

Application: 0000000118

Kaleb Moore - kaleb.moore@statesboroga.gov
Public Safety and Community Violence Reduction

Summary

ID: 0000000118
Last submitted: Jan 9 2025 01:53 PM (EST)

Application

Completed - Nov 17 2022

Application

Organization Information

Organization Information

Organization Name:

Statesboro Police Department

Address:

Street:	25 W Grady St
City:	Statesboro
State:	Georgia
Zip Code:	30458

Organization Website:

www.statesboropd.com

Application Contact Person:

Full Name:	Robert Bryan
Title:	Deputy Chief
Email:	rob.bryan@statesboroga.gov
Phone:	912-212-2302

Organization Authorized Representative:

(person with authority to execute grant agreement)

Same as above	✖
Full Name:	Charles "Mike" Broadhead
Title:	Chief of Police
Email:	mike.broadhead@statesboroga.gov
Phone:	912-601-2127

Organization's SAMS Number/ Unique Entity Identifier (UEI):

DCUQATM6PM15

SAM.gov expiration date:

Feb 4 2023

Please enter the Tax Identification Number (TIN)/ Employer Identification Number

586000668

How many years has the organization conducted the program for which it is requesting funding?

0

What percentage of the organization's budget is grant funded?

0

Project Information

Project Information

Which project type best describes your project?

Equipment and Technology

Zip Code Location of project performance

Enter zip code of primary project location

30458

Zip codes for the target neighborhood/project boundaries, population of the target area. Please separate each zip code with a comma.

30458

Dollar amount of ARPA grant funds requested

\$ 514493

Is this project new or a continuation of an existing project?

New

How many program staff persons are dedicated to this project?

2

Does the organization have administrative staff (ie. Accountants, Executive Director, Grant Administration) dedicated to this grant?

Yes

Has the organization secured funding for administrative staff for this project?

Yes

How does your organization intend to sustain this program/project after initial grant funds expire?

The Police Department has already begun discussing the continuation of funding with the City Manager once the project funds expire. Several funding options are being discussed. With the end of the project occurring in October 2026 new funding would be secured in the Police Departments FY 27 budget.

Proposal Narrative

Proposal Narrative

Proposal Title:

Please input the title of your project

Statesboro Police Department VCRS

Project Start Date:

Feb 1 2023

Anticipated Completion Date: (Please note that projects that will extend beyond the program deadline will not be considered for funding)

Oct 31 2026

Proposal Summary

A proposal summary (no more than 400 words) summarizing the proposed project including the purpose of the project, primary activities, expected outcomes, the service area, intended beneficiaries. This summary should be written in the third person and will be made publicly available on the OPB website if the project is awarded.

The Statesboro Police VCRS Program will utilize multiple forms of technology to more efficiently and effectively respond to the rise in gun related crimes in Statesboro since January 27, 2020. The SPD VCRS Program will utilize Gunshot Detection hardware paired with fixed and mobile License Plate Readers (LPRs) that will be integrated into the SPD Real Time Crime Center (RTCC) and Video Sharing Program. The VCRS will also place video streaming cores into each of the schools in Statesboro to allow the schools video cameras to be streamed into the RTCC, which further allows remote access by responding officers to view cameras during critical incident responses such as active shooter incidents. Pole mounted remote video cameras will also be purchased to allow coverage in gun crime hot spots that do not currently share video with the SPD RTCC, currently over 533 cameras from local businesses and partners are shared with the SPD RTCC.

The LPR portion of the VCRS Program will be implemented city wide, LPRs will be located in strategic areas to capture images and data. These LPRs will be tied to the Gunshot Detectors that will pull nearby LPR hits so officers can identify potential suspect vehicles in real-time. The Gunshot Detectors will also increase the response time to these scenes by immediately notifying the SPD Dispatch Center and on duty officers of the approximate location of the detected gunshots, officers will no longer be waiting for a caller to report a firearms discharge.

Purchasing Cores for schools within the city limits of Statesboro will also be deployed city wide. These cores will stream the video from the schools to the SPD RTCC, the video is also stored in the cloud a period of weeks. The live video streams from the schools will have positive impacts if any of the schools are the unfortunate victims of gun violence. The stored video assists in identification of individuals and being able to see what occurred before the critical incident took place. The SPD RTCC has been operating for over one year and this investment in Cores for the schools only strengthens efforts to protect students and staff from gun crimes.

Pole mounted cameras are assets to deploy in hot spots, areas of increased gun violence, that currently do not have camera systems. These systems can be deployed in a matter of hours and give an active view into these hotspots.

