

PROGRAM NARRATIVE

Applicant Name: County of Durham
Sub-award: City of Durham (*Forfeited their share of 2020 JAG funds the County of Durham*)
Priority Areas: Emergency Preparedness & Officer Safety

The Durham County Sheriff's Office and the City of Durham Police Department have historically agreed to split all JAG funds 50/50 to support law enforcement preparedness, enhancements and community outreach. Durham Police Department has agreed to forfeit their share of the 2020 JAG funds in the amount of \$86,521.50 to the Durham County Sheriff's Office. The Durham County Sheriff's Office is seeking the total allotment of Local 2020 Jag funds in the amount of \$173,043.

Both the County and City of Durham have executed an Inter-local agreement detailing the allocation of these funds. The Comptroller of the Durham County Sheriff's Office will serve as the Fiscal Agent for the 2020 JAG award and is prepared to track and report all JAG drawdowns and grant expenditures to ensure accurate financial and programmatic reporting on a timely basis. Financial internal controls include adherence to recognized accounting practices and use of the Durham County integrated financial reporting software. The funding for this grant will be maintained in separate accounting lines that are independent from the Sheriff's Office operating budget within the Grant Module portion of the Durham County SAP Financial System. This enables the funds to be monitored and tracked individually from all other funds. The Durham County Compliance Manager confirms proper set up of all grant funding. The 2020 JAG award will be reviewed on a monthly basis to ensure all drawdowns are accurate and consistent with expenditures in the grant module.

The County of Durham desires to improve the quality of life for its residents through support of law enforcement programs and specialized teams whom strive to respond to the community's needs and combats crime through the acquisition of critical equipment. Durham County endeavor to accomplish these objectives in the following ways:

- Build positive relationships with law enforcement through safe, timely, and appropriate responses that includes understanding, education and prevention.
- Continue to build a collaborative community and law enforcement partnership
- Obtain critical incident and specialized equipment to better service the community during life-threatening events.

Durham County

Specialized Technology – Funds will be used to purchase a Rescue One Boat and Trailer for our Search and Recovery Team (SAR). The current vessel has been damaged and repaired multiple times and has now out lived its usefulness. It was purchased 24 years ago when SAR consisted of 5 divers. Since then, the team has added seven additional divers. To that end, space is not only a concern for the number of divers, but all of the gear required to complete their missions. The Rescue One Boat is better equipped and ergonomically designed for the recovery of drowning, homicide and suicide victims, divers and other property that is considered as evidence. Funds will also be used to purchase a Remote Operated Vehicle (ROV) to be used in conjunction with the Rescue One Boat. The ROV is a completely mobile underwater camera system that is controlled from the surface and capable of staying submerged indefinitely. This camera can drastically reduce search times, as well as the associated risks and costs with diving operations. The ROV includes a scanning sonar and single function (open/close) manipulator arm that will support all critical needs throughout these types of missions.

These funds will also be used to purchase low level spectrum light device LSLD to support the needs of the Search & Recovery Team, Hazardous Devices Unit, Emergency Response Team and Project-Lifesaver Team. This modern technology allows officers to quickly locate, assess and rescue individuals involved in missing person callouts during low and no-light conditions. This technology will significantly decrease the amount of time required to search certain landscapes for individuals who go missing and suffer from cognitive impairment and are prone to the life-threatening behavior of wandering. This will also expand the amount of time that officers can actively search throughout the night. In our region of the country, we experience extremely hot temperatures during the summer months and below freezing temperatures in the winter. Exposure to these types of conditions for any amount of time jeopardizes our ability to save lives. Hypothermia, heat exhaustion and dehydration are the most common causes of death during these extended searches. Additional uses for this technology would include render-safe procedures while mitigating improvised explosive devices IED's that require low or no-light environments. It will also improve officers' ability to locate suspects during barricades, hostage situations, high risk search warrants and vehicle take-downs. By utilizing this technology, commanders can quickly size up the scene, contain the threat and administer the least amount of force necessary to effect an arrest, ultimately saving more lives.

Critical Incident Equipment - The Durham County Sheriff's Office Emergency Response Team and Hazardous Devices Unit continue to be deployed, both together and independently during unusual occurrences. Funds will be used to purchase body armor, commonly referred to as bulletproof vests. The National Institute of Justice (NIJ) identifies body armor as a vital safety measure for law enforcement and corrections officers. Further, body armor is critical safety equipment for officers' personal protection. Although there is no such thing as bullet-proof armor, ballistic-resistant body armor can protect against many types of handgun and rifle ammunition. Since it was founded in 1987, the International Association of Chiefs of Police/DuPont Kevlar Survivors' Club has recognized more than 3,100 officers who have been saved from death or serious injury by wearing body armor. Following the current vest replacement cycles, we will be replacing seven (7) level IV Ballistic Vests for these units.

Funds will be used to purchase protective equipment for the members of the Durham County Sheriff's Office Mobile Field Force (MFF). Over the past five years Durham has seen an increase in the number of protests, which have at times become violent and turn into mass disturbances. These threats have been in the form of physical assaults to breaking and entering, including the recovery of Molotov Cocktails. To address the constant strain on the officers that have been reassigned from different divisions to address these incidents, the Sheriff's Office has decided to form an official Mobile Field Force through a formal application and selection process. The Mobile Field Force will be a team of selected officers that are trained in crowd management. When the Mobile Field Force is deployed in times of civil unrest or riots, it is necessary for them to utilize equipment that will protect them from injuries that can be incurred by objects striking their heads and bodies. The standard gear that's needed to outfit the MMF would consist of; helmets with a face shield, upper body protection, groin protection, hand protection, shin guards for each leg and a wooden baton. Agency issued bullet proof vests provide some protection, but for maximum protection, officers need soft body armor for blunt force trauma.

