all stakeholders. The teams will review the program objectives, lay out the key implementation steps, agree on a targeted activation date (go-live), and establish a protocol for ongoing communication throughout the onboarding process. ShotSpotter will schedule biweekly status calls with the Department's Program Manager and other project leaders to maintain regular communication throughout the implementation process.

## Best Practices

Early in the Customer Onboarding Process, ShotSpotter's Customer Success team, led by the assigned Customer Success Director, will work with the Department's Program Manager and other project leaders to schedule and conduct a series of Best Practices sessions. These sessions will assist the Department in establishing response protocols and procedures to manage the gunshot alerts and gun crime intelligence data that will be provided upon activation of the ShotSpotter service. ShotSpotter will customize and conduct these sessions for each of the following groups of users involved in the gun violence reduction program in the targeted coverage area:

- Program Management
- Dispatch/Communications
- Field Operations/Patrol
- Investigations
- Prosecution
- Intelligence & Crime Analysis

## User Training

ShotSpotter will assign a Customer Success Director to the Department to ensure that we deliver consistent, quality best practices training based on the Department's needs to maximize the value of our service. The Customer Success Director will remain engaged with the Department for the duration of our relationship. In preparation for the planned cutovers, ShotSpotter will assign a Trainer to the Department to train each group of users on the ShotSpotter applications, including Respond, Dispatch, ShotSpotter Administrative Portal, and ShotSpotter Insight. The Trainer will conduct a Training Orientation with the Department's Program Manager to ensure all users are properly trained on the relevant applications. ShotSpotter's Trainer will work with the Department to tailor a training program that addresses the unique needs and/or scheduling constraints of the Department users. The training will be performed through a combination of remote instructor-led live training, train-the-trainer, and on-line recorded computer-based training.



### Agency Metrics/KPIs (Key Performance Indicators)

ShotSpotter Customer Success team members, led by the assigned Customer Success Director, will work with the Department's Program Manager and Command staff to review, define, and adopt a set of agency metrics, or Key Performance Indicators (KPIs), to establish and monitor the efficacy of the ShotSpotter service and related agency Best Practices. It is important to ensure that the agency and all stakeholders have visibility (and routines in place) to track the program metrics or KPIs needed to monitor the status of the program and to make informed decisions regarding resources, response protocols, and the best practices to drive success.

### Onsite Support During Service Activation (Go-Live)

On the day of ShotSpotter service activation to a live production status, ShotSpotter's Customer Success Director will be on site to ensure that the transition is smooth, that the established best practices are being implemented as planned, and that user questions are answered quickly. Prior to cutover, ShotSpotter team will facilitate an introduction to the ShotSpotter Support organization to review the support process and introduce the designated Technical Support Engineer to the Department. Following system activation, the designated Technical Support Engineer will facilitate a series of Status Calls with the Department to review the performance of the service. The Customer Success Director will continue to work with the Department to review and results being achieved by each group of users involved in the gun violence reduction program.

### Ongoing Customer Support

As an ongoing service, the Customer Support organization will publish a monthly Scorecard to the Department to communicate details on system performance and our service including the number of Gunshot Alerts, Misses, Mislocated Incidents, Misclassified Incidents, and other useful metrics. This report will be reviewed by the designated Technical Support Engineer on a monthly basis and any and all concerns will be discussed and addressed.

ShotSpotter standard customer support includes 24/7 assistance with user accounts, software interface, tools, features, incident (re)classification, and review. Tier 1 Support is provided by our Incident Review Center (IRC). IRC staff have extensive experience with ShotSpotter applications and provide real-time support of basic issues, and first level of support for information gathering and triage for advanced troubleshooting by Tier 2 Support. The Tier 2 Support Team comprises technically advanced, experienced Customer Support professionals who are responsible for advanced levels of troubleshooting and analysis, IT Support, mapping issues, etc.



Support Level	Tier 1 Support (IRC)	Tier 2 Support (Customer Support)
<b>Features</b>	<ul style="list-style-type: none"> <li>• Login support</li> <li>• Report a misclassification</li> <li>• Report a missed incident</li> <li>• Report a mislocated incident</li> <li>• Basic audio request</li> <li>• General/application questions</li> <li>• Request for ILS</li> </ul>	Normal Support: <ul style="list-style-type: none"> <li>• Analysis of missed gunshots</li> <li>• Detailed audio search</li> <li>• Performance analysis</li> <li>• Integration issues</li> </ul> Critical Support: <ul style="list-style-type: none"> <li>• System outage</li> </ul>
<b>Hours of Operation</b>	24x7x365	Normal Support: 5 am – 11 pm Pacific Time Zone Escalation: 24x7x365

## Customer References

ShotSpotter has 120 customers covering more than 750 square miles. ShotSpotter is the leader in the development and deployment of wide area acoustic gunshot detection and location systems. Today, ShotSpotter provides gunshot detection and location services to law enforcement agencies across the country. Among these are:

- Chicago, IL
- Rockford, IL
- Springfield, IL
- Peoria, IL
- South Bend, IN
- Omaha, NE
- Little Rock, AR
- Columbus, OH
- Cleveland, OH
- Toledo, OH

## Pricing

ShotSpotter systems are deployed to provide coverage for one or more specified areas, each bounded by a specific coverage area perimeter. ShotSpotter will design the coverage area based upon the Department's requirements and based upon analysis of historical crime data. ShotSpotter will collaborate with Department stakeholders to determine the final coverage area and related boundaries.

### 2 mi<sup>2</sup> Coverage

Contract Term	Coverage Area Size	One-Time Service Startup Fees (Initiation & Onboarding)	Annual Subscription Fees*	Discount for Multi-Year Term**	Total
3 Years	2 mi <sup>2</sup>	\$30,000	\$140,000 x 3	(\$20,000)	\$430,000

\*ShotSpotter's current annual subscription fee is \$70,000 per square mile.

\*\*See Pricing Assumptions below for details.

### Forensic Consultation Services

Forensic Consultation Service Fee (Expert Witness Services)	\$350/hour
Expert Witness Testimony Services are available upon request and billed separately at the above rate.	

### Optional Additional Services

#### Interface License

Notifications API License Pack	\$9,500/year
<ul style="list-style-type: none"> <li>• Recurring annual subscription fee</li> <li>• Includes up to three interfaces</li> <li>• Does not include costs required from other vendors to implement or support the planned interfaces</li> </ul>	

## Payment Terms

Payment for the service initiation, onboarding, and subscription shall be as follows:

### Three-Year Payment Terms

- 50% of Year 1 fees due upon execution of agreement (\$75,000)
- 50% of Year 1 fees due upon ShotSpotter activation (live) status (\$75,000)
- 100% of Year 2 fees due prior to 1<sup>st</sup> anniversary of ShotSpotter live status (\$140,000)
- 100% of Year 3 fees due prior to 2<sup>nd</sup> anniversary of ShotSpotter live status (\$140,000)

Expert Witness Testimony Services are available upon request and billed separately at the above rate.

## Pricing Assumptions

This pricing is submitted based on the following assumptions:

- This pricing assumes that the services will be delivered under the terms of the ShotSpotter Respond Services Agreement to which this Proposal will be attached as Exhibit A.
- The Multi-Year Term Commitment discount will be applied to the one-time Service Initiation fees and is contingent upon ShotSpotter receiving a three-year term commitment allowing us to invoice automatically for each annual subscription term over the three years of the agreement, without any requirement for obtaining additional approvals, purchase orders, or notifications.
- The pricing assumes that the Department will provision network access to meet ShotSpotter minimum specifications and requirements for all computers (PCs and MDCs) that will access the ShotSpotter service.
- This pricing does not include any state or local taxes; if taxes are applicable, we will be happy to provide an amended price quotation upon request.
- This pricing remains valid for ninety (90) days from the date of this proposal.



RESPOND SERVICES AGREEMENT



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+1.888.274.6877  
[info@shotspotter.com](mailto:info@shotspotter.com)  
[www.shotspotter.com](http://www.shotspotter.com)

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This ShotSpotter® Respond™ Services Agreement (this "Agreement") is entered into by and between ShotSpotter, Inc. (referred to herein as "ShotSpotter"), with offices located at 39300 Civic Center Dr., Suite 300, Fremont, CA 94538, and the City of Aurora, Illinois (hereinafter referred to as "Customer"), with offices located at 44 E Downer Place, Aurora, IL 60505, effective as of the last date of signature herein. ShotSpotter and Customer may also be referred to in this Agreement individually as a "Party" or collectively as the "Parties".

This Agreement and its exhibits define the deliverables, implementation, and subscription services for ShotSpotter's gunshot location system ("ShotSpotter® Respond™ Gunshot Detection, Location, and Forensic Analysis Service") to be provided under this Agreement.

In consideration of the Parties' mutual covenants and promises set forth in this Agreement, the Parties agree as follows:

## 1. EXHIBITS

The following exhibits ("Exhibits") are attached to, and incorporated in this Agreement:

- A. ShotSpotter Proposal ID # AURIL122321
- B. Service Level Agreement

## 2. DEFINITIONS

All capitalized terms not otherwise defined in this Agreement shall have the meanings set forth below:

- A. Insight means the internet portal to which Customer will have access to Reviewed Alerts.
- B. Confidential Information means that information designated by either Party as confidential or proprietary as further defined in Section 6 of this Agreement but does not include "public records" as that term is defined by the Illinois Freedom of Information Act (5 ILCS 140/1 "FOIA"), to the extent that such information is not exempt under FOIA.
- C. Coverage Area means the area in square miles covered by the Services as set forth in Exhibit A and any subsequent amendments thereto.
- D. Data means all data created, generated, modified, compiled, stored, kept, or displayed by ShotSpotter in performance of the Subscription Services, including the Software.
- E. Reviewed Alerts means the data reviewed by ShotSpotter's incident review staff related to gunfire incidents detected by the ShotSpotter Gunshot Detection, Location, and Forensic Analysis Service.
- F. ShotSpotter Respond System means the ShotSpotter Respond Gunshot Detection, Location, and Forensic Analysis Service provided on a subscription basis under this Agreement.
- G. Software means the ShotSpotter Respond Gunshot Detection, Location, and Forensic Analysis Service, Reviewed Alerts, ShotSpotter Respond™, and ShotSpotter Dispatch™ and ShotSpotter® Insight applications to which Customer will have access under this Agreement on a subscription basis. The term Software shall also mean any new applications supplemental to the Subscription



Services provided by ShotSpotter to Customer subsequent to the execution date of this Agreement, and if purchased by Customer, the ShotSpotter API Subscription License.

- H. Subscription Services means the services provided to Customer on a subscription basis to access, and ShotSpotter's maintenance of, the Software.
- I. System means collectively the Software and Subscription Services provided under this Agreement.

### 3. SUBSCRIPTION SERVICES

- A. ShotSpotter will install the ShotSpotter Respond System in the Coverage Area specified in Exhibit A attached to this Agreement. ShotSpotter will host the Subscription Services and may update the functionality and Software of the Subscription Services from time to time at its sole discretion and in accordance with this Agreement.
- B. ShotSpotter will be responsible for determining the location(s) for installation of acoustic sensor(s) (the "Sensors") that detect gunshot-like sounds, and obtaining permission from the premise's owner/property manager/lessee.
- C. The ShotSpotter Respond System acoustic Sensor may use wired, wireless, or cellular wireless communications which necessitates the existence of a real-time data communications channel from each Sensor to the ShotSpotter hosted servers via a commercial carrier. The unavailability or deterioration of the quality of such wired, wireless, or wireless cellular communications may impact the ability of ShotSpotter to provide the Subscription Services. In such circumstances ShotSpotter will use commercially reasonable efforts to obtain alternate wired or wireless cellular communications or adjust the coverage area as necessary. In the event ShotSpotter is unable to do so, ShotSpotter will terminate the Subscription Services and refund a pro-rata portion of the annual Subscription Services fee to Customer.
- D. ShotSpotter will provide Customer with user documentation, online help, written or recorded video training material, and other applicable documentation (as available).
- E. ShotSpotter will provide reasonable efforts to respond via email to requests for support relating to incident classification as defined in the Support Level Matrix provided in Exhibit B.
- F. During the term of this Agreement, ShotSpotter will provide real-time gunfire analysis and alert services. After an explosive (or impulsive) sound triggers enough ShotSpotter Sensors that an incident is detected and located, audio from the incident is sent to the ShotSpotter Incident Review Center (IRC) via secure, high-speed network connections for real-time qualification. Within seconds, a ShotSpotter professional reviewer analyzes audio data and recordings to confirm gunfire or explosions. The qualified alert is then sent directly to the Customer's dispatch center, PSAP, mobile/patrol officers, and any other relevant safety or security personnel, as determined by the Customer. ShotSpotter's IRC will review gunfire incidents as further defined in Exhibit B.
- G. The Subscription Services provided under this Agreement shall consist of (i) providing access to the Customer of Reviewed Alerts delivered via the Insight password-protected internet portal and user interface supplied by ShotSpotter; (ii) providing Customer access to historical Reviewed Alerts and incident information via the Software; and (iii) other services as specified in this Agreement and its Exhibits.

