



City of Sacramento

Tax ID # if applicable:

Requires Council Approval: ☒ No ☐ YES Meeting:

☐ Real Estate

☐ Other Party Signature Needed

☐ Recording Requested

General Information

Type: Memorandum of Understanding PO Type: Select PO Type \$ Not to Exceed: \$ 0		Attachment: Original No.: Original Doc Number:
Other Party: Twin Rivers Unified School District		Certified Copies of Document: 0
Project Name: ShotSpotter		Deed: <input checked="" type="checkbox"/> None <input type="checkbox"/> Included <input type="checkbox"/> Separate
Project Number:	Bid Transaction #:	E/SBE-DBE-M/WBE:

Department Information

Department: Police Division: Metro Date: May 4, 2015
Project Mgr: Jeff Watson, Lieutenant Supervisor: N/A
Contract Services: Tammy Jones, Analyst Division Manager: Jackie Dowden, Captain
Phone Number: (916) 808.0312 Deputy Chief: Mike Bray, Deputy Chief
Comment: GAU File #2015-103 Department ID: 11001141

Review and Signature Routing

Department	Signature or Initial	Date
Project Mgr:	<i>Jeff Watson</i>	5/4/15
Fiscal:	<i>SJP</i>	5/4/15
Contract Services:	<i>TJ</i>	5/4/15
Office Lt./Supervisor:		
Office Capt./Div. Mngr:		
Office Deputy Chief:		
City Attorney:	<i>MAF</i>	4/20/16

☐ Send Interoffice Mail ☒ Notify for Pick Up

Authorization	Signature or Initial	Date
Somers Jr., Samuel D. Department Director:	<i>[Signature]</i>	5/4/15
City Mgr: yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	<i>[Signature]</i>	

Contract Cover/Routing Form: Must Accompany ALL Contracts;

For City Clerk Processing

Finalized:

Initial:

DRB

Date:

4-27-16

Imaged:

Initial:

[Signature]

Date:

4/27/16

Received:

(City Clerk Stamp Here)

Title: ShotSpotter



With: Twin Rivers Unified
School District

2016-0477

Sacramento City Clerk's Office
915 I St, 5th Floor
Received 04/21/2016 10:57 AM



MEMORANDUM OF UNDERSTANDING

- PARTIES:** This Memorandum of Understanding (MOU) is entered into between Twin Rivers Unified School District (hereinafter, "TRUSD") and the City of Sacramento Police Department (hereinafter, "AGENCY"), collectively the "PARTIES".
- PURPOSE:** The purpose of this MOU is to permit placement of AGENCY's contracted "SHOT SPOTTER" system, as described in Exhibit 1 hereto (hereinafter the "SYSTEM"), on TRUSD buildings and property.
- AUTHORITY:** This MOU is entered into by and between the parties in exercise of the authority set forth in CA Education Code Secs. 38000-38005, authorizing the establishment of school police departments and related services to ensure the safety of school environments.
- TERM:** This MOU shall become effective upon the date of execution by both the parties and shall continue through June 30, 2018, unless terminated earlier as provided herein. This MOU may be renewed yearly, upon the mutual consent of the PARTIES.

I. SCOPE OF SERVICES

A. TRUSD shall:

- Designate available school sites and facilities which may be used for the installation of the SYSTEM. Locations approved as of the date of this MOU are listed on Exhibit 3 hereto;
- Provide information (site maps, e.g.) on the location and layout of such facilities;
- Provide access to AGENCY and/or AGENCY's designee for installation of SYSTEM at specified dates and times;
- Provide access to AGENCY and/or AGENCY's designee for maintenance or repair of SYSTEM at specified dates and times;
- Inform school sites of the placement of the SYSTEM and forward any information received from AGENCY which may pertain to the school's hosting of the SYSTEM, as needed.

