

## JUSTICE ASSISTANCE GRANT FY2017 PROJECTS

BOA -

3140-505502-5521-91711

1. Fiber Optics to West - \$59,000

The Lexington Police Department will begin issuing Body Worn Cameras to operational officers and sergeants in the summer of 2016. Most of our facilities are connected to our Headquarters via a city owned fiber connection. Our connection to the internet is based in this Headquarters facility. We have recently purchased a cloud based storage solution for the generated video and we will need to upload all of this video at the end of each shift.

West Sector Roll Call is our only major Police facility not connected by fiber; it is currently connected with a cable modem. Our primary internet connection is based at Headquarters and the other facilities connect to it via fiber. Our network relies on these fiber connections for email, file access, records management, and access to the internet. West Sector houses over 150 employees and the current connection is not adequate to support several upcoming projects which will require significant bandwidth.

BOI 3140-505506-5561-96206

2. 3D Scanner - \$16,610

Purchase of a handheld scanner to supplement our existing 3D Scanner Project from last year JAG Funds. Lexington Police recently purchased a 3D Scanner for documentation of crime scenes. The system provides holistic crime scene documentation via the creation of 3D video and images. Some limitation exists with the system, specifically the ability to scan hard-to-reach spaces such as inside and under vehicles. These areas are frequent areas of investigation both in criminal death scene investigations and in criminal vehicle collision investigations.

3140-505506-5561-75801

3. Cellbrite Physical Analyzer - \$2,500

Computer forensics personnel are responsible for recovering digital evidence from a multitude of media devices such as computers, hard drives, and cellular phones. The advancement of capabilities and portability in current smart-phones has resulted in a tremendous increase in the need to process this type of equipment during investigations. Lexington Police will purchase additional hardware which allows all three detectives assigned to the unit to process data recovered from cell phones simultaneously. This decreases backlogs and get the information into the hands of the investigators in a timely manner. This timeliness often makes the difference in solvability of improved prosecution success.

3140-505506-5561-75801

4. Pelican Portable Lighting – 2 @ 1000 = \$2,000

The Lexington Police Forensics Services Unit will utilize portable, battery powered scene lighting to illuminate crime scenes when searching for and documenting evidence. Poor lighting hampers the investigators ability to locate the evidence and to document the scene with photos and video for later presentation in court. Battery

powered scene light reduces the footprint of new items introduced into a crime scene by eliminating the need for power cords.

3140-505506-5561-96706

5. Meth Lab Breathing Apparatus –including SCBA/PAPR and VPU 4 @ \$7,758.98 = \$31,035.92

The Lexington Police detectives are responsible for investigating drug crimes including those involving clandestine drug labs. When investigating these clandestine drug labs, detectives are required to spend significant periods of time inside these labs as well as disposing the waste products from the labs. It is necessary that all Clan Lab Team members have the equipment necessary to safely investigate and dispose of these clan labs. OSHA and team training standards from NES require team members utilize SCBA (Self Contained Breathing Apparatus) and APR (Air Purifying Respirator) because the air quality is unknown and the oxygen level is typically displaced within clan labs. The SCBAs currently in service are older, heavy and cumbersome so Lexington Police would like to replace these old SCBA's for new ones that include a PAPR (Powered Air Purifying Respirator which would eliminate the need for team members to exit the lab and don an APR because this system is equipped with a button which modifies that system from SCBA to PAPR. Lexington Police will also purchase VPU (Voice Protection Unit) with microphones for detective's radios for communication while inside a clan lab per NES standards.

BOSO – 3140-505505-5529-74102

6. DARE Training - \$6,600

The Lexington Police Department is committed to providing educational opportunities for the youth of our community in the area of violence and drug abuse prevention. Lexington Police has reintroduced the D.A.R.E. (Drug Abuse Resistance Education) program in elementary schools in our community. D.A.R.E. is taught by Police Officers on a part-time basis and Lexington Police wants to increase the number of officers trained in DARE in order to increase the number of schools where the program is taught. The training costs include registration, lodging and class supplies.

3140-505505-5528-96468

7. Phone System for the Lexington Police Crisis Negotiation Unit and Emergency Response Unit. \$31,072

The Lexington Division of Police Crisis Negotiation team within the Emergency Response Unit is in need of a modern, up-to-date, Crisis Negotiation Phone system. The current equipment used by Crisis Negotiation Team is old and outdated. The Sniper Video System, the Quad and the Up Front Unit Crisis Response System components will benefit and add value when the Crisis Negotiation Team responds to Hostage/Barricade situations, Suicide situations and other crisis related situations. The equipment will enhance the Emergency Response Unit operations by increasing situational awareness and developing a common operational picture.

The Sniper Video System comes with a command unit, throw phone and cable spool. The system is equipped with I/R technology video capable of illuminating light in a dark room. The throw phone is housed with 6 cameras. \$19,995.

The QUAD is a fully enclosed landline, throw phone, cellular, line capture device that has Bluetooth capabilities. This piece of equipment contains the negotiators headset, an internal rechargeable battery, a third party intermediary message input capability and is a modular system that allows for video updates using plug and play technology. \$6,495.00

The UP FRONT UNIT features a module with its own independent view and control of the cameras. This unit minimizes the need for radio contact between entry team and command personnel. It contains a video monitor, dual ear monitor headphones and accessories such as cable. \$4,495

3140-505505-5542-96706

8. Hazardous Devices Unit – SCBA (Self Contained Breathing Apparatus) -4 @ \$1,300 ea. = \$5,200.

The Lexington Police Department Hazardous Devices Unit is responsible for explosive mitigation. As a part of that mission, respiratory protection is sometimes needed due to the many hazardous chemical encountered. In 2014, the HDU transitioned to a new SCBA system which enabled better service capabilities, communication adaptability, and improved functionality in filtered or supplied air modes. The cylinders allow the personnel to continue operations while expended cylinders are being recharged. Personnel within local government are trained and equipped to conduct required annual service on the equipment.

3140-505505-5542-95601

9. Hazardous Devices Unit-Radio Headset-6 \* \$550 = \$3,300

HDU members rely on high quality radio communications when performing explosive mitigation operations, and while supporting the tactical team with robot operations. In addition to clear communications, these operations often require hearing protection from noise associated with explosive render safe tools. The headsets are compatible with LPD radios and with the systems currently in use by both the tactical team and bomb squad, negating the need to replace additional hardware.