

RESOLUTION NO.

A RESOLUTION AUTHORIZING THE SUBMISSION OF A GRANT APPLICATION TO THE WYOMING OFFICE OF HOMELAND SECURITY FOR THE FFY 2020 STATE HOMELAND SECURITY GRANT PROGRAM (SHSP), ON BEHALF OF THE GOVERNING BODY OF LARAMIE COUNTY, WYOMING TO REQUEST FUNDING FOR THE SHERIFF'S DEPARTMENT FOR FORENSIC OPERATIONS AND SCENE SECURITY IN THE AMOUNT OF \$91,000.

FOR THE PURPOSE OF: REQUESTED FUNDS WILL BE USED TO PURCHASE A DRONE WITH ACCESSORIES (CAMERA, THERMAL IMAGING, CONTROLS, DISPLAY, MULTIPLE BATTERIES, CARRYING CASE, NIGHT OPERATIONS KIT AND A PAYLOAD DROP SYSTEM) AND A 4PC PRO SERIES MOBILE DEVICE ANALYZER. FUNDS WILL ALSO SUPPORT TRAINING AND CERTIFICATION FOR UP TO THREE USERS ON BOTH APPLICATIONS.

WITNESSETH

WHEREAS, the Wyoming Office of Homeland Security receives FFY 2020 SHSP funds from the Federal Emergency Management Agency and;

WHEREAS, the Wyoming Office of Homeland Security distributes a portion of these FFY 2020 SHSP funds to Wyoming Counties and;

WHEREAS, the Laramie County Board of Commissioners is eligible to apply for and receive FFY 2020 SHSP funds for the Sheriff's Department and;

WHEREAS, the Governing Body of Laramie County desires to participate in the Wyoming Office of Homeland Security Grant Program (SHSP) by sponsoring this grant application to assist in financing the Sheriff's Department; and

WHEREAS, the Governing Body of Laramie County has been provided with preliminary cost estimates and information on this project; and

NOW, THEREFORE, BE IT RESOLVED BY THE GOVERNING BODY OF LARAMIE COUNTY that a grant application in the amount of \$91,000 be submitted to the Wyoming Office of Homeland Security for consideration of assistance in funding the Laramie County Sheriff's Department under the FFY 2020 SHSP grant program.

BE IT FURTHER RESOLVED, that Sandra Newland, or her successor in the position of Laramie County Grants Manager, is appointed as agent of the Laramie County Board of Commissioners to execute and submit applications and certifications for these funds and to receive funds and implement the programs funded under this grant.

PASSED, APPROVED AND ADOPTED THIS 17th DAY OF MARCH 2020.

By: _____

Gunnar Malm, Chairman

Date: _____

ATTEST:

Debra Lee, Laramie County Clerk

Date: _____

Received and Approved as to Form only By:

Mark Voss, County Attorney

Date: 3/16/20

**FFY2020 State Homeland Security Program
Grant Application**

Agency Name*: Laramie County Sheriff's Department

Project Title*: Forensic Operations and Scene Security

Dollar Amount Requested*: \$91,000.00

FFY2020 State Homeland Security Program Grant Application

Applicant Information

Agency Name*: Laramie County Sheriff's Department

Type of Jurisdiction*: Law Enforcement

If other, please describe: [Click here to enter text.](#)

Legal Jurisdiction Name (if different): [Click here to enter text.](#)

Mailing Address*: 1910 Pioneer Avenue
Cheyenne, WY 82001

DUNS Number*: 197732709

*If your agency does not have a DUNS number, one can be obtained here: <http://fedgov.dnb.com/webform>

Agency Point of Contact (to contact in regards to this application) *: Undersheriff Rich Hillegas

Telephone Number: 307-633-4712

Email Address: rhillegas@laramiecounty.com

Alternate Agency Point of Contact (to contact in regards to this application): Sandra Newland

Telephone Number: 307-633-4201

Email Address: snewland@laramiecounty.com

Will you accept partial funding?