B. AGENCY shall:

- Purchase, provide, install and maintain the SYSTEM at no cost to TRUSD;
- Coordinate with TRUSD Police Services and Facilities Services on the rollout and installation of the SYSTEM at designated TRUSD sites;
- Prior to installation, attend a pre-construction meeting with TRUSD Facilities regarding actual placement and installation;
- Coordinate with TRUSD Information Technology, if required (through TRUSD Facilities) on the installation of the SYSTEM; and not alter or interfere with any existing electrical, data, surveillance, alarm, or intrusion systems currently installed at TRUSD sites;
- Unless any information is proprietary, protected by copyright, or otherwise confidential, share data provided to AGENCY by ShotSpotter, Inc., from the installed SYSTEM units with TRUSD Police Services;



- Ensure that any and all third party consultants or contractors who may be engaged to install or provision the system fully comply with the above requirements;
- List any employees or third party consultants or contractors by name and sign the Contractor Certification form provided in Exhibit 1 hereto, certifying that such employees or third parties have been DOJ-cleared. Non-uniformed employees and any third party contractors or consultants engaged by AGENCY must be badged by TRUSD Facilities before entering any TRUSD school site.

II. INSURANCE:

During the term of this MOU, TRUSD shall provide to AGENCY, and AGENCY shall provide to TRUSD, a current certificate of policy evidencing its comprehensive and general liability insurance coverage in a sum not less than \$2,000,000 aggregate and \$1,000,000 per occurrence. TRUSD shall also provide AGENCY, and AGENCY shall also provide TRUSD, with a written endorsement naming the other party as an additional insured, and such endorsement shall also state "Such insurance as afforded by this policy shall be primary, and any insurance carried by TRUSD or AGENCY shall be excess and noncontributory." Any and all insurance coverage may be provided by a Joint Powers Authority or other Self-Insurance program. Coverage shall provide notice to the additional insured of any change in or limitation of coverage or cancellation of the policy no less than thirty (30) days prior to the effective date of the change, limitation or cancellation.

III. INDEMNIFICATION:

- A. Insofar as permitted by law, TRUSD shall assume the defense and hold harmless AGENCY and/or any of its officers, agents or employees from any liability, damages, costs, or expenses of any kind whatsoever, including attorneys' fees, which may arise by reason of the sole fault or negligence of TRUSD, its officers, agents or employees.
- B. Insofar as permitted by law, AGENCY shall assume the defense and hold harmless TRUSD and/or any of its officers, agents or employees from any liability, damages, costs, or expenses of any kind whatsoever, including attorneys' fees, which may arise by reason of any harm to person(s) or property received or suffered by reason of the sole fault or negligence of AGENCY, its officers, agents or employees.
- C. It is the intent of the TRUSD and AGENCY that where negligence or responsibility for any harm to person(s) or property is determined to have been shared, the principles of comparative negligence shall be followed and each party shall bear the proportionate cost of any liability, damages, costs, or expenses attributable to that party.
- D. TRUSD and AGENCY agree to notify the other party of any claims, administrative actions, or civil actions determined to be within the scope of this Agreement within ten (10) calendar days of such determination. TRUSD and AGENCY further agree to cooperate in the defense of any such actions. Nothing in this Agreement shall establish a standard of care for or create any legal right for any person not a party to this Agreement.

IV. TERMINATION:

This MOU may be terminated without cause by either party upon thirty (30) days prior written notice to the other party.

V. FINANCIAL OBLIGATIONS:

The PARTIES shall have no direct financial obligation to each other under the terms of this MOU. AGENCY shall provide and maintain the SYSTEM to TRUSD at its own cost.

VI. NOTICES:

Any notice required to be given by the terms of this MOU shall be deemed to have been given when the same is personally delivered or sent by first class mail, postage prepaid, addressed to the respective parties as follows:

To TRUSD: Twin Rivers Unified School District
3222 Winona Way
North Highlands, CA 95660
ATTN: Bill McGuire, Deputy Superintendent

To AGENCY: CITY OF SACRAMENTO -POLICE DEPT.

ATTN: LT- JEFF WATSON
3550 MARYSVILLE BLVD.
SACRAMENTO CA 95838

VII. ENTIRE AGREEMENT:

This MOU represents the entire and integrated agreement between TRUSD and AGENCY, and supersedes all prior negotiations, representations, or agreements, either written or oral, with respect to the subject matter of this MOU. This MOU may not be modified, changed, supplemented or terminated, nor may any obligations under this MOU be waived or amended, except by written instrument signed by the duly authorized representatives of TRUSD and AGENCY.