Description of the Issue

Applicants must describe the project to be implemented with grant funding. This section must include responses to the following:

- State the problem that was caused or exacerbated by the pandemic based on the program category in which you are applying (e.g. gun crime decrease in law enforcement staffing).
- Provide statistics to support the problem statement above;
- Applicants should use January 27, 2020 as the ARPA recognized start of the pandemic.
- Applicant data should demonstrate that the problem began during the pandemic or was exacerbated by it.

Gun related crime has risen in Statesboro since January 27, 2020 and has still not returned to pre-pandemic levels. In 2019 SPD officers responded to 141 Firearm Discharges calls, those responses more than doubled to 295 during 2020. In 2021 a total of 235 Firearms Discharges were reported and as of 11/11/2022 that officers had responded to 224 in 2022, all well above pre-pandemic levels. In 2019 the Statesboro Police Department investigated 2 murders, which was within the yearly average since 2015 of 1-3 murders per year. In 2019 that number spiked to 9 murders, from 2011 until 2019 the Statesboro Police Department investigated an average of 2.22 murders each year. In 2021 and since November 1, 2022 the Statesboro Police Department is still seeing an increase from pre-pandemic levels averaging 3 per year with 2 months of data left to collect for 2022. Aggravated Assaults with Firearms also increase in 2020 compared to 2019 data, in 2019 20 were investigated while that number increased to 27 in 2020.

The SPD VCRS Program will leverage technology and equipment to more efficiently and effectively respond to the rise in gun related crimes in Statesboro. Statesboro PD is not unique as it is one of the many agencies who are struggling to locate, recruit and hire qualified candidates. This struggle is so apparent that we have opted to not apply for funding for Law Enforcement Staffing, as additional positions would only be piled on top of the already vacant positions we currently have. The SPD VCRS will utilize Gunshot Detection hardware paired with fixed and mobile License Plate Readers (LPRs) that will be integrated into the SPD Real Time Crime Center (RTCC) and Video Sharing Program. The VCRS will also place video streaming cores into each of the schools in Statesboro to allow the schools video cameras to be streamed into the RTCC, which further allows remote access by responding officers to view cameras during critical incident responses such as active shooter incidents. Pole mounted remote video cameras will also be purchased to allow coverage in gun crime hot spots that do not currently share video with the SPD RTCC, currently over 533 cameras from local businesses and partners are shared with the SPD RTCC.

Leveraging this equipment and its associated software and technology will be a staffing multiplier for the Statesboro Police Department. While we have fewer officers on the street than we did before the pandemic we must maximize their efforts and efficiency to address the rise in gun related crimes we have experienced since the start of the pandemic. In 2019 SPD's hiring out-paced attrition, however in 2021 and 2022 attrition has outpaced hiring. This has further exacerbated the response to gun related crimes as fewer officers are available to respond to and investigate these crimes. This, however makes maximizing the efficiency of the officers we do have one of our highest priorities and by leveraging this equipment and technology we can accomplish this mission and deliver a higher level of service to the community.

Project Design and Implementation

Provide a description of the proposed activities and how the activities will engage with the community and any community partners that will be involved, if applicable. Applicants should identify the program objectives and describe the vision for the target population, specifically how this vision will address the problems identified in the Description of the Issue section and the broader impact to communities or jurisdictions. Ensure each objective is measurable and identify strategies to achieve the objectives. State if the proposed approach is evidence-based and, if so, provide supporting research references.

The Statesboro Police Departments VCRS Program will leverage 25 License Plate Readers (LPRs) tied into Acoustic Gunshot Detectors to allow for faster reporting of the incidents to responding officers while simultaneously capturing data from the surrounding LPRs. Currently many reported crimes require a caller (citizen) to notify law enforcement or a 911 center. There can be a lag in response times due to the citizen reporting this type of incident to a 911 center and 911 then dispatching the call. Utilizing Acoustic Gunshot Detectors will reduce the lag time of reporting, as the system will immediately notify the SPD Real Time Crime Center (RTCC) and officers who are logged into the system. Decreasing the notification time for officers to respond when a firearm is discharged will increase the likelihood of identifying suspects, potential witnesses and will allow for a faster response to potentially render lifesaving measures. Tying the Acoustic Gunshot Detectors into the LPRs will also give investigators additional potential leads to solve these crimes. The deployment for the location for the LPRs and Gunshot Detector will be based off of heat maps that focus these resources into areas that have previously had the most gun related crimes and in areas that will aid in the investigations of these incidents.