☒ Yes

☐ No

Please explain: Our request is for two projects under the realm of evidence collection and scene security. If we were partially funded, we would still try to move forward with our plans on a smaller scale or only purchase one of the requested items.

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Project Description

Project Justification: Community Resilience

Briefly describe the project and how it supports the investment justification.

The Laramie County Sheriff's Department is requesting funding for a two-part application that focuses on scene security and evidence collection. We are requesting funding to purchase a forensic cell phone/mobile device analyzer and a drone. This project falls under the Community Resilience section, as it provides operational support to the department. The Laramie County Sheriff's Department is requesting funding to create a drone program to serve and protect the citizens of Laramie County, Cheyenne and the surrounding areas. Our agency plans to use this equipment and training to improve officer safety, collect evidence and information and provide an effective means to address public safety issues. Drones have become an integral and effective tool for public safety agencies. Case studies have proven that the use of this technology has had a great impact on the successful resolution of a variety of incidents when deployed by first responders. Currently, this region has limited access to drone technology for public safety purposes.

With this proposal, we are also requesting funds to procure forensic software, equipment and training, which will allow the Sheriff's Department to conduct investigative operations that involve the downloading and recovery of critical evidence contained in cell phones and other mobile devices. Modern day investigations rely heavily upon law enforcement's ability to obtain all available evidence that is present in a variety of ways. Evidence in digital/electronic form is especially valuable in a variety of investigations, ranging from minor property crimes to major crimes against persons or communities. This lawfully obtained information provides investigators with location, communication or photographic evidence to name a few, which are contained within mobile devices and on social media accounts.

Within the 2019 Laramie County THIRA, our department can contribute to addressing the core capabilities of forensics & attribution, intelligence & information sharing, physical protective measures and situational assessment through the purchase and implementation of the drone and forensic cell phone/mobile device analyzer. The county ranked operational coordination as a priority and this includes having the capability and capacity to coordinate with all agencies on scene. On scene security and protection for both citizens and law enforcement is critical to the success and efficiencies of an operation.

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Describe threats and hazards that create the need.

There are a wide spectrum of hazards and events that our request could be utilized for including manmade situations, CBRNE events, terrorist events and natural disasters. In each of these cases both, the drone and cell phone analyzer could be used to provide accurate scene identification without endangering officers or other first responders. The drone in particular would create a realistic situational assessment. The forensic mobile device analyzer would provide local law enforcement officers with immediate access to equipment to conduct forensics and information sharing with all local and regional partners.

Currently, the Laramie County Sheriff's Department relies on the state investigation agency to perform cell phone or mobile device forensics. We are not the only agency in the community that uses this resource, which places a burden on the state program. Leads are often delayed and evidence is sometimes lost due to the amount of time it takes to obtain this information from a single source. For the drone, the department will use the drone technology to give officers real-time, actionable intel to use while assessing the threat and formulating a strategy for their approach. It can be used to document crime scenes by providing overhead photographs and video evidence collection. Without proper equipment our department is unable to provide on scene security or operational coordination to the standards expected.

Explain this project's dual applicability to all-hazard events (manmade and natural hazards):

Both the mobile device analyzer and the drone can be used on all scenes. The cause of the threat/scene is not a prohibiting factor for the equipment to be utilized. This equipment can also be a deployable asset that can be requested and used throughout the state if needed.

Identify portions of the THIRA and SPR that the project will address.

Our request of a mobile device analyzer and drone addresses the Laramie County THIRA with examination of the operational coordination, situational assessment and on scene security, protection & law enforcement needed. The THIRA confirmed our known gaps in operational coordination, as technology is continually evolving. The requested equipment would facilitate a quicker response on scene for superior mutual aid and response efforts. This equipment will also address several core capabilities to include forensics & attribution, intelligence & information sharing, physical

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protective measures and situational assessment. Our request will help ensure a safe and secure environment to protect operations. It will provide decision makers with relevant information regarding the nature and extent of the hazards and maintain a unified operational structure for response.