VIII. SEVERABILITY:

Should any term or provision of this MOU be determined to be illegal or in conflict with any law of the State of California, the validity of the remaining portions or provisions shall not be affected thereby, and each term or provision of this MOU shall be valid and enforced as written to the full extent permitted by law.

IX. CONTRACTUAL RELATIONSHIP

It is understood and agreed that no relationship of employer-employee exists between AGENCY and TRUSD for any purpose whatsoever and the entire relationship between the parties is specifically set forth in this MOU. This MOU is not intended to alter or change any existing agreement AGENCY has with any contractor or third party regarding the SYSTEM.

X. NO JOINT VENTURE

This MOU shall not create between AGENCY and TRUSD a joint venture, partnership or any other relationship of association.

XI. NO GRANT OF AGENCY

Except as AGENCY and TRUSD may specify in writing, neither party shall have authority, express or implied, to act on behalf of the other part in any capacity whatsoever as an agent. Neither party shall have any authority, express or implied, pursuant to this MOU to bind the other party to any obligation whatsoever.

XII. CALIFORNIA LAW:

This MOU shall be constructed in accordance with and governed by the laws and decisions of the County of Sacramento and the State of California.

XIII. REPRESENTATION OF AUTHORITY:

The undersigned hereby represent and warrant that they are authorized by the respective parties to execute this MOU.

IN WITNESS WHEREOF, TRUSD and AGENCY have executed this MOU as of the date first above written.

TWIN RIVERS UNIFIED SCHOOL DISTRICT
"TRUSD"



Bill McGuire
Deputy Superintendent

5/7/2015
Date

CITY OF SACRAMENTO - POLICE DEPT.
"AGENCY"



SAM SOMERS JR.
Printed Name

POLICE CHIEF
Title

5/4/15
Date

Date of Board Approval: _____

Attested By: Dawn Bellumchel



Wendy Klock-Johnson
Assistant City Clerk

4-27-16

APPROVED AS TO FORM:



CITY ATTORNEY

EXHIBIT 1

**EMPLOYEE/CONTRACTOR LISTING
AND CERTIFICATION FORM**



TWIN RIVERS UNIFIED SCHOOL DISTRICT
ADMINISTRATIVE SERVICES
District Mailing Address: 3222 Winona Way
North Highlands, CA 95660

CONTRACTOR CERTIFICATION

I, Sonya Strickler, certify to the District Board of Trustees that I am familiar with the facts contained in this certification and authorized to execute this certification on behalf of the undersigned business ShotSpotter, Inc.. I hereby certify further that the undersigned business has complied with Education Code Section 45125.1 and conducted the required criminal background check(s) of all persons who will be providing services to the Twin Rivers Unified School District on behalf of the undersigned business, and that none of those persons have been reported by the California Department of Justice ("DOJ") as having been convicted of a serious or violent felony as defined in Education Code Section 45122.1.

As further required by Education Code Section 45125.1, I have attached and incorporated by reference a complete and accurate list of the names of the employees of the undersigned business who will be providing services to Twin Rivers Unified School District and who may come into contact with pupils. I agree to keep this list current and to notify the Twin Rivers Unified School District of any additions or deletions as soon as they occur. I understand that this Certificate is not to be signed and submitted until I have received clearance from DOJ regarding all persons listed.

I understand that the responsibility for criminal background clearance extends to all employees, agents, representatives, consultants, contractors, and subcontractors coming into contact with pupils regardless of whether they are designated as employees or acting as independent contractors. The undersigned business shall not allow any person who has not received satisfactory written verification of compliance to enter District property for any purpose related to or arising out of this Agreement at any time that District pupils may be present.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Executed this 7th day of May, 2015, in Alameda,
County, California.