Having the LPRs tied into Acoustic Gunshot Detectors and both of these pieces of technology integrated into the SPD RTCC also leverages Public and Private video cameras in the vicinity of the firearms discharge. SPD has received great support from the community in building out the RTCC, that is reflected in the current 533 public and private cameras the SPD RTCC has being streamed into the RTCC. We are currently estimating the system will grow to approximately 700 cameras before the end of 2022 due to new locations that are in the process of being added. SPD dispatchers currently feed real time intelligence to responding officers, officers can also access this video from the computers in their patrol cars or their smartphones. This greatly improves situational awareness and officer safety. All of the video is also archived so investigators also have it at their fingertips, no longer locating camera owners and waiting for video to be provided.

The addition of capabilities (Fusus Cores) to receive currently existing video from each of the schools in the City of Statesboro will greatly improve the safety of the schools in cases of gun related crimes. It will be a huge advantage in response to an Active Shooter incident, allowing not only to concentrate resources to the threat immediately but will be a valuable tool for investigators. Officers being feed real time intelligence or being able to access live video

from inside a school during these types of incidents can be the difference in time to end this type of incident. It should also have some deterrent impacts.

Having the ability to deploy 3 mobile pole mounted video cameras into areas that are hotspots for gun related crimes that do not have video cameras in the area will allow for increased investigative leads. Video has become extremely important to all criminal investigations, especially investigations into gun related crimes. Adding these mobile pole mounted cameras as part of the strategy for the SPD VCRS Program only enhances the other technology being leveraged in the program.

A well-designed Real-Time Crime Center, marrying different technologies, has enabled the West Palm Beach Police Department to operate more efficiently to create a safer city for their residents. By installing gunshot detection and license plate recognition technology, and plugging these tools into a strategic hub for operations, West Palm Beach PD has achieved a 25% reduction in crime, which according to statistics has resulted in \$11.5 million dollar savings for the community. (<https://go.shotspotter.com/proven-strategies-in-utilizing-gunshot-detection-lpr-technology-to-reduce-crime>) The West Palm Beach PD's RTCC model is being utilized by SPD in SPD's RTCC. The West Palm Beach PD also utilizes the Fusus Platform that is the backbone of the SPD RTCC. (<https://www.fusus.com/blog/west-palm-beach-police-department-launches-fusus-real-time-crime-center>)

Engaging community and other law enforcement partners is a valuable aspect of the SPD VCRS Program. We have experienced very good participation in the video shared with the SPD RTCC since its inception, this engagement continues to grow as we expect to have 10 additional video donor sites added before the end of 2022 which will add approximately 160 additional cameras to the SPD RTCC. The continued growth of the SPD RTCC should see more than 1000 cameras on the system by the end of 2023. This only occurs by engaging our community partners. Our law enforcement partners also benefit from this growth as these investigative resources can be shared with our law enforcement partners.

The SPD VCRS Programs vision is to have a positive impact on gun related crimes and reduce them below pre-pandemic levels. The performance measures discussed in this application will give a solid measure of the programs objective and also allow for growth or realignment of the system of were assets are deployed if trends are discovered in areas of Statesboro that have not been previously plagued with gun related crimes.

Capabilities and Competencies

Applicants should demonstrate their capabilities to implement the project and the competencies of the staff assigned to the project to include the financial management of funding. The applicant should detail the level of support for the project, as well as the expertise of the individual(s) who will be responsible for managing the project. Applicants should also demonstrate their experiencing managing projects with federal funding.

Deputy Chief Robert Bryan (SPD) will be the Grant and Project Manager for the SPD VCRS Program. Deputy Chief Bryan has extensive experience in successfully managing grants for SPD since 2007 and has also successfully managed joint grants partnering with our Sheriff's Office since 2009. For the past 8 years he has also successfully planned and managed the budgets for the Statesboro Police Department. Since 2007 he has written, planned and managed at least 8 grants that were federally funded and numerous state level grants that were sub granted as pass through funds. His resume is attached as a supporting document in the Letters of Support Section.

The SPD Real Time Crime Center (RTCC) and Video Sharing Program has been up and running for close to two years. This is a true partnership with SPD and private businesses, public facilities, schools and homeowners. Video can be shared from existing video cameras from independent video systems utilizing a Fusus core. The video is streamed to the SPD RTCC and maintained in the cloud for a period of time determined by the videos owner. This allows SPD officers and dispatchers to monitor video at locations at or near calls for service. The SPD RTCC will also integrate the alerts from the LPR's and Gunshot Detectors into the software, a successful test has been completed with a LPR currently and is ongoing. All SPD officers and dispatchers have been trained in the use of the SPD RTCC platform and software. The SPD RTCC platform is managed by Deputy Chief Robert Bryan and Captain Jared Akins who have tirelessly worked to expand the system by partnering with local business, public organizations, schools and community members. The SPD RTCC also has the full support of the system vendor, Fusus who has provided a highly dedicated team to ensure the growth and operational needs of the system.