How will this project increase capability or reduce vulnerabilities in protecting, preventing, responding, or recovering from an act of terrorism?

The proposed project will increase our department's safety and capacity to coordinate with other officers and agencies both off and on scene. The new drone equipment will increase capabilities across the board and will reduce officer vulnerabilities. The mobile device analyzer will assist in forensic and information sharing to reduce vulnerabilities. This equipment will facilitate proper protection, prevention, and response to all scenes to include acts of terrorism. The equipment will be especially helpful in suspected terrorist events to be used for scene size up before sending in first responders.

Provide justification on how the project will be maintained, supported, and sustained.

The Laramie County Sheriff's Department will assume all responsibility for the maintenance of the equipment to keep it operational and ready for use internally and externally by MOU partners. The requested equipment will be sustained by Laramie County for future operations. Our request would assist the Laramie County Sheriff's Department and the state in operational coordination and situational assessment.

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Core Capabilities

Core Capability:

The Core Capabilities are outlined in the National Preparedness Goal which can be found at: <http://www.fema.gov/pdf/prepared/npg.pdf>. Additional information regarding the Core Capabilities can be found by going to <http://www.fema.gov/core-capabilities>. The Crosswalk of Target Capabilities can be located at <http://www.fema.gov/pdf/prepared/crosswalk.pdf>

Primary: **Situational Assessment**

Secondary: **On-Scene Security, Protection, and Law Enforcement**

Tertiary/Third: **Operational Coordination**

Describe existing capability levels.

The Laramie County Sheriff's Department currently uses state resources to address the needs described above. Often times our request is put in a queue and we are not able to meet our department or community threats within a reasonable period. This is especially true when events are affecting more than one area in the State of Wyoming. For drone capabilities, the region has limited access to drone technology for public safety purposes.

Please provide an overview of the trainings, exercises, real events, or other needs assessments that have identified this as a gap (included the cause of the gap).

The Laramie County Sheriff's Department participates in all area trainings and exercises. We have been highly involved in all planning and training efforts coordinated by our EMA Office. We participate in all area exercises, trainings, tabletops and planning efforts with LCCC, the refinery, CFD and the state. When we participated in the 2019 THIRA, not having adequate on scene security and forensic attribution capabilities was identified as a concern.

How will this project reduce capability gaps?

The Laramie County Sheriff's Department will use the drone equipment and training in a variety of public safety functions. It will be used during critical incidents to locate and identify suspects who are believed to be "armed and dangerous" while personnel can maintain a safe distance. Drone technology can be used to locate and identify additional evidence that cannot otherwise be seen, due to its location. The thermal technology capabilities of a drone can be used to locate actively fleeing or resisting suspects, or can be used to assist fire agencies who need to determine "hot spots" on a fire scene or when arson investigators are attempting to

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determine origin and cause. The drone's payload drop capabilities can be used to deliver a cell phone to a barricaded subject during crisis negotiation operations. A drone's ability to give real-time video depictions of areas not accessible to first responders will improve safety, with the ability to scout an area that cannot yet be accessed due to a variety of hazardous conditions. There are many other realistic uses for drone technology in the public safety realm to include crowd monitoring, search and rescue and accident reconstruction to name a few. The Laramie County Sheriff's Department will find uses for this technology that will only be limited to our imagination or legal restrictions. We will cooperate with other local and regional agencies, and will provide access to the technology and agency pilots when covered by a Memorandum of Understanding.

For the mobile device analyzer it is a time critical element of evidence recovery, but analyzing large volumes of disparate data is difficult and time consuming, putting investigations at risk. The number of cases our department investigates, which require this form of evidence collection, combined with frequent requests from the District Attorney's Office has made it necessary for our department to obtain the proper training and equipment to collect digital evidence more efficiently and expeditiously. The Laramie County Sheriff's Department will use this training and equipment to collect digital evidence that will generate leads and identify suspects by analyzing text, media, timelines, map information, and filter digital information to focus on the most meaningful evidence from mobile and online sources. Requests from the District Attorney's Office will also be handled in house, providing them with critical information for purposes of discovery and prosecution from a single source. Having this resource on hand will also improve our departments response to critical incidents and when working towards preventing attacks on an individual or the community.