- H. ShotSpotter will use commercially reasonable efforts to respond to support requests as set forth in the Support Level Matrix provided in Exhibit B. These requests may be made to ShotSpotter through one of the following methods: 1) email to [support@shotspotter.com](mailto:support@shotspotter.com); 2) Live Chat through our ShotSpotter applications; 3) A phone call to our Customer Support organization at 888,274.6877, option 4. These are the only methods ShotSpotter will receive and respond to support requests.

A Tier 1 (as defined in the Support Matrix in Exhibit B) ShotSpotter Customer Support specialist will be responsible for receiving Customer reports of missed incidents, or errors in the Subscription Services, and, to the extent practicable over email or telephone, making commercially reasonable efforts to assist the Customer in resolving the Customer's reported problems. In the event the problem cannot be resolved within 24 hours, requiring further research and troubleshooting, ShotSpotter will use commercially reasonable efforts to resolve the issue within seventy-two (72) hours of receipt of the report. In the event that the ShotSpotter service is fully nonfunctional, and it is not due to power outage or other reasons that are outside of ShotSpotter's control, ShotSpotter will work continuously to restore functionality of the Subscription Services in accordance with the standard ShotSpotter user documentation provided with the Subscription Services as soon as reasonably possible, and no later than seventy-two (72) hours of receipt of the report.

I. FORENSIC REPORTS.

- i. Investigative Lead Summary ("ILS"). ShotSpotter provides an on-demand report available through the ShotSpotter Respond Application. The Investigative Lead Summary (ILS) provides useful details about the approximate location, timing, and sequence of each shot fired during an incident. The ILS is very valuable on scene, helping law enforcement find shell casings, confirm witness accounts, and identify suspects. ILS reports are available immediately after an incident occurs via the mobile, web, or desktop ShotSpotter Respond application (machine-generated). The ILS is not a court-admissible document.
- ii. Detailed Forensic Report ("DFR"). If requested by Customer, ShotSpotter will provide a DFR for any ShotSpotter-detected incidents, including Reviewed Alerts. The DFR is intended to be a court-admissible document used by attorneys as part of a court case for the exact, verified timing, sequence and location of each shot fired. Secondly, the DFR is available for use by law enforcement to obtain a search warrant or to investigate an Officer Involved Shooting.

DFRs must be requested in writing and addressed to the ShotSpotter Customer Support Department. Requests may be submitted via the Forensics Services page under the Law Enforcement tab on ShotSpotter's website ([www.shotspotter.com](http://www.shotspotter.com)). ShotSpotter will use commercially reasonable efforts to provide a DFR within ten (10) business days of receipt of the request.

J. EXPERT WITNESS SERVICES.

ShotSpotter offers reasonable expert witness services, including Reviewed Alerts, for an hourly fee as set forth in Exhibit A, as well as reimbursement of all travel and per diem costs. If requested to provide such services, ShotSpotter will invoice the Customer for the number of hours expended to prepare for and provide expert witness testimony, and actual travel expenses, upon completion of the services. Customer understands that ShotSpotter undertakes to provide individuals whose



qualifications are sufficient for such services, but does not warrant that any person or his or her opinion will be accepted by every court. ShotSpotter requires at least fourteen (14) days prior notice of such a requirement in writing from the Customer. Customer must include dates, times, specific locations, and a point of contact for ShotSpotter personnel. Due to the nature of legal proceedings, ShotSpotter cannot guarantee that its services described in this section shall produce the outcome, legal or otherwise, which Customer desires. Payment for expert witness services described shall be due and payable when services are rendered regardless of the outcome of the proceedings.

#### 4. INITIAL TERM AND RENEWAL

The initial term of the Subscription Services shall be for a period of thirty-six (36) months commencing on the date that the Subscription Services are made available to the Customer via Insight.

Following the initial term, the Subscription Services may be renewed for successive periods of one year each (or multiple years as mutually agreed upon in writing by the Parties), in accordance with the following procedure. ShotSpotter shall provide Customer with a renewal notice stating the renewal fees, terms, and conditions for the next successive renewal term approximately ninety (90) days prior to the expiration date of the then current term. Customer acknowledges that the Subscription Services fees, terms and conditions, and service levels hereunder are subject to change and that such fees, terms and conditions, and service levels may vary from those applicable to this Agreement in successive renewal terms. Annual Subscription fees following the initial term are subject to increase at a rate of 5% for Customers whose annual subscription fee is less than the current ShotSpotter list price.

If Customer fails to renew prior to expiration of the then current subscription term, the Subscription Services will terminate in accordance with Section 5.C. At its discretion, ShotSpotter may remove the ShotSpotter Gunshot Detection, Location, and Forensic Analysis Service and any components from the Coverage Area at that time. If ShotSpotter does not remove the ShotSpotter Gunshot Detection, Location, and Forensic Analysis Service from the Coverage Area, Customer may reinstate the Subscription Services at a later date by renewing this Agreement and payment of the applicable reactivation and Subscription Services renewal fees; however, Customer will not have access to any Reviewed Alerts that they would have had access to during the lapsed period.

#### 5. LICENSE, OWNERSHIP, AND DATA RIGHTS

In consideration for and subject to the payment of the annual Subscription Services fees as set forth in Exhibit A, Customer is granted a non-transferrable, non-exclusive and terminable license ("License") to use the Subscription Services and Data as set forth in this Section 5. Please read the terms and conditions of this Agreement carefully. By using the Subscription Services and Data, you agree to be bound by the terms and conditions of this Agreement. If you do not agree to these terms, you must notify ShotSpotter and discontinue any use of the Subscription Services and Data.

##### A. Rights in Data.

For the purposes of this Agreement, "Data" is defined as data, information, and electronic files created, generated, modified, compiled, displayed, stored or kept in the course of providing the Subscription Services, including, without limitation, information in Reviewed Alerts accessible through the Service and/or Software.



ShotSpotter shall own and have the unrestricted right to use the Data for internal purposes such as research or product development. ShotSpotter may provide, license, or sell Data on an aggregated basis to third parties (excluding press or media) to be used for research or analytical purposes, or for law enforcement and/or security purposes.

ShotSpotter will not release or disseminate to any person or entity Data related to or consisting of specific forensic or law enforcement sensitive incident information pertaining to any active inquiry, investigation, or prosecution, unless in response to a valid order or subpoena issued by a court or other governmental body, or as otherwise required by law. ShotSpotter will not release, sell, license, or otherwise distribute the gunfire alert Data to the press or media without the prior express written consent of an authorized representative of the Customer.

Customer shall have the unrestricted right to download, make copies of, distribute, and use the Data within its own organization, exclusively for its own internal purposes, and for purposes of detecting and locating gunfire, routine archival recordkeeping, evidence preservation, and investigative, or evidentiary, and prosecutorial purposes. Customer shall not provide to, license the use of, or sell Data to any third parties, which restriction will not pertain to the collaboration with other law enforcement agencies for the purposes of investigating and prosecuting crimes detected by the ShotSpotter systems.

**B. License and Restrictions.**

**Software and Subscription Services.** The Software is the proprietary product of ShotSpotter, licensed to Customer on an annual subscription basis. The ShotSpotter Software may incorporate components supplied to ShotSpotter under license by third-party suppliers, and may be protected by United States patent, trade secret, copyright law and international treaty provisions. All such rights in and to the Software and Subscription Services any part thereof is the property of ShotSpotter or, if applicable, its suppliers. All right and title to the ShotSpotter computer programs, including, but not limited to related documentation, technology, know-how and processes embodied in or made available to Customer in connection with the Subscription Services, patent rights, copyrights, trade secret rights, trademarks, and services marks remain with ShotSpotter. Customer may not make any copies of the written materials or documentation that accompany any component of the Software, or use them, or any other information concerning the Subscription Services that ShotSpotter has designated as confidential, for any purpose other than bona fide use of the Subscription Services or Software for in accordance with the terms of this Agreement, nor allow anyone else to do so. Customer shall not: (i) modify, adapt, alter, translate, copy, perform, or display (publicly or otherwise) or create compilations, derivative, new, or other works based, in whole or in part, on the Software, or on the Subscription Services; (ii) merge, combine, integrate, or bundle the Software, in whole or in part, with other software, hardware, data, devices, systems, technologies, products, services, functions, or capabilities; (iii) transfer, distribute, make available the Subscription Services, or Software to any person other than Customer; or (iv) sell, resell, sublicense, lease, rent, or loan the Subscription Services or Software, in whole or in part. No component of the Subscription Services, or Software may be used to operate a service bureau, rental or time-sharing arrangement.

**Data.** Customer's rights to use the Data are defined in paragraph A of this section 5.



Nothing in this Agreement shall be construed as granting any right or title to the Software, Data or any component thereof, or any other intellectual property of ShotSpotter or its suppliers to Customer.

Customer shall not alter, remove or obscure any copyright, patent, trademarks, confidential, proprietary, or restrictive notices or markings on any component of the Subscription Services, Software or any documentation.

Customer acknowledges that the ShotSpotter System has been determined by the United States Department of State to be a controlled commodity, software and/or technology subject to the United States Export Administration Regulations of the U.S. Department of Commerce. Customer is specifically prohibited from the export, or re-export, transfer, consignment, shipment, delivery, downloading, uploading, or transmitting in any form, any ShotSpotter Software, Data, documentation, or any component thereof or underlying information or technology related thereto, to any third party, government, or country for any end uses except in strict compliance with applicable U.S. export controls laws, and only with the express prior written agreement of ShotSpotter. In the event that such written agreement is provided, Customer shall be responsible for complying with all applicable export laws and regulations of the United States and destination country, including, but not limited to the United States Export Administration Regulations of the U.S. Department of Commerce, including the sanctions laws administered by the U.S. Department of Treasury, Office of Foreign Assets Control (OFAC), the U.S. Anti-Boycott regulations, and any applicable laws of Customer's country. In this respect, no resale, transfer, or re-export of the ShotSpotter Respond System or any ShotSpotter Respond System component exported to Customer pursuant to a license from the U.S. Department of Commerce may be resold, transferred, or reported without prior authorization by the U.S. Government. Customer agrees not to export, re-export or engage in any "deemed export," or to transfer or deliver, or to disclose or furnish, to any foreign (non- U.S.) government, foreign (non-U.S.) person or third party, or to any U.S. person or entity, any of the ShotSpotter Respond System, or ShotSpotter Respond System components, Data, Software, Services, or any technical data or output data or direct data product thereof, or any service related thereto, in violation of any such restrictions, laws or regulations, or without all necessary registrations, licenses and or approvals. Customer shall bear all expenses relating to any necessary registrations, licenses or approvals.

Use, duplication, or disclosure by applicable U.S. government agencies is subject to restrictions as set forth in the provisions of DFARS 48 CFR 252.227-7013 or FAR 48 CFR 52.227-14, as applicable.

In addition to the foregoing, Customer shall not disclose, discuss, download, ship, transfer, deliver, furnish, or otherwise export or re-export any such item(s) to or through: (a) any person or entity on the U.S Department of Commerce Bureau of Industry and Security's List of Denied Persons or Bureau of Export Administration's anti-proliferation Entity List; (b) any person on the U.S. Department of State's List of Debarred Parties; (c) any person or entity on the U.S. Treasury Department Office of Foreign Asset Control's List of Specially Designated Nationals and Blocked Persons; or (d) any third party or for any end-use prohibited by law or regulation, as any and all of the same may be amended from time to time, or any successor thereto.

#### C. Termination.

Customer agrees that its right to use the Subscription Services, Software and Data will terminate following thirty (30) day's prior written notice due to a material breach of the terms of this Agreement, including failure to pay any sums to ShotSpotter when due, or failure to renew the Subscription Services prior to expiration of the then current subscription term unless such has been cured within said thirty (30) day period. In the event of a breach of ShotSpotter's intellectual property rights, ShotSpotter at its sole discretion may terminate this Agreement immediately upon written notice to Customer. In the event of termination, Customer's access to the Data and Software will be terminated, and ShotSpotter will cease delivering Reviewed Alerts, and disable Customer's access to the Data. Customer agrees that ShotSpotter shall not be liable to Customer nor to any third party for any suspension of the Subscription Services resulting from Customer's nonpayment of the Subscription Services fees as described in this section.