The LPR's and Gunshot Detection System is made by Flock Safety. For SPD this program has been managed by a team from the SPD Command Staff. For the last 60-90 days SPD has been testing a LPR for proof of concept and it has worked exceptionally well. The team from Flock Safety has provided initial training for SPD Officers and Detectives. Merging the technologies into an integrated platform has also been tested during this period.

We feel confident the partnership between SPD, the community and these vendors will lead to successes with this program. Both of these vendors have systems operating across the State of Georgia and in various parts of the United States.

Plan for Collecting the Data Required

Applicants should describe the process for measuring project performance, identify who will collect the data, who is responsible for performance measurement, and how the information will be used to guide and assess the program. Successful applicants will demonstrate understanding of [performance data to be collected and reported](#).

For each project goal, applicants should identify the criteria that will determine how and if the objectives have been successfully met and one or more specific measurable outcome(s) and the data sources that will be used to determine whether the outcome was accomplished.

The Statesboro Police Department currently tracks data utilizing Monthly and Annual Reports that are also compared to previous years to spot trends and focus efforts on areas that see increases. The monthly and annual data is submitted by the administrative assistants from various bureaus and compiled by the administrative assistant assigned to the Patrol Bureau.

The projects performance will be measured by utilizing data from the department's monthly and annual reports as well as other specific data that will measure the performance of this project against baseline data before the project was implemented.

Specific to this project a SPD VCRS Program monthly and annual report will be created to track gun crimes specifically and how the VCRS Program has had an impact on those crimes. The data will be collected and analyzed by Deputy Chief Robert Bryan. Data to be collected and analyzed will include:

- Number of Murders
- Number of Reported Firearms Discharges
- Number of individual crimes where firearms are utilized
- Number of Stolen Firearms
- Number of Recovered Stolen Firearms
- Number of Seized Firearms
- Number of arrests for firearms offenses (broken down by State or Federal prosecutions)

- Outcomes based on use of LPR cameras
 - o Arrests for Firearms related crimes
 - Location of LPR utilized in arrest
 - o Leads generated for investigations
 - Location of LPR utilized in lead generation

- o Fugitive Arrest
 - ▣ Location of LPR utilized in arrest
- o Stolen Firearm Recovery
 - ▣ Location of LPR utilized in Recovery
- o Other Stolen Property Recovery
 - ▣ Location of LPR utilized in arrest
- o Other Arrests
 - ▣ Location of LPR utilized in arrest
- o Analysis of LPR locations (conducted annually)

- Outcomes based on use of Fusus shared cameras
 - o Arrests for Firearms related crimes
 - o Leads generated for investigations
 - o Fugitive Arrest
 - o Other Arrests

- Outcomes based on use of Pole mounted cameras
 - o Arrests for Firearms related crimes
 - o Leads generated for investigations
 - o Fugitive Arrest
 - o Other Arrests

- Outcomes based on Gunshot Detection
 - o Gunshot Detection Alerts with arrests
 - o Gunshot Detection Alerts with leads generated
 - o Semi-annual longitudinal analysis of areas with gunshot detection vs areas without gunshot detection, impact on arrests where a firearm was discharged

Budget: All budget items must be related to the purpose of addressing the negative impacts of the coronavirus pandemic.

Applicants should submit a budget that is complete, reasonable, cost effective, and is an allowable use of the funding under the chosen category.

The budget must be based on quoted estimates and calculations, not rounded estimates. (All budget totals will require validation based on the calculation provided in the uploaded version so please ensure that you retain the documentation for the basis of all calculations in the requested budget.)

Budget Category	Amount
1. Personnel	\$X
2. Fringe	\$X
3. Travel	\$X
4. Equipment	\$X
5. Supplies	\$X
6. Contracts/Consultants/Subawards	\$X
7. Other	\$X
Total	\$X

Note: The application will also require a detailed budget breakdown using our detailed budget worksheet. Please download the detailed budget worksheet here and upload in the document section of the application. Instructions for the detailed budget worksheet can be found here: <https://opb.georgia.gov/document/document/budget-worksheet/download>.