ShotSpotter, Inc.
Name of Contractor/Consultant (please print)

Sonya Strickler, VP Finance Controller
Name/Title of Authorized Representative (please print)

[Signature]
Signature of Authorized Representative

NAME OF EMPLOYEES/VOLUNTEERS	NAME OF CONTRACTOR/CONSULTANT	SCHOOL SITES (IF KNOWN)
Satdeo Chand	ShotSpotter, Inc.	Del Paso Heights Special Edu
Satdeo Chand	ShotSpotter, Inc.	Grant Union High School
Satdeo Chand	ShotSpotter, Inc.	Del Paso Heights Elementary School
Satdeo Chand	ShotSpotter, Inc.	Hagginwood elementary school
Satdeo Chand	ShotSpotter, Inc.	MLK Junior Technology Academy
Satdeo Chand	ShotSpotter, Inc.	Fairbanks Elementary school
Satdeo Chand	ShotSpotter, Inc.	Norauto Elementary school
Satdeo Chand	ShotSpotter, Inc.	North Sacramento School District

EXHIBIT 2

SHOT SPOTTER SYSTEM INFORMATION



ShotSpotter™ Gunshot Location System

GSM Model 100 Sensor- Technical Specifications at a Glance

Summary

ShotSpotter acoustic sensors are small, unobtrusive devices strategically located throughout a designated coverage area which detect and report impulsive audio events without the necessity to have direct line-of-sight to an incident. Incident details are reported to the ShotSpotter Flex Network Operations Center using IP-based, wireless data communication networks. Sensors are deployed as a distributed array that can cover areas up to several square miles in urban neighborhoods, city centers, in and around critical infrastructure, seaports and distribution gateways, stadiums, transportation hubs, campuses, and so forth.

The ShotSpotter GSM Model 100 sensor uses an on-board cellular data modem to provide bi-directional data communications between the sensors and the ShotSpotter Network Operations Center over AT&T's GSM cellular network. All costs associated with sensor installation, operation, and maintenance, including data communication costs, are borne by SST, Inc.

Specifications

HEIGHT: 13.75 inches

WIDTH: 12 inches

DEPTH: 5.5 inches

WEIGHT: 4.0 lbs.

ENCLOSURE

Outdoor rated textile cover over molded plastic frame.

Stationary device designed and tested for use in unprotected outdoor locations.

POWER

Input: 24 VDC nominal, 19- 38 VDC range

Current: 1.0 A average, 2.85 A maximum bursts of 100 usec for 2G GPRS transmissions

Consumption: 24W nominal

Voltage reverse polarity and surge protection

ENVIRONMENTAL TEST STANDARDS

IEC 60529, IPX6 Water Ingress

ASTM B117 Salt Fog

ETSI EN 300 019-2-4 V2.2.2 (2003-04) Temperature Change, Low & Hot Temperature & Humidity Relative High, Humidity Relative Condensation

ETSI 300 019-2-4, IEC 60721-3-4 Sine Sweep Vibration, Random Vibration, Shock

FCC ID: VV7-MBMC5621

Industry Canada #: 287AG-MBMC5621

TECHNOLOGIES AND FREQUENCY BANDS

GSM: 850/900/1800/1900

UMTS FDD: Band 1/Band 11/Band V/Band VIII

IMEI: 35874504

PTCRB and AT&T Approved

PART NO: SCP-100-0010-01



Shotspotter Flex System Overview For Property Owners and Managers

ShotSpotter Flex System Description

World leader in Gunshot Detection

The ShotSpotter Flex system provides law enforcement agencies with information that helps them respond to, police, and prosecute gun related crimes. It is a proven tool in helping to fight and reduce gun violence. The ShotSpotter system has been deployed in over 60 cities both domestically and internationally. On average, less than 20% of actual gunfire incidents are reported to 911 alone. The ShotSpotter system guarantees at least an 80% detection of normally occurring gunfire within coverage areas targeted by law enforcement agencies.

The ShotSpotter Flex system is comprised of an array of acoustic sensors that work together in detecting and locating gunfire. These acoustic sensors report their data to an offsite computer server. Law enforcement and 911 dispatchers receive an incident alert within seconds of the actual gunfire event, giving them both the time and location of the event.

The acoustic sensors must be mounted in various locations throughout the designated coverage area. Mounting assets include privately and publicly owned buildings, structures, and utility poles. You have received this information because we have determined that the mounting asset you own, manage, or otherwise represent, would be ideal for the location of a ShotSpotter acoustic sensor. The following page contains some frequently asked questions from property representatives. Please feel free to ask any additional questions that you may have.