**D. Modification to, or Discontinuation of the Subscription Services.**

Upon reasonable notice to Customer, ShotSpotter reserves the right at its discretion to modify, temporarily or permanently, the Subscription Services (or any part thereof). In the event that ShotSpotter modifies the Subscription Services in a manner which removes or disables a feature or functionality on which Customer materially relies, ShotSpotter, at Customer's request, shall use commercially reasonable efforts to restore such functionality to Customer. In the event that ShotSpotter is unable to substantially restore such functionality, Customer shall have the right to terminate the Agreement and receive a pro-rata refund of the annual Subscription Services fees paid under the Agreement for the subscription term in which this Agreement is terminated. Customer acknowledges that ShotSpotter reserves the right to discontinue offering the Subscription Services at the conclusion of Customer's then current term. Customer agrees that ShotSpotter shall not be liable to Customer or to any third party for any modification of the Subscription Services as described in this section.

**E. New Applications.**

From time to time, at ShotSpotter's discretion, ShotSpotter may release to its customer base, new applications supplemental to the Subscription Services. Customer's use of such new applications shall be subject to the license, warranty, intellectual property, and support terms of this Agreement. Prior to general release, ShotSpotter may request Customer to act as a pre-release test site for new applications, or major upgrades. Provided that Customer agrees in writing to such request, ShotSpotter will provide a pre-release package explaining the details and requirements for Customer's participation.

**F. No Use by Third Parties.**

Use by anyone other than Customer of the Subscription Services, documentation, and Data is prohibited, unless pursuant to a valid assignment of this Agreement as set forth in Section 18 of this Agreement.

**6. CONFIDENTIALITY AND PROPRIETARY RIGHTS; FOIA**

**A. ShotSpotter Privacy Policy.**

ShotSpotter has structured its technology, processes and policies in such a way as to minimize the risk of privacy infringements from audio surveillance while still delivering important public safety benefits to its customers. These efforts to maintain privacy include the following:



- 1) ShotSpotter will not provide extended audio to customers beyond the audio snippet (1 second of ambient noise prior to a gunshot, the gunshot audio itself, and 1 second after the incident). ShotSpotter will vigorously resist any subpoena or court order for extended audio that goes beyond an audio snippet.
- 2) ShotSpotter will not provide a list or database of the precise location of Sensors to police or the public if requested and will challenge any subpoenas for this location data.

**B. ShotSpotter Confidential Information.**

Customer acknowledges and agrees that the source code, technology, and internal structure of the Software, Data, and Subscription Services, as well as documentation, operations manual(s) and training material(s), are the confidential information and proprietary trade secrets of ShotSpotter, the value of which would be destroyed by disclosure to the public. Use by anyone other than Customer of the Subscription Services, documentation, and Data is prohibited, unless pursuant to a valid assignment under this Agreement. Customer shall not disassemble, decompile, or otherwise reverse engineer or attempt to reconstruct, derive, or discover any source code, underlying ideas, algorithms, formulae, routines, file formats, data structures, programming, routines, interoperability interfaces, drawings, or plans from the Software, or any data or information created, compiled, displayed, or accessible through the Subscription Services, in whole or in part. Customer agrees during the term of this Agreement, and thereafter, to hold the confidential information and proprietary trade secrets of ShotSpotter in strict confidence and to not permit any person or entity to obtain access to it except as required for the Customer's exercise of the license rights granted under this Agreement. Nothing in this Agreement is intended to or shall limit any rights or remedies under applicable law relating to trade secrets, including the Uniform Trade Secrets Act as enacted in applicable jurisdictions.

**C. Customer Confidential Information**

During the term of this Agreement or any subsequent renewals, ShotSpotter agrees to maintain Customer information designated by the Customer as confidential to which ShotSpotter gains access in the performance of its obligations under this Agreement, and not disclose such Customer Confidential Information to any third parties except as may be required by law. ShotSpotter agrees that Customer's Confidential Information shall be used solely for the purpose of performing ShotSpotter's obligations under this Agreement.

**D. Obligations of the Parties.**

The receiving Party's ("Recipient") obligations under this section shall not apply to any of the disclosing Party's ("Discloser") Confidential Information that Recipient can document: (a) was in the public domain at or subsequent to the time such Confidential Information was communicated to Recipient by Discloser through no fault of Recipient; (b) was rightfully in Recipient's possession free of any obligation of confidence at or subsequent to the time such Confidential Information was communicated to Recipient by such Discloser; (c) was developed by employees or agents of Recipient independently of and without reference to any of Discloser's Confidential Information; or (d) was communicated by Discloser to an unaffiliated third party free of any obligation of confidence. A disclosure by Recipient of any Discloser Confidential Information (a) in response to a valid order by a court or other governmental body; (b) as otherwise required by law; or (c) necessary to establish the rights of either party under this Agreement shall not be considered to be a breach of



this Agreement by the Recipient; provided, however, that Recipient shall provide prompt prior written notice thereof to the Discloser to enable Discloser to seek a protective order or otherwise prevent such disclosure. The Recipient shall use reasonable controls to protect the confidentiality of and restrict access to all Confidential Information of the Discloser to those persons having a specific need to know for the purpose of performing the Recipient's obligations under this Agreement. The Recipient shall use controls no less protective than Recipient uses to secure and protect its own confidential, but not "Classified" or otherwise Government-legended, information. Upon termination of this Agreement the Recipient, as directed by the Discloser, shall either return the Discloser's Confidential Information, or destroy all copies thereof and verify such destruction in writing to the Discloser.

Unless the Recipient obtains prior written consent from the Discloser, the Recipient agrees that it will not reproduce, use for purposes other than those expressly permitted in this Agreement, disclose, sell, license, afford access to, distribute, or disseminate any information designated by the Discloser as confidential.

- E. ShotSpotter acknowledges and understands that the City is a public body, and is therefore subject to the Illinois Freedom of Information Act (5 ILCS 140/1, "FOIA"). In accordance with Section 7(2) of FOIA, ShotSpotter agrees to cooperate with the City if a FOIA request is received for public records that are in ShotSpotter's possession. Unless such records or portions thereof are exempt from disclosure under FOIA, ShotSpotter will provide any such records to the City within two (2) business days of the City making such a request.

## 7. LIMITED WARRANTIES

ShotSpotter warrants that the Software will function in substantial conformity with the ShotSpotter documentation accompanying the Software and Subscription Services. The Software covered under this warranty consists exclusively of the ShotSpotter Dispatch, ShotSpotter Respond, and ShotSpotter Insight applications and user interface made available to the Customer under this Agreement. ShotSpotter will provide support services as defined in Exhibit B Service Level Agreement.

- A. ShotSpotter further warrants that the Subscription Services, Data, and Software shall be free of viruses, Trojan horses, worms, spyware, or other malicious code or components.
- B. The Subscription Services are not designed, sold, or intended to be used to detect, intercept, transmit, or record oral or other communications of any kind. ShotSpotter cannot control how the Subscription Services are used, and, accordingly, ShotSpotter does not warrant or represent, expressly or implicitly, that use of the Subscription Services will comply or conform to the requirements of federal, state, or local statutes, ordinances, and laws, or that use of the Subscription Services will not violate the privacy rights of third parties. Customer shall be solely responsible for using the Subscription Services in full compliance with applicable law and the rights of third persons.
- C. ShotSpotter does not warrant or represent, expressly or implicitly, that the Software or Subscription Services or its use will: result in the prevention of crime, apprehension or conviction of any perpetrator of any crime, or detection of any criminal; prevent any loss, death, injury, or damage to property due to the discharge of a firearm or other weapon; in all cases result in a Reviewed Alert for all firearm discharges within the designated coverage area; or that the ShotSpotter-supplied

network will remain in operation at all times or under all conditions.

- D. ShotSpotter expressly disclaims, and does not undertake or assume any duty, obligation, or responsibility for any decisions, actions, reactions, responses, failure to act, or inaction, by Customer as a result of or in reliance on, in whole or in part, any Subscription Services or Reviewed Alerts provided by ShotSpotter, or for any consequences or outcomes, including any death, injury, or loss or damage to any property, arising from or caused by any such decisions, actions, reactions, responses, failure to act, or inaction. It shall be the sole and exclusive responsibility of the Customer to determine appropriate decisions, actions, reactions, or responses, including whether or not to dispatch emergency responder resources. The Customer hereby expressly assumes all risks and liability associated with any and all action, reaction, response, and dispatch decisions, and for all consequences and outcomes arising from or caused by any decisions made or not made by the Customer in reliance, in whole or in part, on any Subscription Services provided by ShotSpotter, including any death, injury, or loss or damage to any property.
- E. Any and all warranties, express or implied, of fitness for high-risk purposes requiring fail-safe performance are hereby expressly disclaimed.
- F. The Parties acknowledge and agree that the Subscription Services is not a consumer good, and is not intended for sale to or use by or for personal, family, or household use.

**EXCEPT AS EXPRESSLY SET FORTH IN THIS SECTION 7, SHOTSPOTTER MAKES AND CUSTOMER RECEIVES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF NON-INFRINGEMENT, QUALITY, SUITABILITY, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**

#### **8. CUSTOMER OBLIGATIONS.**

Customer acknowledges and agrees that ShotSpotter's duties, including warranty obligations, and ability to perform its obligations to Customer under this Agreement shall be predicated and conditioned upon Customer's timely performance of and compliance with Customer's obligations hereunder, including, but not limited to:

- A. Customer agrees to pay all sums due under this Agreement when they are due pursuant to the payment terms in Exhibit A for implementation, and ongoing annual subscription fees. Actual access and use of the ShotSpotter Service shall constitute evidence that the Subscription Services are active, and the final implementation payment is due.
  - Customer's address for invoicing:
  - City of Aurora
  - Attn: Accounts Payable
  - 44 E. Downer Place
  - Aurora, IL 60505
- B. Customer agrees to use reasonable efforts to timely perform and comply with all of Customer's obligations allocated to Customer under this Agreement, including providing assistance to ShotSpotter, as needed in obtaining premise permissions for installation of the Sensors.
- C. Customer shall not permit any alteration, modification, substitution, or supplementation of the ShotSpotter Subscription Services or web portal, or the combining, connection, merging, bundling,



or integration of the ShotSpotter Subscription Services or web portal into or with any other system, equipment, hardware, software, technology, function, or capability, without ShotSpotter's express prior written consent.

- D. Unless otherwise expressly agreed in advance in writing by ShotSpotter, Customer shall not authorize or appoint any contractors, subcontractors, original equipment manufacturers, value added integrators, systems integrators, or other third parties to operate, or have access to any part of the Subscription Services.
- E. In order to use the Subscription Services, Customer must have and maintain access to the World Wide Web to enable a secure https connection from the Customer's workstation(s) to ShotSpotter's hosted services, either directly or through devices that access Web-based content. Customer must also provide all equipment necessary to make such (and maintain such) connection.
- F. ShotSpotter will assist the Customer in initially setting up passwords and user names for Customer's employees, agents, or representatives to whom Customer designates access to the Subscription Services ("Authorized Users"). Thereafter, Customer shall be responsible for assigning passwords and user names for its Authorized Users. Customer shall be responsible for maintaining the confidentiality and use of Customer's password and user names and shall not allow passwords and/or user names to be shared by Authorized Users; nor shall Customer permit any unauthorized users to access the Subscription Services.
- G. Customer shall comply with all applicable laws, rules and regulations relating to the goods and services provided hereunder.

## 9. INTELLECTUAL PROPERTY INFRINGEMENT

ShotSpotter will, at its expense, defend and indemnify Customer from and against losses, suits, damages, liability, and expenses (including reasonable attorney fees) arising out of a claim asserted in a lawsuit or action against the Customer by a third party unrelated to the Customer, in which such third party asserts a claim that the Subscription Services and/or Software, when used in accordance with ShotSpotter's user documentation, infringes any United States patent which was issued by the U.S. Patent and Trademark Office, or United States copyright which was registered by the U.S. Copyright Office, as of the effective date of Customer's agreement to license the ShotSpotter Respond System (collectively "Action"), provided that Customer provides ShotSpotter with reasonably prompt notice of any such Action, or circumstances of which Customer becomes aware that could reasonably be expected to lead to such Action including but not limited to any cease and desist demands or warnings, and further provided that Customer cooperates with ShotSpotter and its defense counsel in the investigation and defense of such Action.

ShotSpotter shall have the right to choose counsel to defend such suit and/or action, and to control the settlement (including determining the terms and conditions of settlement) and the defense thereof. Customer may participate in the defense of such action at its own expense.

