

## Project Details

**Project Title:** County of Greenville-Greenville County Sheriff's Office  
Gang and Drug Enforcement Unit Chemical Detection  
System

**Project Summary (max.  
300 characters):** The County of Greenville is seeking funding for the Sheriff's  
Office Gang Unit and Drug Enforcement Unit to purchase a  
MX908 high-pressure mass spectrometry detection system  
to aide in detecting Fentanyl and other dangerous drugs  
seen with when dealing with increase gang activity.

**Type of Application:** New

**Year of Funds:** 1

**Appropriation of  
Non-Grantor Matching  
Funds:** County

**Other (explain):**

**Program Area:** Greenville County

# Budget

CATEGORIES	GRANTOR	CASH MATCHING FUNDS	TOTAL
<b>PERSONNEL - SALARIES:</b>			
Position Title	Annual Salary/Rate	% of Time On Project	
<b>TOTAL SALARIES:</b>			
	\$0	\$0	\$0

## EMPLOYER CONTRIBUTIONS (Fringe Benefits)

Description	Rate	X Base	
Social Security & Medicare (FICA)			
Retirement			
Workers Compensation Insurance			
Unemployment Insurance (on first \$7,000 only)			
Health Insurance			
Dental Insurance			
Pre-Retirement Death Benefit			
Accident Death Benefit (Police Officers)			
Other Employer Contributions (Itemize)			
<b>TOTAL EMPLOYER CONTRIBUTIONS:</b>			
	\$0	\$0	\$0
<b>TOTAL PERSONNEL:</b>			
	\$0	\$0	\$0

## CONTRACTUAL SERVICES:

(Itemize - DO NOT include professional fees for doctors, psychologists, etc.)

Description	Cost	Quantity	
	\$0	\$0	\$0
<b>TOTAL CONTRACTUAL SERVICES:</b>			
	\$0	\$0	\$0

## TRAVEL:

(Itemize-include mileage, airline cost, lodging, per diem, parking, car rental)

Description	Cost	Quantity			
			\$0	\$0	\$0
			<b>TOTAL TRAVEL:</b>	\$0	\$0

**EQUIPMENT (\$1,000 or more per Unit):**

**(Itemize - DO NOT USE BRAND NAME. Also, DO NOT include leased, rented items or software)**

Description	Cost	Quantity			
High-Pressure Mass Spectrometry Detection System- with trace detection capability in chemical, explosive, and drugs scenarios including fentanyl and fentanyl analogs,	68000	1	\$68,000	\$0	\$68,000
			<b>TOTAL EQUIPMENT:</b>	\$68,000	\$0

**OTHER:**

Description	Cost	Quantity			
			\$0	\$0	\$0
			<b>TOTAL OTHER:</b>	\$0	\$0
			<b>TOTAL PROJECT COST:</b>	\$68,000	\$0

# Budget Narrative

List items under each Budget Category Heading. Explain exactly how each item listed in your budget (both grantor and match) will be utilized. It is important that the necessity of these items, as they relate to the operation of the project, be established. Dollar amounts DO NOT have to be provided.

The County of Greenville, on behalf of the Greenville County Sheriff's Office who will be the implementing agency, is seeking funding for MX908-c handheld mass spec chemical detection system for gas/vapor, liquids and solids that can detect most drugs of abuse, detection of 2,000+ novel fentanyl analogs, detection of trace fentanyls within bulk cutting agents (street cut drugs), Simultaneous identification of mixed street drugs such as heroin, cocaine or methamphetamine with trace fentanyls. Gang activity continues to increase with over 200 documented gang and drug related cases investigated by the Greenville County Sheriff's Office in 2021 and several hundred overdose deaths in 2021. Almost all gang related crimes in Greenville County involve or tie back to drugs, with a drastic increase of fentanyl being seen in Greenville County. This equipment would allow for a rapid accurate test of illegal drugs and allow for law enforcement to know what substance(s) they are dealing with and what safety precautions need to be implemented based on the type of substance identified. This would aide in making appropriate charges in a expedient time frame removing potential dangerous gang members from the community. This would also aide in medical response to potential overdoses allowing medical attention to be properly administered if the suspected overdose substance has been identified.