If funded, this equipment will support our law enforcement efforts within the community and provide extended coverage and access to all first responders.

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Basic Project Information

Primary Mission Area*: **Response**

Additional information regarding these Mission Areas can be found at: <http://www.fema.gov/mission-areas>

Does this investment focus on building new capabilities or sustaining existing?

- ☒ Build
☐ Sustain

Is any part of this proposed project a deployable asset? *(Identifies the availability and the utility of an asset to multiple jurisdictions, regions, and the Nation; provides information on mobility of assets in an area. An asset that is physically mobile and can be used anywhere in the United States and territories via Emergency Management Assistance Compacts (EMAC) or other mutual aid/assistance agreements)*

- ☒ Yes
☐ No

Please explain:

Yes, this equipment can be used as deployable asset.

Is any part of this proposed project a shareable asset? *(Identifies the asset's ability to augment and sustain a reinforced response within a region. An asset that can be utilized as a local, state, regional, or national capability, but is not physically deployable (i.e., fusion centers)*

- ☒ Yes
☐ No

Please explain:

This equipment can be used for multi-jurisdictional response, but is physically deployable.

Does this project support a NIMS typed resource?

- ☐ Yes
☒ No

Please explain:

No, the equipment is not specifically NIMS typed.

Has this project been identified as a local priority through trainings, exercises, real world events, or other needs assessments?

- ☒ Yes
☐ No

Please explain:

Section 05 Cyber Security Enhancement Equipment

(05AU) Authentication Devices

(05AU-00) ...

05AU-00-BIOM Device, Biometric User Authentication

Description: Devices that utilize biometric characteristics (fingerprints, palm prints, retinal scanning, etc.) to authorize access to facilities and/or systems.

Applicable Grant Programs: BZPP, EMPG, EOC, IBSGP, IBSGP, LETPA-SHSP, LETPA-UASI, MMRS, OPSG, PSGP, PSIC, SHSP, THSGP, UASI

Grant Notes:

Applicable TCL Numbers: 2, 5, 6, 7, 8, 10

Certain products in this category have been identified as requiring an Environmental and Historic Preservation (EHP) review. This does not apply to mobile and portable equipment, however all other items must be submitted for review. Please contact your assigned GPD Program Analyst or the Centralized Scheduling and Information Desk (CSID) at 1-800-368-6498 for further information.

05AU-00-TOKN System, Remote Authentication

Description: System used to provide enhanced remote authentication, usually consisting of a server, some synchronization scheme, and a device or token.

Applicable Grant Programs: BZPP, EMPG, EOC, IBSGP, IBSGP, LETPA-SHSP, LETPA-UASI, MMRS, OPSG, PSGP, PSIC, SHSP, THSGP, UASI

Grant Notes:

Applicable TCL Numbers: 2, 5, 7, 8, 10, 28

(05EN) Encryption

(05EN-00) ...

05EN-00-ECRP Software, Encryption

Description: Encryption software for protecting stored data files or email messages.

Applicable Grant Programs: BZPP, EMPG, EOC, IBSGP, IBSGP, LETPA-SHSP, LETPA-UASI, MMRS, OPSG, PSGP, PSIC, SHSP, THSGP, UASI

Grant Notes:

Applicable TCL Numbers: 2, 5, 6, 7, 8, 9, 10, 22, 24, 30, 32

05EN-00-ETRN Encryption, Data Transmission

Description: A class of network access solutions, usually for remote access, that provide encrypted user access. May be used for remote access, point to point, or link encryption. Includes virtual private networks, and encrypted transmission modes such as SSH and SSL.