This Section 9 shall not apply and ShotSpotter shall have no obligation to defend and indemnify Customer in the event the Customer or a third party modifies, alters, substitutes, or supplements any of the Subscription Services, or Software, or to the extent that the claim of infringement arises from or relates to the integration, bundling, merger, or combination of any of the same with other hardware, software, systems, technologies, or components, functions, capabilities, or applications not licensed by ShotSpotter



as part of the Subscription Services, nor shall it apply to the extent that the claim of infringement arises from or relates to meeting or conforming to any instruction, design, direction, or specification furnished by the Customer, nor to the extent that the Subscription Services or Software are used for or in connection with any purpose, application, or function other than detecting and locating gunshots exclusively through acoustic means.

If, in ShotSpotter's opinion, the Subscription Services, or Software may, or is likely to become, the subject of such a suit or action, does become the subject of a claim asserted against Customer in a lawsuit which ShotSpotter is or may be obliged to defend under this section, or is determined to infringe the foregoing patents or copyrights of another in a final, non-appealable judgment subject to ShotSpotter's obligations under this section, then ShotSpotter may in full and final satisfaction of any and all of its obligations under this section, at its option: (1) procure for Customer the right to continue using the affected Subscription Services or Software, (2) modify or replace such Subscription Services or Software to make it or them non-infringing, or (3) refund to Customer a pro-rata portion of the annual Subscription Services fees paid for the Subscription Services for the term in which the Agreement is terminated.

**This Section 9 states the entire liability of ShotSpotter and is Customer's exclusive remedy for or relating to infringement or claims or allegations of infringement of any patent, copyright, or other intellectual property rights in or to the Subscription Services, the ShotSpotter Gunshot Detection, Location and Forensic Analysis Service components, and Software. This section is in lieu of and replaces any other expressed, implied, or statutory warranty against infringement of any and all intellectual property rights.**

#### **10. INDEMNIFICATION AND LIMITATION OF LIABILITY**

ShotSpotter shall, at its expense, indemnify, defend, save, and hold Customer harmless from any and all claims, lawsuits, or liability, including attorneys' fees and costs, arising out of, in connection with, any loss, damage, or injury to persons or property to the extent of the gross negligence, or wrongful act, error, or omission of ShotSpotter, its employees, agents, or subcontractors as a result of ShotSpotter's or any of its employees, agents, or subcontractor's performance pursuant to this Agreement. ShotSpotter shall not be required to indemnify Customer for any claims or actions caused to the extent of the negligence or wrongful act of Customer, its employees, agents, or contractors. Notwithstanding the foregoing, if a claim, lawsuit, or liability results from or is contributed to by the actions or omissions of Customer, or its employees, agents, or contractors, ShotSpotter's obligations under this provision shall be reduced to the extent of such actions or omissions based upon the principle of comparative fault.

**In no event shall either Party, or any of its affiliates or any of its/their respective directors, officers, members, attorneys, employees, or agents, be liable to the other Party under any legal or equitable theory or claim, for lost profits, lost revenues, lost business opportunities, exemplary, punitive, special, indirect, incidental, or consequential damages, each of which is hereby excluded by agreement of the Parties, regardless of whether such damages were foreseeable or whether any Party or any entity has been advised of the possibility of such damages.**

**Except for its Intellectual Property infringement indemnity obligations under Section 9 of this Agreement, ShotSpotter's cumulative liability for all losses, claims, suits, controversies, breaches or damages for any cause whatsoever arising out of or related to this Agreement, whether in contract, tort, by way of indemnification or under statute, and regardless of the form of action or legal theory shall not exceed two (2) times the amount paid to ShotSpotter under this Agreement,**



or the amount of insurance maintained by ShotSpotter available to cover the loss, whichever is greater. The foregoing limitations shall apply without regard to any failure of essential purpose of any remedies given herein.

#### **11. DEFAULT AND TERMINATION; REMEDIES**

Either Party may terminate this Agreement in the event of a material breach of the terms and conditions of this Agreement upon thirty (30) days' prior written notice to the other Party; provided that the Party alleged to be in breach has not cured such breach within said thirty (30) day period.

In addition to the termination provisions in Section 5.C for failure to pay annual Subscription Services fees, upon the occurrence of a material breach of Customer's obligations under this Agreement not susceptible to cure as provided in the preceding paragraph, ShotSpotter may at its option, effective immediately upon written notice to Customer, either: (i) terminate ShotSpotter's future obligations under this Agreement, terminate Customer's License to use the Subscription Services and Software, or (ii) accelerate and declare immediately due and payable all remaining charges for the remainder of the Agreement and proceed in any lawful manner to obtain satisfaction of the same. In either case, Customer shall also be responsible for paying court costs and reasonable attorneys' fees incurred by or on behalf of ShotSpotter, as well as applicable repossession, shipping, repair, and refurbishing costs.

#### **12. TAXES**

Unless otherwise included as a line item in Exhibit A, the fees due under this Agreement exclude any sales, use, value added or similar taxes that may be imposed in connection with this Agreement. Customer agrees that it shall be solely responsible for payment, or reimbursement to ShotSpotter as applicable, of all sales, use, value added or similar taxes imposed upon this Agreement by any level of government, whether due at the time of sale or asserted later as a result of audit of the financial records of either Customer or ShotSpotter. If exempt from such taxes, Customer shall provide to ShotSpotter written evidence of such exemption. Customer shall also pay any personal property taxes levied by government agencies based upon Customer's use or possession of the items acquired or licensed in this Agreement.

#### **13. NOTICES**

Any notice or other communication required or permitted to be given under this Agreement shall be in writing delivered to the address set forth in this Agreement by certified mail return receipt; overnight delivery services; or delivered in person. A Party's address may be changed by written notice to the other Party.

#### **14. FORCE MAJEURE**

In no event shall ShotSpotter be liable for any delay or default in its performance of any obligation under this Agreement caused directly or indirectly by an act or omission of Customer, or persons acting under its direction and/or control, fire, flood, act of God, an act or omission of civil or military authority of a state or nation, strike, lockout, or other labor disputes, inability to secure, delay in securing, or shortage of labor, materials, supplies, transportation, or energy, failures, outages or denial of services of wireless, power, telecommunications, or computer networks, acts of terrorism, sabotage, vandalism, hacking, natural disaster or emergency, war, riot, embargo, or civil disturbance, breakdown or destruction of plant or equipment, or arising from any cause whatsoever beyond ShotSpotter's reasonable control. At ShotSpotter's option and following notice to Customer, any of the foregoing causes shall be deemed to suspend such obligations of ShotSpotter so long as any such cause shall prevent or delay performance,

and ShotSpotter agrees to make and Customer agrees to accept performance of such obligations whenever such cause has been remedied.

#### **15. ENTIRE AGREEMENT**

This Agreement and its Exhibits represent the entire agreement and understanding of the Parties and a final expression of their agreements with respect to the subject matter of this Agreement and supersedes all prior written or oral agreements, representations, understandings, or negotiations with respect to the matters covered by this Agreement.

#### **16. GOVERNING LAW**

The validity, performance, and construction of this Agreement shall be governed by the laws of the state of Illinois, without giving effect to the conflict of law principles thereof. The United Nations Convention on Contracts for the International Sale of Goods is expressly disclaimed and shall not apply.

#### **17. NO WAIVER**

No term or provision of this Agreement shall be deemed waived and no breach excused unless such waiver or consent is in writing and signed by both Parties. Any consent by either Party to, or waiver of, a breach by the other, whether expressed or implied, shall not constitute a consent to, waiver of, or excuse for any other, different, prior, or subsequent breach.

The failure of either Party to enforce at any time any of the provisions of this Agreement shall not constitute a present or future waiver of any such provisions or the right of either Party to enforce each and every provision.

#### **18. SEVERABILITY**

If any term, clause, sentence, paragraph, article, subsection, section, provision, condition or covenant of this Agreement is held to be invalid or unenforceable, for any reason, it shall not affect, impair, invalidate or nullify the remainder of this Agreement, but the effect thereof shall be confined to the term, clause, sentence, paragraph, article, subsection, section, provision, condition or covenant of this Agreement so adjudged to be invalid or unenforceable.

#### **19. DISPUTE RESOLUTION**

If the Parties disagree as to any matter arising under this Agreement or the relationship and dealings of the Parties hereto, then at the request of either Party, ShotSpotter and Customer shall promptly consult with one another and make diligent, good faith efforts to resolve the disagreement by negotiation prior to either Party taking legal action. If such negotiations do not resolve the dispute within sixty (60) days of the initial request, either Party may take appropriate legal action.

#### **20. ASSIGNMENT**

This Agreement may not be assigned or transferred by either Party, nor any of the rights granted herein, in whole or in part, by operation of law or otherwise, without the other Party's express prior written consent, which shall not be unreasonably withheld. Provided, however, that ShotSpotter may assign or transfer this Agreement and/or ShotSpotter's rights and obligations hereunder, in whole or in part, in the event of a merger or acquisition of all or substantially all of ShotSpotter's assets. No assignee for the benefit of



Customer's creditors, custodian, receiver, trustee in bankruptcy, debtor in possession, sheriff, or any other officer of a court, or other person charged with taking custody of Customer's assets or business, shall have any right to continue or to assume or to assign these without ShotSpotter's express consent.

## **21. COMPLIANCE WITH LAWS**

During the term of this Agreement ShotSpotter will comply with all applicable local, state, and federal laws, statutes and regulations.

## **22. EQUAL EMPLOYMENT OPPORTUNITY**

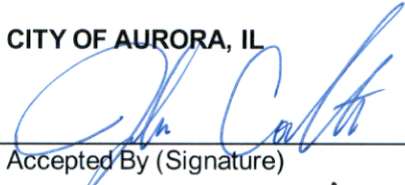
ShotSpotter is committed to equal-employment principles, and the provisions outlined in the Equal Opportunity Clauses of Executive Order 11246, (41 CFR 60- 1.4), section 503 of the Rehabilitation Act of 1973, (41 CFR 60-741.5(a)), section 402 of the Vietnam Era Veterans Readjustment Act of 1974, (41 CFR 60-250.5(a)), and, the Jobs for Veterans Act of 2003, (41 CFR 60-300.5(a)) as well as any other regulations pertaining to these orders. ShotSpotter's decisions and criteria governing its hiring and employment practices are made in a non-discriminatory manner, without regard to age, race, color, national origin, citizenship status, gender (including pregnancy, childbirth or medical condition related to pregnancy or childbirth), gender identity or expression, sex, religion, creed, physical or mental disability, medical condition, legally protected genetic information, marital status, veteran status, military status, sexual orientation, or any other factor determined to be an unlawful basis for such decisions by federal, state, or local statutes.

## **23. GENERAL PROVISIONS**

- A. This Agreement shall be binding on and inure to the benefit of the Parties and any permitted successors and assigns; however, nothing in this paragraph shall be construed as a consent to any assignment by either Party except as provided in Section 20 of this Agreement.
- B. This Agreement shall not become a binding contract until signed by an authorized representative of each Party, effective as of the date of signature.
- C. This Agreement may be executed in any number of identical counterparts, each of which shall be deemed a duplicate original.
- D. The provisions of this Agreement shall not be construed in favor of or against either Party because that Party or its legal counsel drafted this Agreement, but shall be construed as if all Parties prepared this Agreement.
- E. A facsimile or scanned signature copy of this Agreement and its Exhibits, notices and documents prepared under this Agreement shall be considered an original. The Parties agree that any document in electronic format or any document reproduced from an electronic format shall not be denied legal effect, validity, or enforceability, and shall meet any requirement to provide an original or hard copy.
- F. This Agreement is made for the benefit of the Parties, and is not intended to benefit any third party or be enforceable by any third party. The rights of the Parties to terminate, rescind, or agree to any amendment, waiver, variation or settlement under or relating to this Agreement are not subject to the consent of any third party.

EACH PARTY'S ACCEPTANCE HEREOF IS EXPRESSLY LIMITED TO THE TERMS OF THIS AGREEMENT AND NO DIFFERENT OR ADDITIONAL TERMS CONTAINED IN ANY CONFIRMATION, PURCHASE ORDER, AMENDMENT OR OTHER BUSINESS FORM, WRITING OR MATERIAL SHALL HAVE ANY FORCE OR EFFECT UNLESS EXPRESSLY AGREED TO IN WRITING BY THE PARTIES.

CITY OF AURORA, IL



Accepted By (Signature)

Jolene Coulter

Printed Name

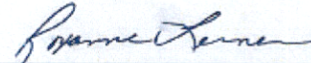
Director of Purchasing

Title

March 7, 2022

Date

SHOTSPOTTER. INC.



