

# FY19 JUSTICE ASSISTANCE GRANT Addendum

Submission Instructions: Email completed addendum file to [cjapplications@nctcog.org](mailto:cjapplications@nctcog.org) no later than  
5:00 pm CST on February 20, 2018  
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**COMPLETED ADDENDUM SHOULD NOT EXCEED 3 PAGES**

**Agency Name:** Collin County / Collin County Sheriff's Office  
**Application title:** Night Vision Equipment  
**Application #:** 3526001  
**Location of Agency Headquarters:** 4300 Community, McKinney, TX 75071-2535  
**CJD amount requested for this project:** \$77,750

**Is this a collaborative project?** YES \_\_\_\_\_ NO  X

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**PROJECT SUMMARY:** Briefly summarize the entire application. Descriptors may include but are not limited to describing problem to be addressed, activities, goal and objectives, and how budget items will be used in carrying out the project.

Many crimes occur at night as criminals prefer to use the cover of darkness to conceal their actions and avoid apprehension. Not only are there generally fewer witnesses to crimes at night, but darkness decreases a criminal's chances of being detected and improves the likelihood of escape. Therefore, many law enforcement activities take place in low light or dark environments, which poses challenges and can place officers at a disadvantage. Officers need to be able to see in the dark, and a flashlight isn't always the answer. Use of a flashlight can provide criminals with officers' location, placing them at increased risk, and reveal where deputies are searching, making evasion easier. Night vision equipment gives officers a tool to stay safer and increase the probability of bringing subjects who choose to commit criminal offense using the cover and concealment of darkness to justice.

Night vision equipment would allow deputies to maintain the ability to see and observe in dark environments, such as rural or wooded areas, public parks, and dark buildings, where vision is usually severely limited. Night vision technology uses image intensification to intensify existing light, such as from ambient lighting or the moon and stars, and allows users to see more details in darkness. Corresponding infrared laser / illuminators can only be viewed by those wearing night vision devices and have light sources that help with image intensification and improve image quality in total darkness when ambient light is not available.

With each call, officers do not know what the situation will bring. Whether responding to an assault, burglary, prowler / trespass call, or other any other scenario, officers are often at a disadvantage with unknowns associated with approaching the scene. With night vision equipment, officers can stop and quickly scan the property at a distance without giving away their location through the use of a flashlight, increasing their situational awareness and improving officer safety. Additionally, the technology can also expand a single officer's search radius to approximately 1,500 feet, which would normally take several officers using conventional search methods. This advantage not only enhances officers' ability to locate fugitives, but also missing and/or endangered persons, in less time. Time is critical during search and rescue operation for lost children, runaways, missing persons with dementia and other disabilities, and victims of boating accidents and natural disasters. Night vision can speed search and rescue missions where empty fields and other terrain can be scanned quickly, which could make the difference in saving a life. Having night vision technology available provides officers with an additional tool in situations where it is needed.

Grant funding will be used to equip 15 Collin County Sheriff's Office patrol units with head / helmet mounted night vision units and corresponding infrared laser / illuminators and obtain equipment training. Training will be provided to 25 officers through a local tactical training vendor. By providing the technology necessary for

responding officers to scan large areas of otherwise total darkness, the proposed project will enhance officers' operational capabilities in dark environments to more effectively manage surveillance activities, locate and apprehend suspects, investigate crime scenes, and conduct search and rescue operations while improving the safety of the officer and the public in Collin County.

**SUPPORTING DATA:** Provide at least three years of supporting data - including baseline statistics and the sources of your data - to provide evidence that the problem exists, its size and scope, and its effects on the target population. Do not use statewide data for a local problem or national data for a statewide problem.

Each year Collin County Sheriff's Office responds to thousands of calls, many of which happen at night. Officers' activities are maintained by the Sheriff's Office records division and are reported by call type and time of day. Of the over 200 call types, night vision equipment would likely be useful for 65 to 70 different types. Of those, over 20% each year occur during hours of limited light. In the table below are the number of Sherriff's Office responses, occurring between 9 pm to 5:59 am, by call type where night vision equipment may be beneficial. Over the past three years, night vision may have been useful over 7,500 times.

<b># Responses by Call Type (2100 - 0559)</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
Suspicious Circumstance, People	533	616	720	<b>1,869</b>
Burglar Alarms, Open Door/Building	303	365	427	<b>1,095</b>
Domestic Disturbance	210	213	178	<b>601</b>
K9 Tracks (Air, Missing Person)	95	62	118	<b>275</b>
Burglary, Robbery, Theft	73	59	60	<b>192</b>
Firearms, Shots Fired	96	88	96	<b>280</b>
Prowlers	50	30	34	<b>114</b>
Criminal Trespass	54	35	33	<b>122</b>
Disturbance	58	53	46	<b>157</b>
Assault	36	32	24	<b>92</b>
Warrant Service	29	24	30	<b>83</b>
Missing Child, Person	13	9	9	<b>31</b>
Other Call Types (Boat/Drown, Natural Disaster, Murder, Barricade, Warrants, Foot/Chase, Stabbing, Narcotics, etc.)	779	824	1,064	<b>2,667</b>
	<b>2,329</b>	<b>2,410</b>	<b>2,839</b>	<b>7,578</b>

**CAPACITY & CAPABILITIES – AGENCY COLLABORATION:** This information will be assessed with the Capacity & Capabilities section in eGrants. In the table below, list no more than five (5) of the most important collaborations that your agency has with other entities in order to carry out this project. If no collaborations are needed, please put N/A.

<b>AGENCY NAME</b>	<b>DESCRIBE HOW AGENCY ASSISTS WITH <u>THIS</u> PROJECT</b>	<b>CONTACT PERSON NAME</b>
N/A		

**SUSTAINABILITY:** Describe your strategy to sustain this project beyond the grant period. For equipment or technology grants, describe agency's plan to maintain equipment beyond the grant period (i.e., routine maintenance, repairs, upgrades, etc.).

Departmental funds will be utilized for routine maintenance and repair. County funds will be sought for end of life replacement to maintain the capability; however, if local funding is not available, the County may seek additional grant funds in the future for replacement.

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