Personnel

0

Fringe

0

Travel

0

Equipment

0

Supplies

0

Contracts/Consultants/Subawards

0

Other

514493

Budget Total

514493.0

Budget Narrative

A Budget narrative that explains the estimated costs by line item or category in the budget. Budget narratives should explain how the costs associated with each line item or category relate to the implementation of the project as outlined in the proposal being submitted. Budget narratives must explain how the costs associated with each line item or category relate to the implementation of the project as outlined in the proposal being submitted. If your proposal contains multiple projects or sub-awards, you can provide a breakdown per project as well in your budget narrative. Budget narratives must respond to the following: Provide a description of the position, equipment, supply, travel, etc. requested on each line and how it is related to carrying out the objectives and goals of the project. Your narrative must provide granular detail on what the proposal will fund and how it aligns to your project. (Minimum 250 words, Maximum 500 words)

The total request for the SPD VCRS Program totals \$514,493.00. Items with and annually recurring cost have been estimated at 43 months after discussing implementation time lines and grant period with the prospective vendor.

Budget Item # Item

1 - Gunshot Detection Sensors (2 sq mile coverage)

Item 1 will cover 2 square miles with Gunshot Detection Sensors (GDS), this does not have to be a contiguous 2 square miles. The GDS's will notify the SPD RTCC when a gunshot occurs, they will also be tied into the LPR's in the vicinity to provide real time intelligence of vehicles in the area. More timely information of when gunshots occur equate to faster response times and will increase the likelihood of identifying suspects, potential witnesses and will allow for a faster response to potentially render lifesaving measures. The cost per year is \$50,000.00.

2 - 25 Fixed Location License Plate Readers

Item 2 will place 25 Fixed Location License Plate Readers in key areas deployment areas that will be based off of heat maps to focus these resources into areas that have previously had the most gun related crimes and in areas that will aid in the investigations of these incidents. The cost per year is \$62,500.00.

3 - 5 Mobile License Plate Readers

Item 3 will acquire 5 Mobile License Plate Readers that can be moved into new hot spots as they arise this will be based off of heat maps to focus these resources into areas that do not currently have fixed location LPR's. Having the mobile solution allows movement into these new hot spots much faster as the fixed location LPR's require

permits depending on the locations. The cost per year is \$15,000.00.

4 - Advanced Search for LPRs (Fixed and Mobile)

Item 4 is an Advanced Search software for the LPR's. Not every investigation starts with a vehicle description or plate number. The Advanced Search package transforms alternative intelligence, like neighborhood security footage, a primary suspect vehicle description, or multiple crime locations, into the critical piece of evidence for solving crimes.

5 - 25 Professional Installation of Fixed LPRS

Item 5 is the professional installation of the 25 fixed location LPR's. This includes handling of all permitting that may be required to include dig permits. The \$8,750.00 total cost is a one-time non-recurring cost.

6 - 27 Fusus CorePro's

Item 6 adds the capabilities to receive or stream currently existing video from each of the schools in the City of Statesboro into the SPD RTCC. This will greatly improve the safety of the schools in cases of gun related crimes, as well as SPD response and investigative efforts. The \$16,200.00 total cost is a one-time non-recurring cost.

7 - Mobile Pole Mounted Camera Systems

Item 7 adds the ability to deploy 3 mobile pole mounted video cameras into areas that are hotspots for gun related crimes that do not have video cameras in the area will allow for increased investigative leads. The \$17,493.00 total cost is a one-time non-recurring cost.

Match Funds

Applicants plan for leveraging funds, if any, from other sources to maximize impact. Please include details regarding the total project costs if match is a part of the proposal, the amount of match, and how match funds will be used and a breakdown of grant funds to be used versus total project costs. ***If no match is provided, please enter \$0.***

Example:

OPB Grant Request: \$2,000,000

Local Match: \$1,000,000

Total Project Costs: \$3,000,000

Explanation: Local match will be made up of \$1,000,000 funds from the city's general fund.

\$0.00

Signature

General expectations include but are not limited to understanding and following the rules and regulations outlined for CSFRF in:

- [Department of US Treasury Final Rule](#);
- Department of US Treasury Final Rule FAQs;
- [Policy Requirements including 2CFR 200](#) ;
- OPB's Program, Reporting, and Compliance Requirements as well as the Terms & Conditions Agreement for the respective grant award; and
- The grantee's own organizational policies and procedures.
- Additionally, as a grantee, you are required to:
 - Fulfill the project expectations of your award;
 - Ensure financial and performance benchmarks are met; and
 - Strictly adhere to your project's objective, budget, and timeline.

By submitting this application, I understand that I am submitting a proposal for a grant that is structured as a reimbursement method of payment for all projects with the exception of water sewer infrastructure and broadband infrastructure. Additionally, I attest that I understand the responsibility to comply with applicable state, local, and federal policy requirements including 2 CFR 200 subpart D competitive procurement requirements.

Please click below to sign.

A large, stylized handwritten signature in black ink on a light gray background. The signature is cursive and appears to be the name 'A. Brown'.

After signing above, please submit your application.