Accepted By (Signature)

Roxanne Lerner

Printed Name

Contracts Manager

Title

23 February 2022

Date



**EXHIBIT A – SHOTSPOTTER PROPOSAL**

ShotSpotter Proposal No.: AURIL122321 (Attached)

**EXHIBIT B – SERVICE LEVEL AGREEMENT****ShotSpotter Respond Gunshot Location System****Reviewed Alert Service Levels****Summary**

Under the terms and conditions of the ShotSpotter Services Agreement between ShotSpotter, Inc. ("ShotSpotter") and Customer, ShotSpotter commits to meet or exceed the following Service Level Agreement (SLA) standards as it provides its ShotSpotter Gunshot Location Services<sup>1</sup>:

Service	SLA and Measurement
Gunshot Detection & Location	90% of unsuppressed, outdoor gunfire incidents, using standard, commercially available rounds greater than .25 caliber, inside the Coverage Area will be detected and located within 25 meters of the actual gunshot location.
Reviewed Alerts	90% of gunshot incidents will be reviewed and published in less than 60 seconds.
Service Availability	The ShotSpotter Gunshot Location System service will be available to the Customer 99.9% of the time with online access to ShotSpotter data, excluding scheduled maintenance windows.

**Gunshot Detection & Location Performance**

ShotSpotter will detect and accurately locate to within 25 meters of the actual gunshot location 90% of unsuppressed, outdoor gunshots fired inside the contracted coverage area using standard, commercially available rounds greater than .25 caliber.

**Reviewed Alerts Service**

The ShotSpotter real-time Incident Review Center (IRC) will review at least 90% of all gunfire incidents within 60 seconds. This human review is intended to confirm or change the machine classification of the incident type, and, depending on the reviewer's confidence level that the incident is or may be gunfire, will result in an alert ("Reviewed Alert") sent to the Customer's dispatch center, patrol car mobile data terminals (MDT), and officer smartphones (via the ShotSpotter App), based on the following criteria:

Incident Type	Action
High confidence incident is gunfire	Reviewed Gunfire Alert, (Single Gunshot "SG" or Multiple Gunshots "MG") sent to Customer's dispatch center, patrol car mobile data terminals (MDT), and officer smartphones (via the ShotSpotter Respond App)
Uncertain if incident is gunfire or not	Reviewed Probable Gunfire ("PG") Alert sent to Customer's dispatch center, patrol car MDTs, and officer smartphones
Low confidence incident is gunfire	<b>No alert</b> will be sent; incident available for Customer review in the incident history available through Insight

<sup>1</sup> See attached "ShotSpotter – Definition of Key Terms" for a complete definition of terms associated with this SLA and further details in the expanded definitions listed below the Summary. The basis for this SLA and performance measurement will be total gunshot incidents as defined by the Definition of Key Terms.



Reviewed Alerts are sent to the Customer's dispatch center, patrol car MDTs, and officer smartphones. Information in a Reviewed Alert will include the following:

- "Dot on the map" with latitude and longitude indicating the location of the incident.
- Parcel address closest to location of the incident.
- When available, additional situational awareness data points may be included, such as:
  - Qualitative data on the type/severity of incident: Fully automatic, High Capacity
  - Other comments (if any)

The ShotSpotter Respond App, and Insight provide the Customer with full and immediate access to incident history including information ShotSpotter uses in its internal review process. This information includes, among other things, the initial incident classification and any reclassifications of an incident, incident audio wave forms, and incident audio files. This data access is available as long as the Customer is under active subscription.

### **Service Availability**

The ShotSpotter Respond System<sup>2</sup> will be able to detect gunfire and available to users with online access to ShotSpotter data 99.9% of the time, on a 24x7 by 365 day per year basis, excluding: a) scheduled maintenance periods which will be announced to Customer in advance; b) select holidays; and c) third party network outages beyond ShotSpotter's control.

### **Customer SLA Credits**

Each Service Level measurement shall be determined quarterly, the results of which will be reviewed during the periodic account review meetings with Customer. For each calendar quarter that ShotSpotter does not meet at least two of the three above standards, a fee reduction representing one free week of service (for the affected Coverage Area) for each missed quarter shall be included during a future Customer renewal.

### **Service Level Exclusions and Modifications**

ShotSpotter takes commercially reasonable efforts to maintain Service Levels at all times. However, Service Level performance during New Year's Eve and Independence Day and the 48-hour periods before and after these holidays, are specifically excluded from Service Level standards. During these excluded periods, because of the large amount of fireworks activity, ShotSpotter uses fireworks suppression techniques<sup>3</sup>.

The ShotSpotter sensors send incident information to the ShotSpotter cloud via third party cellular, wireless or wired networks. ShotSpotter is not responsible for outages on the third-party networks.

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<sup>2</sup> Respond service includes all database, applications, and communications services hosted by ShotSpotter, Inc. at our data center and specifically exclude Customer's internal network or systems or 3<sup>rd</sup> party communications networks, e.g. Verizon, AT&T, Sprint/T-Mobile, or Customer's Internet Service Provider.

<sup>3</sup> ShotSpotter will put the ShotSpotter system into "fireworks suppression mode" during this period in order to reduce the non-gunfire incidents required for human classification. ShotSpotter will formally inform the customer prior to the system being placed in fireworks suppression mode and when the mode is disabled. While in fireworks suppression mode, the incident alerts determined to be fireworks are not sent to the reviewer nor the Customer dispatch center, patrol car MDTs, and officer smartphones; however, these non-gunfire incidents will continue to be stored in the database for use if required at a later time.

### Service Failure Notification

Should ShotSpotter identify any condition (disruption, degradation or failure of network, cloud, servers, sensors etc.) that impacts ShotSpotter's ability to meet the Gunshot Detection & Location standard (above), ShotSpotter will proactively notify the Customer with: a) a brief explanation of the condition; b) how the Customer's service is affected; and c) the approximate timeframe for resolution. ShotSpotter will also notify the Customer once any such condition is resolved.

### Customer Responsibilities

The purpose of the Reviewed Alert service is to provide incident data to the Customer, reviewed, analyzed and classified in the manner described above. However, it is the sole responsibility of the Customer to interpret the data provided, and to determine any appropriate follow-up reaction or response, including whether or not to dispatch emergency responder resources based on a Reviewed Alert. ShotSpotter does not assume any obligation, duty or responsibility for reaction, response, or dispatch decisions, which are solely and exclusively the responsibility of Customer, or for the consequences or outcomes of any decisions made or not made by the Customer in reliance, in whole or in part, on any services provided by ShotSpotter.

Customer must inform ShotSpotter when Verified Incidents of gunfire are missed by the ShotSpotter Respond System in order to properly calculate Performance Rate, as defined below.

Customer is responsible for providing any required workstations, mobile devices and internet access for the Customer's dispatch center, patrol car MDTs, and officer smartphones, or Insight.

### Support Level Matrix

Support Level	Tier 1 Support (IRC)	Tier 2 Support (Customer Support)
<b>Features</b>	<ul style="list-style-type: none"> <li>• Login support</li> <li>• Report a misclassification</li> <li>• Report a missed incident</li> <li>• Report a mislocated incident</li> <li>• Basic audio request</li> <li>• General/application questions</li> <li>• Request for ILS</li> </ul>	Normal Support: <ul style="list-style-type: none"> <li>• Analysis of missed gunshots</li> <li>• Detailed audio search</li> <li>• Performance analysis</li> <li>• Integration issues</li> </ul> Critical Support: <ul style="list-style-type: none"> <li>• System outage</li> </ul>
<b>Hours of Operation</b>	24x7x365	Normal Support: 5 am – 11 pm Pacific Time Zone Escalation: 24x7x365



### ShotSpotter – Definition of Key Terms

The ShotSpotter Respond System will provide data for correct detection and accurate location for ninety percent (90%) of detectable (outdoor, unsuppressed) community gunfire which occurs within a coverage area, the "Coverage Area", provided the measurement is Statistically Significant, as defined below. This performance rate shall be calculated as a percentage as follows:

$$\text{Performance Rate} = \frac{\text{NumberAccuratelyLocated}}{(\text{NumberAccuratelyLocated} + \text{NumberNotDetected} + \text{NumberMislocated})}$$

where the "Performance Rate" is a number expressed as a percentage, "NumberAccuratelyLocated" is the number of "Gunfire Incidents" occurring within the Coverage Area during the specified period for which the ShotSpotter Respond System produced an Accurate Location, NumberMislocated is the number of Verified Incidents (a "Verified Incident" is an incident where Customer has physical or other credible evidence that gunfire took place) for which the ShotSpotter Respond System produced an inaccurate location (i.e., a Mislocated Incident), and NumberNotDetected is the number of Verified Incidents for which the ShotSpotter Respond System failed to report a location at all (i.e., Missed Incidents).

An "Accurate Location" shall mean an incident located by the ShotSpotter Respond System to a latitude/longitude coordinate that lies within a 25-meter radius of the confirmed shooter's location (25 meters = approximately 82 feet). "Detectable Gunfire" incidents are unsuppressed discharges of ballistic firearms which occur fully outdoors in free space (i.e. not in doorways, vestibules, windows, vehicles, etc.) using standard commercially available rounds of caliber greater than .25.

ShotSpotter Review Period is measured as the period commencing when the Incident Review Center (IRC) receives the alert and the first audio download to the time it is published to the customer

ShotSpotter Respond System performance is guaranteed after a "Statistically Significant" set of incidents has been detected in accordance with timeframes set forth herein and following DQV and commercial system acceptance. The ShotSpotter Respond System is designed to detect gunfire which is typically well distributed throughout the Coverage Area; however, performance should not be construed to mean that 90% of gunfire fired at any given location within the Coverage Area will be detected and located within the guaranteed accuracy.

The ShotSpotter Respond System is not a "point protection" system and is therefore not designed to consistently detect gunfire at every single location within the Coverage Area, but rather to Accurately Locate 90% of the Detectable Incidents in aggregate throughout the entire Coverage Area. There may be certain locations within the Coverage Area where obstacles and ambient noise impede and/or overshadow the propagation of acoustic energy such that locating the origin at those positions is inconsistent or impossible. The Performance Rate calculation is thus specifically tied to the Community Gunfire across the entire Coverage Area.

Statistically Significant shall be defined as measurements and calculations which shall be performed as follows: (a) Across an entire Coverage Area; (b) Aggregating over a period of at least 30 days under weather conditions seasonally normal for the area; and (c) Provided that the total number of gunfire incidents being counted is equal to or greater than: (i) thirty (30) incidents for systems of up to three (3) square miles of Coverage Area, or (ii) ten (10) incidents multiplied by the number of square miles of Coverage Area for systems where one or more Coverage Areas are three (3) square miles or larger.



**Price Proposal for Subscription-Based  
Gunshot Detection, Location, and Forensic Analysis Service  
for the City of Aurora, Illinois**

**December 23, 2021**

**Proposal ID: AURIL122321**

**Submitted by:** Trish Layne, Director – Midwest Region  
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650.887.2106 fax  
[tlayne@shotspotter.com](mailto:tlayne@shotspotter.com)

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Fremont, California 94538  
888.274.6877  
[www.shotspotter.com](http://www.shotspotter.com)



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## Executive Summary

### Introduction

ShotSpotter is pleased to present this proposal in response to the Aurora Police Department's request. The proposed ShotSpotter Respond solution is designed to identify, locate, and track active gunfire, and will support the Department's efforts to more effectively respond to and investigate gunfire incidents. The proposed solution is deployed across the country, serving agencies of all sizes that are committed to leveraging our real-time gunfire intelligence to reduce gun violence and build community trust.

The ShotSpotter gunshot detection, alert, and analysis services provide what would be otherwise unobtainable, critical real-time gunfire intelligence. The core capabilities of the ShotSpotter solution are:

- **DETECT** – ShotSpotter detects and locates gunfire incidents enabling a fast, precise response to over 90% of shooting incidents within the targeted areas. This has a powerful deterrent effect and disrupts the gun violence cycle.
- **PROTECT** – ShotSpotter helps to protect officers by providing them with comprehensive data on the actual amount of gunfire activity that occurs in the neighborhoods they patrol and provides critical situational awareness when responding to specific incidents.
- **CONNECT** – By applying community policing-oriented best practices, ShotSpotter provides a unique opportunity for law enforcement agencies to connect with vulnerable communities. Rapid response to gunfire incidents in communities that have been most impacted by gun violence builds positive attitudes towards law enforcement and leads to more constructive engagements and cooperation.

ShotSpotter has become an indispensable crime-fighting tool for these agencies, in light of the community dynamics that fuel gun violence and the well-documented challenges of relying solely on 9-1-1 calls for service:

- **Under-reporting of persistent gunfire:** Nationwide, on average, less than 20% of gunfire incidents are reported to 9-1-1. Why don't residents call? The answer is complex, but typically involves the following concerns:
  - Recognition: "Was that gunfire, fireworks, or something else?"
  - Retaliation: "If they find out I called, will they come after me?"