# Program Narrative

**PROBLEM STATEMENT:** First, define the problem exactly as it exists in your particular community. Describe the nature and magnitude of the problem using valid, updated statistical data, and cite the source and date of your information. Prior data may be used to show changes in the magnitude or severity of the problem. Remember to document the problem and not the symptoms or solutions of the problem. Second, identify your existing efforts, current resources and programs being utilized to deal with the problem.

Due to Greenville County being one of the highest populated counties in the State of South Carolina and being located along Interstate 85 (a known drug corridor) between Atlanta and Charlotte, Greenville naturally tends to have higher amounts of violent crime, drugs, and gang related crime. There have been more than 200 documented gang and drug related cases in Greenville County since January 1, 2021. For calendar year 2021, the Gang Investigation Unit alone seized approximately 700 grams of cocaine, 350 grams of methamphetamine, 55 grams of heroin/fentanyl, and more than 200 pills containing various controlled substances. Greenville County had approximately 200 drug overdose related deaths during 2021 and this statistic has been noticeably growing over the last few years previous to 2021. There are now multiple cases that the Greenville County Gang Investigations Unit, in conjunction with the Greenville County Drug Enforcement Unit (DEU), DEA, and HSI are working in which documented gang members are conducting multi-jurisdictional drug operations. These gang/drug operations involve pill presses, methamphetamine conversion labs, and other sophisticated drug operations in support of gang activity. Greenville Investigators have been relying on TrueNarc or other field test kits to test drugs found on scene when conducting gang related investigations to include drugs and violent crimes linked to gang activity. Investigators have found that at times TrueNarc and the other field test kits have been unable to correctly identify the drugs found on scene which were later correctly identified by the Greenville County Drug Lab. Also, the Gang Investigation Unit currently borrows and uses the Greenville County Drug Enforcement TrueNarc at this time. There is only one TrueNarc unit assigned to the Drug Enforcement Unit at this time. This system is routinely being utilized by DEU investigators but it also routinely becomes unavailable due to many operations occurring simultaneously. Greenville County Gang investigators and DEU investigators believe that an additional system like the MX908 would help to solve the problem of lack of quality drug testing resources being immediately available while conducting necessary simultaneous operations. Simultaneous operations are also occurring frequently due to Gang and DEU investigators being involved in large scale multi-jurisdictional state grand jury investigations and large investigations involving federal agencies including DEA and HSI. Furthermore, Greenville County's material and personnel assets are routinely utilized by other local agencies under mutual aid agreements, receiving this MX908 system could also benefit the surrounding agencies and counties in a variety of potential scenarios. Greenville County is surrounded by 5 other counties containing more than 20 other local Law Enforcement agencies and dozens of EMS and Fire department agencies. GCDEU investigators also routinely have investigations (overdose related, state grand jury, etc) in which the drug dealers/suppliers conduct their business in multiple jurisdictions surrounding Greenville County, thus involving the other surrounding local agencies.

Currently multiple local community initiatives are in place attempting to stop the gang and drug problem within Greenville County. DEU investigators regularly attend community events involving the Phoenix Center (which assist with drug addiction support/rehabilitation). 'Put down the guns young people' is one of multiple local organizations attempting to stop gang related activities and divert youth away from gang activity. 'GREAT' (Gang Resistance Education And Training) is also active in Greenville and educates youth in regards to drug/gang activity.

**PROJECT PURPOSE:** First, describe the broad goals of your project. Then describe a specific plan for conducting the project and a rationale for the tasks and activities to be employed to address the problem outlined above.