Applicable Grant Programs: BZPP, EMPG, EOC, IBSGP, IBSGP, LETPA-SHSP, LETPA-UASI, MMRS, OPSG, PSGP, PSIC, SHSP, THSGP, UASI

Grant Notes:

Applicable TCL Numbers: 2, 5, 6, 7, 8, 9, 10, 22, 24, 30, 32

(05HS) Host Level Security

(05HS-00) ...

05HS-00-FRNS Software, Forensic

Interactive versions of this list, including an integrated AEL/SEL display are available on-line at www.rkb.us.

Description: Application suites that allow in-depth analysis of hosts based on operating system and file systems. Software of this type may be used by law enforcement officers, government/corporate investigators and consultants to investigate the aftermath of computer-related crimes. Forensics software generally includes disk analysis tools, tools for the recovery of deleted files, and integrated database support to mark files and data of interest to investigators.

Applicable Grant Programs: BZPP, EMPG, EOC, IBSGP, IBSGP, LETPA-SHSP, LETPA-UASI, MMRS, OPSG, PSGP, PSIC, SHSP, THSGP, UASI

Grant Notes:

Applicable TCL Numbers: 1, 2, 5, 6, 7, 8, 9, 10, 14, 15, 22, 23, 24, 27, 28, 30, 32

05HS-00-MALW Software, Malware Protection

Description: Software for protection against viruses, spyware, and malicious code. May be obtained for individual hosts or for entire network segments.

Applicable Grant Programs: BZPP, EMPG, EOC, IBSGP, IBSGP, LETPA-SHSP, LETPA-UASI, MMRS, OPSG, PSGP, PSIC, SHSP, THSGP, UASI

Grant Notes:

Applicable TCL Numbers: 1, 2, 5, 6, 7, 8, 9, 10, 14, 15, 22, 23, 24, 27, 28, 30, 32

05HS-00-PFWL System, Personal Firewall

Description: Personal firewall for operation on individual workstations. Usually a software solution, but appliances are also available. See also: 05NP-00-FWAL.

Applicable Grant Programs: BZPP, DLSPG, EMPG, EOC, IBSGP, IBSGP, LETPA-SHSP, LETPA-UASI, MMRS, OPSG, PSGP, PSIC, SHSP, THSGP, UASI

Grant Notes:

Applicable TCL Numbers: 1, 2, 5, 6, 7, 8, 9, 10, 14, 15, 22, 23, 24, 27, 28, 30, 32

(05NP) Network Level Security

(05NP-00) ...

05NP-00-FWAL Firewall, Network

Description: Firewall (software or standalone appliance) for use in protecting networks. See also 05HS-00-PFWL.

Applicable Grant Programs: BZPP, DLSPG, EMPG, EOC, IBSGP, IBSGP, LETPA-SHSP, LETPA-UASI, MMRS, OPSG, PSGP, PSIC, SHSP, THSGP, UASI

Grant Notes:

Applicable TCL Numbers: 2, 5, 6, 7, 8, 9, 10, 14, 15, 19, 22, 23, 24, 28, 30, 32

05NP-00-IDPS System, Intrusion Detection/Prevention

Description: Intrusion Detection and/or Prevention System (IDS, IPS) deployed at either host or network level to detect and/or prevent unauthorized or aberrant behavior on the network. Software and hardware (appliance) solutions exist. This replaces item 05NP-00-IDP and incorporates more recent prevention technology.

Applicable Grant Programs: BZPP, DLSPG, EMPG, EOC, IBSGP, IBSGP, LETPA-SHSP, LETPA-UASI, MMRS, OPSG, PSGP, PSIC, SHSP, THSGP, UASI

Grant Notes:

Applicable TCL Numbers: 2, 5, 6, 7, 8, 9, 10, 14, 15, 16, 22, 24, 28, 30, 32

05NP-00-SCAN Tools, Network Vulnerability Scanning

Description: Port scanners and other tools designed to identify security vulnerabilities on networks or individual hosts on target networks.