- Resignation: "No one came the last time I called..."

Without ShotSpotter, most law enforcement agencies are working with an 80% to 90% deficiency in their gun violence-related intelligence.

- **Late and inaccurate information:** When a citizen reports a gunfire incident, the 9-1-1 call typically comes several minutes after the event has occurred, and, based on analysis, the location provided is usually mislocated by 750 feet (on average). As a result, valuable time and resources are wasted trying to locate the incident, greatly diminishing the opportunity to identify suspects and witnesses, recover evidence, and, most important, render life-saving aid to victims.

The ability to receive near real-time gunfire intelligence data provides law enforcement agencies with a critical advantage in their efforts to reduce and prevent gun violence and improve officer safety. Specific results include:

- Officers can more quickly and more accurately go directly to the scene of the shooting
- Situational awareness is vastly improved over what is available when relying solely on the 9-1-1 system
- Law enforcement has a better chance of arriving before the shooter has left the scene
- Officers are much more likely to find evidence in the form of shell casings (which, in conjunction with NIBIN/IBIS, provide valuable investigative leads) and/or other ground truth that can aid in the investigation
- Officers are more likely to find witnesses who may have information that can aid in the investigation
- Community engagement is heightened, which often translates into more information from the community (e.g., tip lines, field interviews, etc.)
- Targeted enforcement (precision policing) is enhanced
- More court-admissible and scientifically sound forensic evidence is available to strengthen prosecutions of the worst offenders

## How it Works

Based on an analysis of known gunfire-related crimes, the ShotSpotter team designs and deploys networked sensors within the targeted coverage area. These acoustic arrays detect and locate gunshot activity within the coverage area and report that information to ShotSpotter's Incident Review Center (IRC) which is staffed 24/7/365. ShotSpotter uses a two-factor incident review process to minimize false alerts. The first tier is performed by sophisticated AI software. Once the software has performed an initial review and filtered out any incidents that are determined not to be gunfire (e.g., helicopter noise, fireworks, etc.), the data is received at our IRC.

The IRC review process is performed by a team of highly trained acoustic experts. In addition to examination of the incident audio, the review process involves examination of visual characteristics of the detected pulses and the incident, such as the number of participating sensors, the wave form, pulse alignment, and the direction of sound. The IRC review results in publishing (Gunshot or Probable Gunshot) or dismissal (Non-Gunshot) of the incident with a high level of precision. If the reviewer classifies the incident as a gunshot, the reviewer sends an alert, including location information and an audio snippet, to law enforcement agencies via a password-protected application on a mobile phone, in-car laptop, or computer. In addition to the dot on the map and audio, ShotSpotter provides details such as number of shots fired, whether multiple shooters are involved, and whether high-capacity and/or fully automatic weapons are being used. This entire process (i.e., recording the impulsive sound, two-factor review, and publishing alerts to authorized users) is designed to be completed in less than 60 seconds (but is often completed within 25 to 30 seconds).

ShotSpotter customers receive a contextually rich, detailed gunfire alert that enables a fast, precise, and safer response to gunfire incidents. In addition, ShotSpotter alerts can also trigger other technology platforms such as cameras that can pan and zoom in the direction of an event. ShotSpotter has also successfully integrated with a wide range of third-party applications such as CAD, RMS, License Plate Readers, drones, and other applications.

We appreciate your consideration of our proposal. ShotSpotter is committed to your success and we look forward to partnering with you to make ShotSpotter a key component of your efforts to reduce gun crime in the City of Aurora.



## Company History

ShotSpotter was founded in 1995 and has been providing gunshot detection solutions since its inception. ShotSpotter is the world leader in gunshot detection, with nearly 750 square miles operational; more than 14 million incidents reviewed; and 34 issued patents. ShotSpotter is a publicly traded corporation (NASDAQ: SSTI) with approximately 175 full-time employees and is headquartered in Fremont, California.

ShotSpotter provides precision-policing solutions for law enforcement to help deter gun violence and make cities, campuses, and facilities safer. Our flagship product, ShotSpotter Respond™, is the leading gunshot detection, location, and forensic analysis system, and is trusted by 120 cities. Other product offerings include:

- ShotSpotter SecureCampus®, designed to provide outdoor gunfire coverage at university and school campuses
- ShotSpotter SiteSecure™ for critical infrastructure designed to detect gunfire attacks on commercial and federal buildings, electrical substations, airports, and large outdoor structures
- ShotSpotter Connect™ (formerly Missions™), which uses artificial intelligence-driven analysis to help strategically plan patrol missions and tactics for maximum crime deterrence
- ShotSpotter Labs, which focuses on innovative applications of ShotSpotter to help protect wildlife and the environment; currently helping combat rhino poaching in South Africa and will soon launch other applications for global wildlife protection, such as combatting illegal blast fishing in Malaysia with underwater sensors.

## ShotSpotter Respond Service Overview

ShotSpotter helps law enforcement agencies by directing resources to the precise location of more than 90% of gunfire incidents. ShotSpotter rapidly notifies first responders of shootings via dispatch centers, in-vehicle computers, and smart phones. Instant alerts enable first responders to aid victims, collect evidence, and identify witnesses. ShotSpotter's actionable intelligence can then be used to prevent future crimes by positioning law enforcement when and where crime is likely to occur. ShotSpotter gunshot detection and location services are delivered as an easily implemented Software as a Service (SaaS) solution, with no requirement for customer investment in or maintenance of expensive hardware or software. ShotSpotter hosts, secures, monitors, and maintains the ShotSpotter infrastructure. Contracts are based on an affordable one-year or multi-year subscription agreement, and the subscription includes unlimited licenses for the proposed ShotSpotter applications.

## ShotSpotter Dispatch™ and ShotSpotter Respond™ Applications

The ShotSpotter Dispatch and ShotSpotter Respond applications are used by Call Takers, Dispatchers, and Patrol Officers in the field. Real-time notifications of gunfire incidents are delivered to these apps and include the following data:

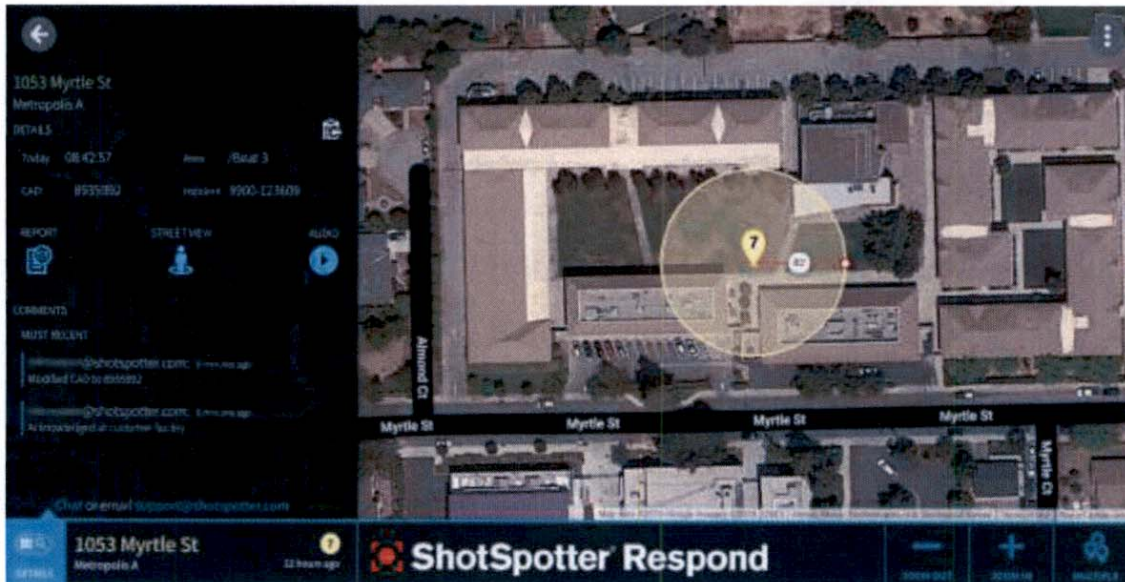
- Incident location (dot on the map)
- Type of gunfire (single round, multiple round)
- Unique identification number
- Date and time of the muzzle blast (trigger time)
- Nearest address of the gunfire location
- Number of shots
- District identification
- Beat identification



Figure 1: ShotSpotter Dispatch App



A ShotSpotter analyst may add other contextual information such as the possibility of multiple shooters, high-capacity weapons, full-automatic weapons, and the shooter's location related to a building (front yard, back yard, street, etc.). The report also includes an audit trail of the time the alert was published, acknowledged, and closed at the customer facility. All notes entered by Call Takers and Dispatchers added to the alert are time- and date-stamped with the operator's ID. For Patrol Officers, the alert includes an audio snippet of the incident.



**Figure 2: ShotSpotter Respond App**

## ShotSpotter Insight™

ShotSpotter Insight™ enables customers to explore details about prior gunshot incidents in their ShotSpotter coverage area and use the data for investigation and analysis. Crime analysts, investigators, and command staff can view, filter, sort, report, and transform historical gunshot data into meaningful insights, ultimately informing strategies for reducing gun violence.

Insight enables users to find and identify the incidents using an extensive array of filters for date, time, location, keywords, single vs. multiple gunshots, patrol areas, as well as shapes drawn on the map. The shape filters narrow a search for shooting incidents within a radius of a known address, across several blocks, or look for and monitor activity on both sides of a jurisdictional border. Saved reports retain common filter settings for quick retrieval (e.g., "District 4 Gunfire – Last 28 days").



**Figure 3: ShotSpotter Insight App**

Insight shows how a shooting event unfolded by watching a shot-by-shot animation that details the location and sequence of each shot. The software also highlights other nearby incidents that may be potentially related based on its relative distance and time of occurrence. Insight comes with a set of reports that make it easy to share incident data throughout an agency:

- The Investigative Lead Summary report give details of a shooting incident including audio, location, sequence, and timing of each shot fired. This report is often used to share incident audio and details with colleagues, aid investigators with collecting evidence at the scene of a shooting and conducting better interviews of witnesses, suspects, and victims, or attach to a case file.
- The Multi-Incident report provides a summary of shooting incidents broken out by single, multiple, and probable gunshot incidents as well as any non-gunfire incidents if they were included in the search. The summary is followed by details for each incident including the date, time, location, number of rounds, CAD ID, Respond ID, and other details.

For custom ad hoc reporting and analysis, Insight can export incident data to other off-the-shelf products such as Microsoft Excel, Tableau, Google Earth, ArcGIS, and other tools.



## Mobile Alerts

Real-time gunfire alert data can be delivered to smart phones and smart watches via the Respond smartphone application, available for use on iPhones and Android platforms. The gunfire location is displayed as a dot on a map, and the data also includes the number of rounds fired and access to the incident audio.



Figure 4: Smart Watch Notification

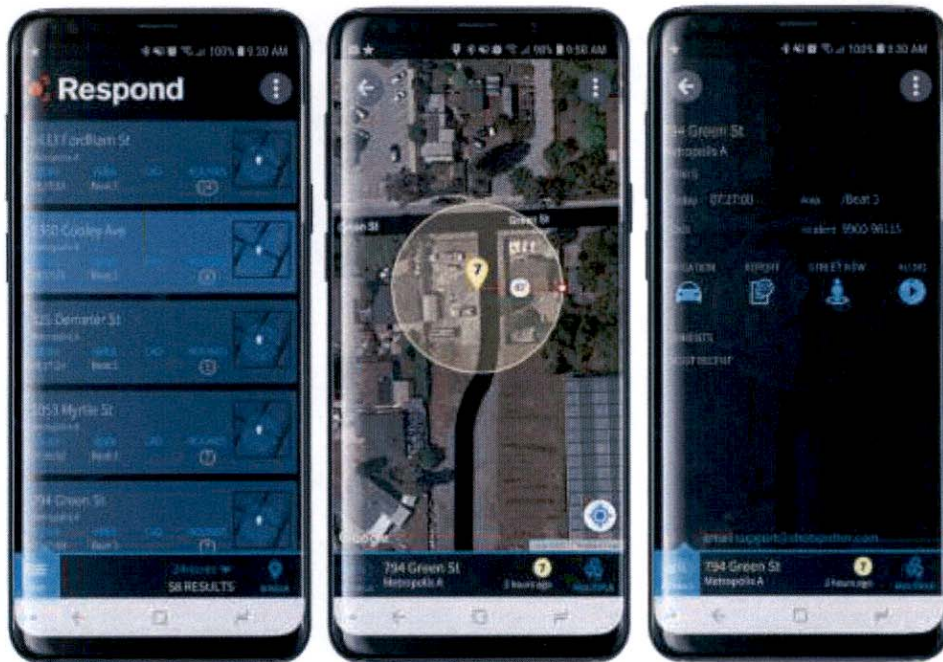


Figure 5: ShotSpotter Respond App Smartphone Notification

### Notifications API (Optional)

The ShotSpotter Notifications API (available as a separately priced option) allows client applications to receive accurate, timely details about ShotSpotter gunfire alerts, including precise latitude and longitude (geolocation), GPS-synchronized timestamps, incident audio, and situational context provided by the 24x7x365 ShotSpotter Incident Review Center. Typical integrations include:

- Video Management Systems (VMS)
- Computer-Aided Dispatch (CAD) systems
- Records Management Systems (RMS)
- Automated License Plate Readers (ALPRs)
- Crime analysis and statistics packages (including COMPSTAT software)

Each Notifications API license pack is available for an annual subscription fee that includes:

- Up to three (3) interfaces
- Establishing an instance of the API for the Department on ShotSpotter-hosted servers
- Consulting with the Department and third parties to ensure the API operates according to the API specifications
- 24x7 alerts to up to three third-party interfaces
- Supporting the third party and Department as systems are upgraded

Additional API licenses can be purchased in packs of three interfaces.