The purpose of this project is to assist investigators with more timely identification of drugs found on scene during gang/drug related investigations. Gang and DEU investigators have located multiple pill press operations and recently a methamphetamine conversion lab. The dangers of these laboratories to the community are significant. Due this danger, correct and timely identification of the substances found on scene is necessary to assist investigators with determining safe stand-off and evacuation distances for local population and first responders. Furthermore, the evolving dangers involving illicit Fentanyl and other newer illicit substances is only beginning to be documented and understood by the medical and first responder community. It is now commonly understood by first responders in the area that the old methods of being able to correctly identify pills due to their markings or powders and other substances due to their color and consistency is no longer viable. A drug identification system such as MX908 could potentially save first responders from inhalation and exposure hazards on scene.

Investigators have found that at times TrueNarc and the other field test kits have been unable to correctly identify the drugs found on scene which were later correctly identified by the Greenville County Drug Lab. Also, the Gang Investigation Unit currently borrows and uses the Greenville County Drug Enforcement TrueNarc at this time. There is only one TrueNarc unit assigned to the Drug Enforcement Unit at this time. This system is routinely being utilized by DEU investigators but it also routinely becomes unavailable due to many operations occurring simultaneously.

Correct identification of at least 90% of drugs field tested by Gang and DEU investigators for the first year that the MX908 is

obtained is the goal of using this grant to obtain the testing system.

**PROJECT OBJECTIVE(S):** Objectives are specific, quantified statements of expected results of the project. The objectives must be described in terms of measurable events that can be realistically expected under time constraints and resources. Objective must be related to the Problem Statement and Project Purpose outlined above.

Gang and DEU investigators will utilize the MX908 system to test drugs found on scene during investigations and also compare its results with results from the TrueNarc system and other standard field test kits. This will be done when feasible and in cases where there is enough viable substance to test safely.

**PERFORMANCE INDICATOR(S):** State exactly how each objective will be measured. **Performance indicators must be matched to each program objective listed above** (i.e., if there are 5 objectives then there must be 5 corresponding performance indicators). Performance indicators are based on quantitative (numbers) and qualitative (opinions organized in meaningful ways) data gathering procedures which evaluate and document your project.

Records detailing the comparison of results for cases in which the TrueNarc, standard field test kits, and the MX908 were utilized to test the same drugs will be documented monthly.

**PROJECT EVALUATION:** This requirement is to: (1) establish an evaluation plan or process to assess the impact of your project on the drug and violent crime problem in your jurisdiction, (2) conduct the evaluation during the grant funded period, and (3) submit a formal written evaluation report at the close of the grant period. The purpose of evaluating each project is to assess how well it has been implemented in your jurisdiction and to assess the extent to which the activities funded have achieved the project's goals. The plan or process must describe how the evaluation will be accomplished and must describe the range of activities that will serve as vehicles for obtaining general qualitative and specific quantitative information. **The plan or process must be completed and submitted on this page.**

Documented uses of the equipment to test drugs will be kept via a usage log that will contain the suspected drug type, the drug identified by the equipment, and incident case type. Charges and arrests made as a result of the usage will also be documented. A comparison will be made with the results of the requested test equipment and the official drug lab report that would be conducted at a later date once the drugs have had been seized and placed into evidence for court prosecution. The result of this comparison will also be documented during the grant funding period. Finally, court convictions as a result of using this equipment will also be documented. All of this information and comparisons during the grant funding period will be submitted in a written report at the conclusion of the grant period.

**GRANT-FUNDED PERSONNEL TRAINING:** A formal training plan should be prepared for grant-funded personnel to provide qualification training necessary to adequately implement the first year of the grant project. For continuation grant projects, sustainment-training needs are encouraged and expected. Cite the training plan and training courses below.

**PROJECT CONTINUATION POTENTIAL:** Explain how the project activity will be continued after federal assistance is no longer available.

The equipment project purchased would be maintained and supported by the Greenville County Sheriff's Office after the grant funding period has ended.