Frequently Asked Questions

Q. What is the cost to my business or organization?

A. There is no cost for installation of the ShotSpotter acoustic sensor. The sensor does need to be hard wired into a 24/7 power source (110-220VAC / 20A or less). Our device pulls just under 6W of power (24VDC at .25A). Against the California electrical mileage rate, it amounts to a few dollars a year in electrical costs. SST does not reimburse electrical costs associated with the sensor.

Q. What is the liability for having the device on my property?

A. We will use our own licensed technicians and electricians who are covered under our general liability insurance policy. You are expected to keep confidential the purpose of the device on your property, and reasonable care to prevent unauthorized personnel access to the device.

Q. How large is the device, and how is it mounted?

A. The sensor is oval in shape, resembling an egg, and its dimensions are 13 1/2" in height, 12" in width, and 5 1/2 inches at its thickest spot. The sensor weighs about 4 lbs not including the mounting hardware. The mounting hardware is unique to the mounting asset being used. Which mounting hardware to use is determined upon a site survey by the project manager, and can be further modified if needed by our technicians during the installation. Please see the table on the next page depicting specifics of each mounting type.

Q. When will the installation take place, and how long will it take?

A. Once we obtain all signed copies of the sensor emplacement permissions, we will begin sensor installations. Our lead tech will call the prior week to schedule the installation appointment. A typical roof mounted sensor installation takes 1.5 to 2 hours, but can vary depending on the accessibility of the power source and the specific mounting location.

Q. What should I expect in terms of maintenance for the device?

A. Software updates can be done remotely. A site visit is needed if there is a hardware failure. The acoustic sensors have a low hardware failure rate, and maintenance visits should be very minimal. Our responding technician will call ahead to schedule a maintenance visit if needed.

Q. How do the sensors communicate? Will it interfere with other wireless equipment?

A. The acoustic sensor uses a 3G cellular data modem, similar to communication from a standard mobile phone. If for any reason we determine our sensor is receiving or causing interference, we can reevaluate the installation to determine if an alternate location is needed.

Q. Where will the sensor be located on my property?

A. The sensor needs to be installed on the highest roof level that can be safely accessed. The sensor must not be obstructed by tall walls or parts of the building that would prevent 360° of acoustic coverage.

- ShotSpotter Flex

Detects, Locates and Alerts on Gunfire in Under a Minute

Myth:

Gun crime doesn't matter unless it results in a homicide or gunshot wound.

Fact:

For every homicide committed with a gun, there are more than 100 gunfire incidents. To make neighborhoods safe, it is essential to employ a system that delivers an accurate and real-time picture of gun crime.

From the Leader in Gunshot Detection, Location and Analysis Technology.

Introduction

Gun violence is overtaking our cities. In the war on gun crime, much is at stake.

ShotSpotter "Flex" helps law enforcement agencies by directing police to the precise location of illegal gunfire incidents.

ShotSpotter instantly notifies officers of shootings in progress with real-time data delivered to dispatch centers, patrol cars and even smart phones. Instant alerts enable first responders to aid victims, collect evidence and quickly apprehend armed, dangerous offenders.

ShotSpotter's actionable intelligence can then be used to prevent future crimes by positioning law enforcement when and where crime is likely to occur. Police now possess a scientific barometer of success: smart policing leads to fewer shootings.

How ShotSpotter Flex Works

Only ShotSpotter Flex combines wide-area acoustic surveillance with centralized cloud-based analysis to provide a gunfire alert and analysis service that is immediate, accurate and cost-effective.

ShotSpotter Flex uses multiple collaborative acoustic sensors that activate when gunfire occurs, providing comprehensive outdoor coverage over complex urban geographies.

When there is a shooting outdoors, ShotSpotter sensors and software triangulate and pinpoint the precise location of each round fired within seconds. Detailed incident data is immediately sent to the SST Incident Review Center (IRC), our secure data processing and alert qualification facility. Immediately, an SST gunfire and acoustics expert analyzes the data and qualifies the incident. Once validated an alert is sent to dispatch centers, Public Safety Answer Points (PSAP) and directly to field personnel through any computer or mobile device with access to the Internet, all in under a minute.