## Investigative Lead Summary

ShotSpotter recently introduced a new, on-demand report available through the ShotSpotter Respond application. The Investigative Lead Summary (ILS) provides useful details about the location, timing, and sequence of each shot fired during an incident. The ILS is very valuable on scene, helping law enforcement find shell casings, confirm witness accounts, and identify suspects. ILS reports are available immediately after an incident occurs through a single click of a button within the mobile, web, or desktop ShotSpotter Respond application.

The ILS will fulfill the majority of law enforcement agency needs, particularly in situations where a report is not intended for presentation to court (since the ILS report is electronically produced, it is not court admissible).

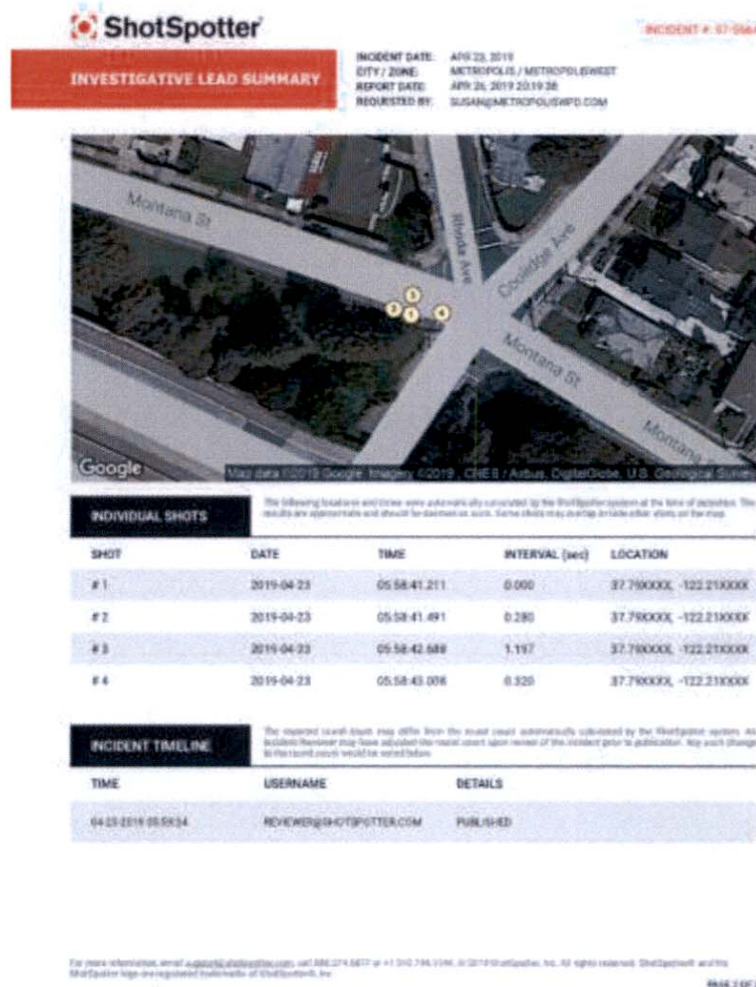
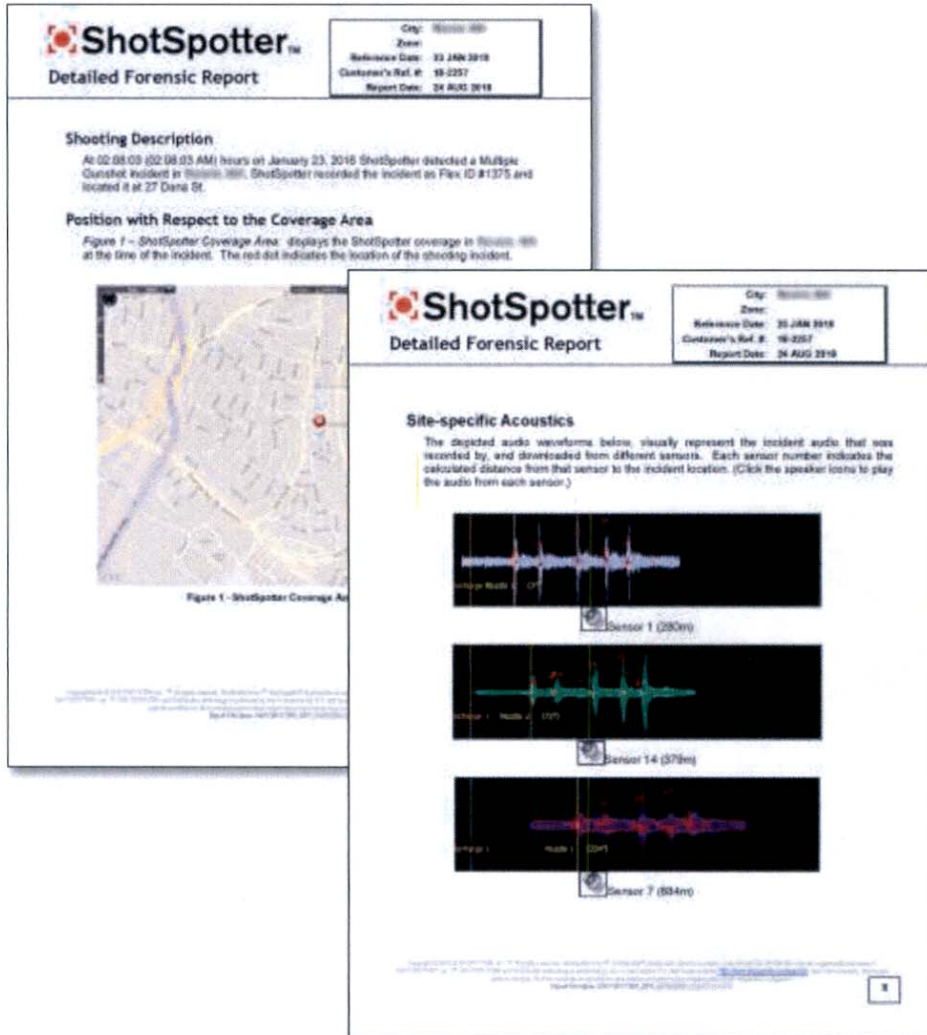


Figure 6: ShotSpotter Investigative Lead Summary (ILS)

## Detailed Forensic Reports and Expert Witness Testimony

In nearly all the criminal proceedings in which our experts have been called to testify, ShotSpotter has produced detailed, round-by-round analysis of the timing and location of the shots fired by one or more weapons. To the best of our knowledge, no other acoustic-based gunshot detection system has been accepted in a court of law as providing this kind of forensic evidence.



**Figure 7: ShotSpotter Detailed Forensic Report (DFR)**

ShotSpotter data supports detailed forensic analysis of gunfire incidents, including:

- Weapon type (e.g., automatic vs. semi-automatic)
- Number of rounds fired
- Possibility of multiple shooters



Unlike the ILS, the DFR is a court-admissible document prepared by our forensic engineers. The DFR is intended to be used by attorneys as part of a court case for the exact, verified timing, sequence and location of each shot fired. Secondly, DFRs are available for use by law enforcement to obtain search warrants or to investigate Officer Involved Shootings. DFRs are available upon written request, and our goal is to deliver all DFRs within ten business days of the request.

To support prosecutions, audio snippets provide powerful demonstrative evidence to prosecutors and allow jurors to gain a deeper understanding of the victims' experience of the incident. For prosecutors who wish to have a ShotSpotter expert witness testify regarding a DFR, to help interpret and clarify crime scene activity derived from ShotSpotter data, or provide other forensic consultation services, these services are available for an hourly fee.

In 17 states and in the District of Columbia, ShotSpotter evidence and ShotSpotter expert witness testimony have been successfully admitted in over 100 court cases. ShotSpotter forensic evidence has prevailed in nine Frye challenges, including four in California, and five Daubert challenges throughout the United States.

## **Onboarding Services**

Concurrent with the sensor design and deployment activities, ShotSpotter will provide a series of onboarding services to prepare the Police Department to maximize the value of the ShotSpotter service. These standard onboarding steps will be refined to best serve the Department team and ShotSpotter users. ShotSpotter onboarding services are designed to:

- Ensure successful ShotSpotter activation (go-live)
- Ensure full utilization of the features and functions available with the ShotSpotter service
- Ensure that the Department's Best Practices are refined, as needed, to respond most effectively to the gun crime intelligence data being delivered for the coverage area
- Track and monitor the efficacy of the ShotSpotter service

ShotSpotter has assembled a Customer Success Team of professionals with more than 100 years of combined law enforcement experience. The mission of this team of Consultants, Trainers, and Analysts is to maximize customer success with the ShotSpotter service. This team is available to our customers both pre- and post-production to advise, train, and guide them on the most effective use of the tools and services available with the ShotSpotter solution. The following provides a high-level overview of ShotSpotter's standard Customer Onboarding Services, which will be tailored to support the Department:

## Getting Started

Prior to contract execution, a ShotSpotter Customer Success Director will work with the Department's project team to plan the onboarding process, beginning with an onsite Customer Kick-Off Meeting with all stakeholders. The teams will review the program objectives, lay out the key implementation steps, agree on a targeted activation date (go-live), and establish a protocol for ongoing communication throughout the onboarding process. ShotSpotter will schedule biweekly status calls with the Department's Program Manager and other project leaders to maintain regular communication throughout the implementation process.

## Best Practices

Early in the Customer Onboarding Process, ShotSpotter's Customer Success team, led by the assigned Customer Success Director, will work with the Department's Program Manager and other project leaders to schedule and conduct a series of Best Practices sessions. These sessions will assist the Department in establishing response protocols and procedures to manage the gunshot alerts and gun crime intelligence data that will be provided upon activation of the ShotSpotter service. ShotSpotter will customize and conduct these sessions for each of the following groups of users involved in the gun violence reduction program in the targeted coverage area:

- Program Management
- Dispatch/Communications
- Field Operations/Patrol
- Investigations
- Prosecution
- Intelligence & Crime Analysis

## User Training

ShotSpotter will assign a Customer Success Director to the Department to ensure that we deliver consistent, quality best practices training based on the Department's needs to maximize the value of our service. The Customer Success Director will remain engaged with the Department for the duration of our relationship. In preparation for the planned cutovers, ShotSpotter will assign a Trainer to the Department to train each group of users on the ShotSpotter applications, including Respond, Dispatch, ShotSpotter Administrative Portal, and ShotSpotter Insight. The Trainer will conduct a Training Orientation with the Department's Program Manager to ensure all users are properly trained on the relevant applications. ShotSpotter's Trainer will work with the Department to tailor a training program that addresses the unique needs and/or scheduling constraints of the Department users. The training will be performed through a combination of remote instructor-led live training, train-the-trainer, and on-line recorded computer-based training.



### Agency Metrics/KPIs (Key Performance Indicators)

ShotSpotter Customer Success team members, led by the assigned Customer Success Director, will work with the Department's Program Manager and Command staff to review, define, and adopt a set of agency metrics, or Key Performance Indicators (KPIs), to establish and monitor the efficacy of the ShotSpotter service and related agency Best Practices. It is important to ensure that the agency and all stakeholders have visibility (and routines in place) to track the program metrics or KPIs needed to monitor the status of the program and to make informed decisions regarding resources, response protocols, and the best practices to drive success.