Applicable Grant Programs: BZPP, DLSPG, EMPG, EOC, IBSGP, IBSGP, LETPA-SHSP, LETPA-UASI, MMRS, OPSG, PSGP, PSIC, SHSP, THSGP, UASI

Grant Notes:

Applicable TCL Numbers: 2, 5, 6, 7, 8, 9, 10, 15, 22, 24, 28, 30, 32

Interactive versions of this list, including an integrated AEL/SEL display are available on-line at www.rkb.us.

Applicable TCL Numbers: 2, 3, 8, 9, 12, 14, 22, 23, 24, 26, 27

Section 13 Terrorism Incident Prevention Equipment

(13IT) Information Technology

(13IT-00) ...

13IT-00-ALRT System, Alert/Notification

Description:

Alert and notification equipment that allows for real-time dissemination of information and intelligence among responders via equipment such as cellular phones, pagers, text messaging, etc.

Applicable Grant Programs:

Amtrak, BZPP, IBSGP, IBSGP, LETPA-SHSP, LETPA-UASI, OPSG, PSGP, PSIC, SHSP, THSGP, TSGP, UASI

Grant Notes:

Fees related to telecommunications services to support the system are the responsibility of the jurisdiction and are not allowable under this item.

When utilizing FEMA program funds to build, upgrade, enhance, or replace communications and information systems, grantees and sub-grantees should develop a comprehensive interoperable communications plan before procurement decisions are made.

Applicable TCL Numbers:

2, 4, 5, 8, 10, 11, 14, 18, 19, 23, 24, 25, 27, 28, 30, 36

13IT-00-DACQ Data Acquisition

Description:

Software for data collection and information / intelligence gathering, including data mining and search tools that support inferential analysis, including trend analysis.

Applicable Grant Programs:

Amtrak, BZPP, IBSGP, IBSGP, LETPA-SHSP, LETPA-UASI, OPSG, PSGP, SHSP, THSGP, TSGP, UASI

Grant Notes:

Applicable TCL Numbers:

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17, 18, 22, 23, 24, 27, 35

13IT-00-DEXC Data Exchange and Interoperability

Description:

System or software designed to facilitate the exchange and interoperability of data on extramural or legacy systems such as databases, dispatch systems, records management systems, and other systems containing data useful in terrorism incident prevention.

Applicable Grant Programs:

Amtrak, IBSGP, IBSGP, LETPA-SHSP, LETPA-UASI, OPSG, PSGP, SHSP, THSGP, TSGP, UASI

Grant Notes:

Applicable TCL Numbers:

1, 3, 4, 5, 6, 7, 8, 10, 12, 14, 15, 16, 19, 23, 24, 27, 29, 35, 36, 37

13IT-00-DFSN Data Fusion/Synthesis

Description:

Software, system or suite for accepting disparate inputs and producing organized information. May use multiple sensor inputs to develop a situational picture, and/or multiple inputs from different intelligence sources to create a correlated set of accessible data.

Applicable Grant Programs:

Amtrak, BZPP, IBSGP, IBSGP, LETPA-SHSP, LETPA-UASI, OPSG, PSGP, SHSP, THSGP, TSGP, UASI

Grant Notes:

Applicable TCL Numbers:

1, 3, 4, 5, 6, 7, 8, 10, 12, 14, 15, 16, 19, 23, 24, 27, 29, 35, 36, 37

13IT-00-FACE Software, Facial Recognition

Description:

Facial recognition software for access control, identification of criminal actors (IFF), etc.

Applicable Grant Programs:

Amtrak, BZPP, IBSGP, IBSGP, LETPA-SHSP, LETPA-UASI, OPSG, PSGP, SHSP, THSGP, TSGP, UASI

Interactive versions of this list, including an integrated AEL/SEL display are available on-line at www.rkb.us.