The Fight to Stop Gun Violence Starts with ShotSpotter

[.] ShotSpotter Flex

Instant, Accurate Situational Awareness

Key Features

- Constant, 360-degree wide-area acoustic surveillance throughout large coverage areas.
- Immediate alerts when no one calls 9-1-1. (most times!)
- Precise location including latitude/longitude, street address.
- Number and exact time of rounds fired.
- Identification of fully-automatic or high-capacity weapons.
- Identification of multiple shooters.
- Shooter position, speed and direction of travel (if moving).
- Detailed forensic data for investigation, prosecution, analysis.
- Easily-accessible single and cumulative historical reports.
- Annual subscription-based service is a hosted cloud-based solution.

Key Benefits

- Enhanced situational awareness & officer safety.
- Faster evidence collection & witness identification.
- Court-admissible, detailed forensic reports (DFRs).
- Increased gun crime arrests.
- Improved community relations & collaboration.
- Proactive gun crime pattern analysis & strategic deterrence.
- No need to buy/manage a complex technology infrastructure.
- Expedited response to shooting victims.
- Increased suspect leads, suspect arrests.
- Increased ability to identify homicides and injured victims.

A gun is fired; the sound of
VIIII, an explosion radiates.

Multiple ShotSpotter sensors
throughout coverage area trigger.

Location of gunfire is pinpointed
within seconds.

ShotSpotter gunfire and acoustic
experts review and classify the data.

5 Qualified alerts are sent to dispatch center,
PSAP and mobile units for immediate response.

Within minutes officers arrive to precise
gunshot location with greater situational
awareness and preparedness.

More information about SST and ShotSpotter can be found at www.SST-Inc.com or www.ShotSpotter.com. The full 2013 National Gunfire Index can be downloaded at www.ShotSpotter.com/ngi. You can also follow SST and ShotSpotter solutions on Twitter, YouTube, Facebook, and LinkedIn.



The Value of Expert Qualification

Our 24x7x365 commitment coupled with unparalleled acoustic expertise provides an instant assessment of all incidents, freeing up time that dispatchers and officers would otherwise spend analyzing alerts.

We provide the level of data qualification needed to have confidence when dispatching based on alerts. Drawing on their experience, SST experts add critical situational intelligence to alerts, that can help personnel respond more safely and successfully. ShotSpotter Flex software provides live chat functionality for immediate communication and assistance.

"Go to the
south corner
of front yard at
222 1st Street,
corner of
Jones Street ...
Likely multiple
shooters ..."

SST offers an interoperability engine which allows ShotSpotter Flex to interface with standards-based third-party software, including video surveillance, CCTV systems, etc.

A Cost-Effective Force Multiplier

The subscription-based cost structure of ShotSpotter Flex not only makes sophisticated gunshot detection a reality for your agency, it helps you maximize your people by speeding investigations, supporting prosecutions and deploying patrol officers where and when they're needed most to successfully prevent gun violence.

**Need help funding ShotSpotter in your city?
Email Funding@ShotSpotter.com today!**

All rights reserved. ShotSpotter Flex, ShotSpotter SiteSecure ShotSpotter ShotSpotter Gunshot Location System and the ShotSpotter logo are registered trademarks of SST, Inc. SST and ShotSpotter technology are protected by one or more issued U.S. and foreign patents, with other domestic and foreign patents pending, as detailed at www.ShotSpotter.com/patents.

0 @ShotSpotter
S ShotSpotter
0 ShotSpotter
0 ShotSpotter

ShotSpotter[®]