### Onsite Support During Service Activation (Go-Live)

On the day of ShotSpotter service activation to a live production status, ShotSpotter's Customer Success Director will be on site to ensure that the transition is smooth, that the established best practices are being implemented as planned, and that user questions are answered quickly. Prior to cutover, ShotSpotter team will facilitate an introduction to the ShotSpotter Support organization to review the support process and introduce the designated Technical Support Engineer to the Department. Following system activation, the designated Technical Support Engineer will facilitate a series of Status Calls with the Department to review the performance of the service. The Customer Success Director will continue to work with the Department to review and results being achieved by each group of users involved in the gun violence reduction program.

### Ongoing Customer Support

As an ongoing service, the Customer Support organization will publish a monthly Scorecard to the Department to communicate details on system performance and our service including the number of Gunshot Alerts, Misses, Mislocated Incidents, Misclassified Incidents, and other useful metrics. This report will be reviewed by the designated Technical Support Engineer on a monthly basis and any and all concerns will be discussed and addressed.

ShotSpotter standard customer support includes 24/7 assistance with user accounts, software interface, tools, features, incident (re)classification, and review. Tier 1 Support is provided by our Incident Review Center (IRC). IRC staff have extensive experience with ShotSpotter applications and provide real-time support of basic issues, and first level of support for information gathering and triage for advanced troubleshooting by Tier 2 Support. The Tier 2 Support Team comprises technically advanced, experienced Customer Support professionals who are responsible for advanced levels of troubleshooting and analysis, IT Support, mapping issues, etc.

Support Level	Tier 1 Support (IRC)	Tier 2 Support (Customer Support)
<b>Features</b>	<ul style="list-style-type: none"> <li>• Login support</li> <li>• Report a misclassification</li> <li>• Report a missed incident</li> <li>• Report a mislocated incident</li> <li>• Basic audio request</li> <li>• General/application questions</li> <li>• Request for ILS</li> </ul>	Normal Support: <ul style="list-style-type: none"> <li>• Analysis of missed gunshots</li> <li>• Detailed audio search</li> <li>• Performance analysis</li> <li>• Integration issues</li> </ul> Critical Support: <ul style="list-style-type: none"> <li>• System outage</li> </ul>
<b>Hours of Operation</b>	24x7x365	Normal Support: 5 am – 11 pm Pacific Time Zone Escalation: 24x7x365

## Customer References

ShotSpotter has 120 customers covering more than 750 square miles. ShotSpotter is the leader in the development and deployment of wide area acoustic gunshot detection and location systems. Today, ShotSpotter provides gunshot detection and location services to law enforcement agencies across the country. Among these are:

- Chicago, IL
- Rockford, IL
- Springfield, IL
- Peoria, IL
- South Bend, IN
- Omaha, NE
- Little Rock, AR
- Columbus, OH
- Cleveland, OH
- Toledo, OH



## Pricing

ShotSpotter systems are deployed to provide coverage for one or more specified areas, each bounded by a specific coverage area perimeter. ShotSpotter will design the coverage area based upon the Department's requirements and based upon analysis of historical crime data. ShotSpotter will collaborate with Department stakeholders to determine the final coverage area and related boundaries.

### 2 mi<sup>2</sup> Coverage

Contract Term	Coverage Area Size	One-Time Service Startup Fees (Initiation & Onboarding)	Annual Subscription Fees*	Discount for Multi-Year Term**	Total
3 Years	2 mi <sup>2</sup>	\$30,000	\$140,000 x 3	(\$20,000)	\$430,000

\*ShotSpotter's current annual subscription fee is \$70,000 per square mile.

\*\*See Pricing Assumptions below for details.

### Forensic Consultation Services

Forensic Consultation Service Fee (Expert Witness Services)	\$350/hour
Expert Witness Testimony Services are available upon request and billed separately at the above rate.	

### Optional Additional Services

#### Interface License

Notifications API License Pack	\$9,500/year
<ul style="list-style-type: none"> <li>• Recurring annual subscription fee</li> <li>• Includes up to three interfaces</li> <li>• Does not include costs required from other vendors to implement or support the planned interfaces</li> </ul>	

## Payment Terms

Payment for the service initiation, onboarding, and subscription shall be as follows:

### Three-Year Payment Terms

- 50% of Year 1 fees due upon execution of agreement (\$75,000)
- 50% of Year 1 fees due upon ShotSpotter activation (live) status (\$75,000)
- 100% of Year 2 fees due prior to 1<sup>st</sup> anniversary of ShotSpotter live status (\$140,000)
- 100% of Year 3 fees due prior to 2<sup>nd</sup> anniversary of ShotSpotter live status (\$140,000)

Expert Witness Testimony Services are available upon request and billed separately at the above rate.

## Pricing Assumptions

This pricing is submitted based on the following assumptions:

- This pricing assumes that the services will be delivered under the terms of the ShotSpotter Respond Services Agreement to which this Proposal will be attached as Exhibit A.
- The Multi-Year Term Commitment discount will be applied to the one-time Service Initiation fees and is contingent upon ShotSpotter receiving a three-year term commitment allowing us to invoice automatically for each annual subscription term over the three years of the agreement, without any requirement for obtaining additional approvals, purchase orders, or notifications.
- The pricing assumes that the Department will provision network access to meet ShotSpotter minimum specifications and requirements for all computers (PCs and MDCs) that will access the ShotSpotter service.
- This pricing does not include any state or local taxes; if taxes are applicable, we will be happy to provide an amended price quotation upon request.
- This pricing remains valid for ninety (90) days from the date of this proposal.



To whom it may concern:

Please accept this letter as information that ShotSpotter, Inc. is the worldwide sole source vendor of ShotSpotter Respond™ (formerly Flex), a wide-area Gunshot Detection, Location, and Forensic Analysis Service. This wide-area service uses acoustic sensing technology protected by 34 unique and current patents to identify, discriminate, record, and locate gunshots, then send an alert to law enforcement within seconds of the shots being fired. The sensing is accomplished via multiple networked acoustic sensors deployed over a wide area that communicate registered gunshot activity back to a central server.

There is currently only one wide-area gunshot detection and location system available commercially for law enforcement and it is exclusively offered by ShotSpotter, Inc. ShotSpotter is the exclusive provider of ShotSpotter Respond, the cloud-based, subscription managed service offering which includes warranty, repair, maintenance, and support services on all of its systems.

We have been informed that your agency has determined that for such a solution to be beneficial it must have the capabilities listed in this document. ShotSpotter is the only vendor in the world able to deliver these capabilities. Many of these capabilities and techniques are the exclusive intellectual property of ShotSpotter, Inc.; are patented; and can only be provided by ShotSpotter and licensed to end users.

- Detect a gunshot in a public place and provide the location of the event (address) and geographical coordinates of the event back to your agency through a qualified reviewed alert and plot the event on a map.
- Provide a short audio snippet of the event for immediate playback.
- Provide the ability to record the event and save all corresponding information in a hosted Microsoft SQL database so it can be forensically examined at a later date. All incident data, including audio snippets, are stored on a secure, hosted server for the duration of the subscription, however long that may be.
- The system and the associated 24/7/365 incident review service must be able to distinguish between a gunshot and other similar sounds (fireworks, car backfiring, etc.) and classify these events for a web-based display.
- Acoustic sensors must be certified to withstand harsh wind and other demanding climate conditions thus reducing need for constant maintenance.
- The system must have a proven track record of performance in a deployment area of equal to or greater than 2 square miles.
- System must be able to timestamp individual gunshots to 100<sup>th</sup> of a second utilizing a GPS clock.
- System must have the ability to recreate crime scene (provide location(s) of where individual shots occurred, the time stamping of when each individual shot was fired within 100<sup>th</sup> of a second, and the audio snippet and acoustic waveform signature of the shot(s)).
- The systems data output, including detailed forensic reports, must be court certifiable with current case law supporting its use as forensic evidence.
- Ability to network acoustic sensors together in a Wide Area Network utilizing public wireless/cellular carriers.
- The system must have a documented proven track record of helping to reduce gun-related crimes, assisting in arrests, assisting in the confiscation of weapons, used as evidence in court and assisting in the prosecution and conviction of criminals, in the areas where the system is deployed.
- Interface with networked video surveillance cameras for automated control when an event is detected.

**Wide-Area Acoustic Surveillance**

ShotSpotter Respond uses nondescript acoustic sensors deployed over wide areas (e.g., from one to many square miles). Acoustic analytics classify incoming potential incidents as either gunfire, or other loud sounds not classified as gunfire. The result is gunfire alerts that include a pinpoint location that reveal incident severity and situational intelligence. Through its patented technology<sup>1</sup> and methods only ShotSpotter can deploy systems requiring a relatively small number of acoustic sensors to achieve a blanket of coverage over wide areas; fewer sensors result in lower procurement and operating costs.

**Situational Intelligence and Forensic Data**

The ShotSpotter Respond service includes the web-based ShotSpotter Dispatch™, ShotSpotter Respond™, and ShotSpotter Insight™ applications which run on any standard browser-based platform. ShotSpotter Respond is also available as a smartphone application which runs on Android and iOS platforms. Incidents are shown as dots on an aerial map image along with the corresponding street address. Maps can also be viewed in street and oblique aerial views. Audio snippets are available to field-based commanders as well as responders. The audio snippet provides invaluable situational intelligence while en route to a scene, stationary in a command van, moving in patrol vehicles, or airborne in helicopters.

The ShotSpotter solution captures and stores a precise timestamp plus GPS coordinate for each detected incident and each round of a multi-round gunfire incident. This level of detail has successfully been used in investigations and courtrooms to exonerate contentious officer-involved shootings, corroborate testimony, refute false testimony, and prove the presence of multiple shooters in the absence of physical evidence and/or eyewitnesses.

The ShotSpotter service offers the following unique forensic and intelligence data that enhance situational awareness, investigations, and prosecutions:

- Audio snippets of each incident from multiple sources that can be embedded into a portable document format (PDF) for sharing with agents, prosecutors, and presentation in court
- Ability to know if the incident involved a single round or multiple rounds of gunfire
- Ability to determine if the incident involved one or multiple shooters
- Ability to infer type(s) of firearm(s) involved in gunfire incidents

**Data for Investigative Follow-up, Crime Analysis, CompStat**

Only ShotSpotter offers persistent storage of detailed incident information plus reports and analytics to support CompStat and violence suppression operations. ShotSpotter logs every detected incident and associated data in a database for secure and persistent storage. This data can be mined and analyzed to reveal patterns and trends to successfully drive intelligence-based tactical and strategic operations. Standard reports and an industry standard Structured Query Language (SQL) database feed ongoing intelligence with a comprehensive awareness of what is transpiring within specific areas. This data allows agencies to proactively and effectively apply resources when and where they're most needed; justify specific increases in assets and resources; and save costs. Securely stored incident data is invaluable for forensic purposes to support investigative efforts and fortify prosecution cases, especially when complemented with ShotSpotter acoustic and gunfire specialists providing expert testimony. ShotSpotter is the only company which can aggregate gunfire data from over 100 U.S. cities to develop a national gunfire index to identify national trends of gunfire behavior.

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<sup>1</sup> The most current list of patents is available online at: <http://www.shotspotter.com/patents>





## Sole Source Justification

### Open API for Interfacing with Complementary Systems and Technologies

Only ShotSpotter includes a simple and open data networking API for interfacing with video surveillance systems, Common Operating Picture systems, and Computer Aided Dispatch (CAD).

### Unique Level of Experience and Customer Support

The ShotSpotter gunshot detection, location, and forensic analysis service is the only system of its type to be successfully deployed since 1995 to leading law enforcement agencies across the US, as well as other federal agencies. Many customers have directly attributed the following results to the use of ShotSpotter:

- Significant reduction of gun related crimes
- Significant reduction of overall and random gunfire
- Increased number of arrests and gun confiscations
- Conviction of criminals with data available from ShotSpotter

### Conclusion

No vendor, other than ShotSpotter, possesses the comprehensive, field-proven, and patent-protected product offering, as well as the professional services and support, domain knowledge, expertise, longevity, and customer references. Only ShotSpotter can provide a true wide-area gunshot detection, location, and forensic analysis solution, as well as future expansions and ongoing maintenance and support. We have achieved sole source status in every state we operate in.

Based on all of the above factors, the overwhelming majority of our customers have been able to proceed with confidence in sole sourcing our wide-area gunshot location solution and support services.

We are honored to support your efforts to combat gun related crimes and appreciate the opportunity to serve you. If we can answer any questions or provide additional support information, please let us know.

Sincerely,

Ralph Clark  
President / CEO  
ShotSpotter, Inc.  
Phone: 510-794-3158  
[rclark@shotspotter.com](mailto:rclark@shotspotter.com)