BUDGET NARRATIVE

Funds will be used to purchase a Rescue One Boat and Trailer for our Search and Recovery Team (SAR). The current vessel has been damaged and repaired multiple times and has now out lived its usefulness. This will also include a Remote Operated Vehicle (ROV), scanning sonar and single function (open/close) manipulator arm that will support all critical needs throughout SAR missions. These funds will also be used to purchase low level spectrum light devices LLSLD to support the needs of the Search & Recovery Team, Hazardous Devices Unit, Emergency Response Team and Project-Lifesaver Team. This modern technology allows officers to quickly locate, assess and rescue individuals involved in missing person callouts during low and no-light conditions. This technology will significantly decrease the amount of time required to search certain landscapes for individuals who go missing and suffer from cognitive impairment and are prone to the life-threatening behavior of wandering. The Hazardous Devices Unit and Emergency Response Team will be following current vest replacement cycles for seven (7) level IV Ballistic Vests for these units. Body armor is critical safety equipment for officers' personal protection. Due to the increase in the number of protests, which have at times become violent and turn into mass disturbances the Sheriff's Office has decided to create an official Mobile Field Force MFF. This purchase will completely up fit 50 officers who will be assigned to the unit.

- **Rescue One Boat & Trailer (Total \$35,000):** This vessel will replace the current pontoon boat, which will enhance officers' capability in terms of size and function during SAR Missions.
- **Remote Operated Vehicle (Total \$22,000):** The ROV is a completely mobile underwater camera system that is controlled from the surface and capable of staying submerged indefinitely. This camera can drastically reduce search times, as well as the associated risks and costs with diving operations.

- **SCAN-650 Scanning Sonar (Total \$7,000):** This equipment will be used in conjunction with the ROV to reduce the amount of time needed during search operations.
- **Single Function Manipulator Arm (Total \$3,043):** This will be used to manipulate items located during evidence recoveries, which ultimately eliminates the need for divers to enter the water.
- **Level IV Ballistic Vests (Total \$17,500):** These ballistic vests are on a replacement schedule for the sheriff's office emergency response team and Hazardous Devices Unit. A total of (7) vests will be purchased this year. Due to the nature of tasks required, these operators are provided with the best protection against stabbing and gunfire. Vest technology is always improving. When able, these operators are given the opportunity to upgrade to the latest vest technology. This has cut out some weight from the overall vest. The arm protection has received some improvements and now have built-in creases. The groin protector has been modified to be more like a cumber bum protector for easier mobility of the operator.
- **(2) Low Level Spectrum Light Device LSLD (Total \$28,500) –** These optics will allow officers to quickly locate, assess and rescue individuals involved in missing person callouts during low and no-light conditions. This technology will significantly decrease the amount of time required to search certain landscapes for individuals who go missing and suffer from cognitive impairment and are prone to the life-threatening behavior of wandering. Due to our region of the country, we experience extremely hot temperatures during the summer months and below freezing temperatures in the winter. Along with dehydration, exposure to these types of conditions for any amount of time jeopardizes our ability to save lives. Additional uses for this technology would include render-safe procedures while mitigating improvised explosive devices IED's that require low or no-light environments. It will also improve officers' ability to locate suspects during barricades, hostage situations, high risk search warrants and vehicle take-downs.
- **(50) Mobile Field Force Uniforms & Equipment (Total \$60,000) –**To address the constant strain on the officers that have been reassigned from different divisions, to address these incidents, the Sheriff's Office has decided to form an official Mobile Field Force through a formal application and selection process. The Mobile Field Force will be a team of selected officers that are trained in crowd control tactics and maneuvers. When the Mobile Field Force is deployed in times of civil unrest and riots it is necessary for them to utilize equipment that will protect them from injuries that can be incurred by objects striking their head and body.

Budget Detail – County

A. Personnel	\$ 0.00
B. Fringe Benefits	\$ 0.00
C. Travel	\$ 0.00
D. Equipment	\$ 173,043.00
<ul style="list-style-type: none">1. (1) Rescue One Boat & Trailer @ \$35,000 = \$35,000.002. (1) Remote Operated Vehicle @ \$22,000 = \$22,000.003. (1) Scanning Sonar @ \$7,000 = \$7,000.004. (1) Single Function Manipulator Arm @ \$3,043 = \$3,043.005. (7) Level IV Ballistic Vests @ \$2,500 = \$17,500.006. (2) LLSLD Optics @ \$14,250 = \$28,500.007. (50) Mobile Field Force Uniforms & Equipment @ \$1,200 = \$60,00.00	
<i>Note: Procurement will be through Durham County bid procedure and/or quote gathering, requisition and purchase order policies.</i>	
E. Supplies	\$ 0.00
F. Construction	\$ 0.00
G. Consultants/Contracts	\$ 0.00
H. Other Costs	\$ 0.00
I. Indirect Costs	\$ 0.00

Budget Summary – County

A. Personnel	\$	0.00
B. Fringe Benefits	\$	0.00
C. Travel	\$	0.00
D. Equipment	\$	173,043.00

E. Supplies	\$	0.00
F. Construction		Unallowable
G. Consultants/Contracts	\$	0.00
H. Other	\$	0.00
Total Direct Costs	\$	173,043.00
I. Indirect Costs	\$	0.00
TOTAL PROJECT COSTS	\$	173,043.00
Federal Request	\$	173,043.00
Non-Federal Amount	\$	0.00