Corporate Headquarters
7979 Gateway Boulevard
Suite 210
Newark, California 94560

+1.888.274.6877
+1.510.794.3144
Info@ShotSpotter.com
www.ShotSpotter.com

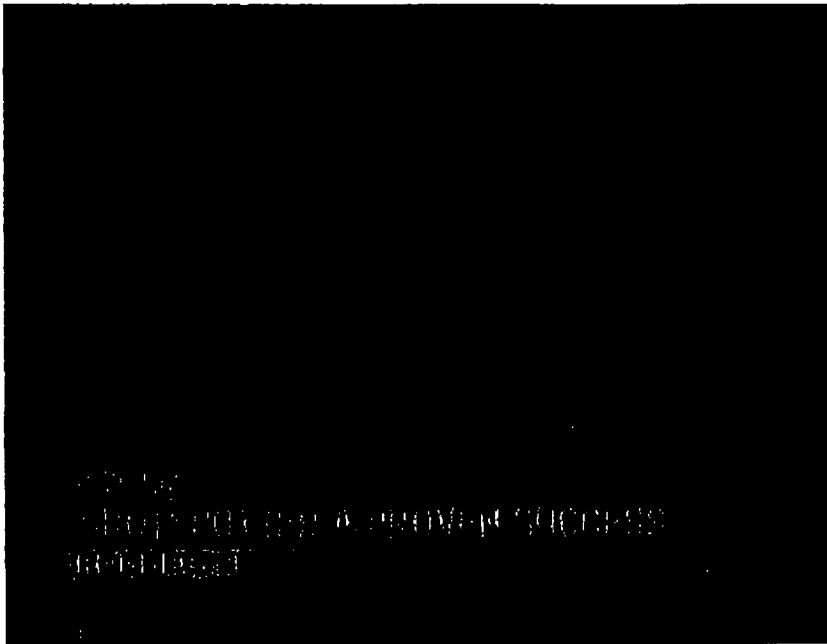
02/14



ShotSpotter Technology Improving with Age

By Tina Shively

February 26, 2013



[Click Here](#) to view news video.

Tonight, we take a rare look behind the scenes at a high-tech system that is helping make our community a safer place to live.

It's called ShotSpotter technology, and it helped the Rochester Police Department make a felony arrest within the first 48 hours it was up and running. Officers gave our Tina Shively a behind the scenes look at the technology.

RPD has more than 100 ShotSpotter sensors around the city, but they wouldn't say where they are, or even what they look like because they don't want people to destroy them.

However, we do know it's proven to work.

ShotSpotter is a high tech system that allows officers to pinpoint the exact location of gunfire. The system hears the sound, sends it to the company's headquarters in California, and identifies it. Gunshots are then sent back to RPD and 911, all within a minute.

Julie Gulino monitors ShotSpotter and the RPD surveillance cameras in this control room. She said "Immediately when shots are fired, the camera systems start into play."

The job is done 24 hours a day seven days a week.

She doesn't know how many sensors there are, or even where they're located. Neither do officers, but they do know they work.

Richard Shipman, is serving 4 years in prison for Criminal Possession of a weapon, thanks to ShotSpotter. Almost two years ago to the day, ShotSpotter recorded gunshots in the backyard of this Trenamen street home. Officers on patrol nearby got the ShotSpotter alert, showed up and began following a car speeding down the street. They say the driver was acting strangely as they followed him around the corner. Officer Joel Hnsper and his partner pulled the car over on Norton Street, and began questioning a visibly nervous Shipman.

"He steps out of the car reaches in his waistband and pulls this sawed-off gun right out as he's standing there and then throws it out and tries to run but we had the door in his way so Officer Labida got him and took him into custody."

Since then, ShotSpotter has gotten in a sense, smarter. Due to repetition, it learns to better identify what it hears and distinguishes between say fireworks and gunshots.

It's lead to more accurate police work, more arrests and convictions.

Gulino added "You catch the victim a lot faster, you can help people a lot faster and on the other hand you can pick up the bad guys off the street a lot faster because now you know exactly where you're going." The system was initially paid for by a federal grant in 2006, it cost about \$124,000 a year to maintain.

#

EXHIBIT 3

LOCATION LIST

Locations approved by Twin Rivers USD for placement of Shot Spotter System devices:

1281 North Avenue, Sacramento, CA 95838
1400 Grand Avenue, Sacramento, CA 95838
590 Morey Avenue, Sacramento, CA 95838
1418 Palo Verde Avenue, Sacramento, CA 95838
3051 Fairfield St., Sacramento, CA 95815
227 Fairbanks Avenue, Sacramento, CA 95838
477 Las Palmas Avenue, Sacramento, CA 95815
670 Dixieanne Avenue, Sacramento, CA 95815

Grant Union High School
Del Paso Heights Elementary School
Hagginwood Elementary School
Martin Luther King, Jr. Technology Academy
Fairbanks Elementary School
Noralto Elementary School