<i>Applicable TCL Numbers:</i>	8 , 9 , 10 , 19 , 21 , 22 , 23 , 24 , 27
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03SR-03-LSTN	System, Listening
<i>Description:</i>	Seismic and acoustic listening devices and accessories for locating trapped and entombed victims not detectable by other means.
<i>Applicable Grant Programs:</i>	Amtrak , BZPP , LETPA-SHSP , LETPA-UASI , MMRS , OPSG , PSGP , SHSP , THSGP , TSGP , UASI
<i>Grant Notes:</i>	For use by specialty teams such as Search and Rescue or Urban Search and Rescue Teams.
<i>Applicable TCL Numbers:</i>	8 , 9 , 22 , 23 , 24 , 27
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03SR-03-SCAM	Camera, Search
<i>Description:</i>	Void area video search camera and accessories for inspecting voids and confined spaces with limited physical access.
<i>Applicable Grant Programs:</i>	Amtrak , BZPP , LETPA-SHSP , LETPA-UASI , MMRS , OPSG , PSGP , SHSP , THSGP , TSGP , UASI
<i>Grant Notes:</i>	For use by specialty teams such as Search and Rescue or Urban Search and Rescue Teams.
<i>Applicable TCL Numbers:</i>	8 , 9 , 22 , 23 , 24 , 27 , 35
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03SR-03-TPBM	Tape, Boundary Marking
<i>Description:</i>	Boundary marking tape: YELLOW Caution/RED Danger/ Incident specific (i.e., radiological, biological, chemical).
<i>Applicable Grant Programs:</i>	Amtrak , CCP , LETPA-SHSP , LETPA-UASI , MMRS , OPSG , PSGP , SHSP , THSGP , TSGP , UASI
<i>Grant Notes:</i>	
<i>Applicable TCL Numbers:</i>	4 , 8 , 9 , 11 , 12 , 14 , 15 , 16 , 18 , 19 , 20 , 21 , 22 , 23 , 24 , 26 , 27 , 28 , 29 , 30 , 33 , 34 , 35 , 36 , 37
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(03SR-04) Canines	
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03SR-04-DOGS	Canines, Search & Rescue
<i>Description:</i>	Search & rescue canines, related CBRNE training, protective equipment/garments, and handling accessories.
<i>Applicable Grant Programs:</i>	Amtrak , LETPA-SHSP , LETPA-UASI , MMRS , OPSG , PSGP , SHSP , THSGP , TSGP , UASI
<i>Grant Notes:</i>	
<i>Applicable TCL Numbers:</i>	8 , 9 , 19 , 22 , 23 , 24 , 27
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(03SR-05) Robotic Equipment	
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03SR-05-RBTL	Attachments/Tools, Search & Rescue Robot or Remotely Piloted Vehicle
<i>Description:</i>	Attachments/tools for specialized search & rescue capability such as mountable cameras (including infrared), remote manipulators, listening devices, etc. Includes repeater devices for extended remote operations.
<i>Applicable Grant Programs:</i>	Amtrak , BZPP , LETPA-SHSP , LETPA-UASI , MMRS , OPSG , PSGP , SHSP , THSGP , TSGP , UASI
<i>Grant Notes:</i>	For use only by specialty teams such as Search and Rescue or Urban Search and Rescue Teams.
<i>Applicable TCL Numbers:</i>	8 , 9 , 19 , 22 , 23 , 24 , 27
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(03WA) Water Operational & Search/Rescue Equipment	
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(03WA-01) Water Operational Equipment	
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03WA-01-ALRT	Device, Alerting, Water Operations
<i>Description:</i>	Plastic, non-corrosive, pealess whistles.
<i>Applicable Grant Programs:</i>	Amtrak , CCP , LETPA-SHSP , LETPA-UASI , MMRS , OPSG , PSGP , SHSP , THSGP , TSGP , UASI
<i>Grant Notes:</i>	For use only by specialty teams such as Dive Teams or Swiftwater/Flood Search and Rescue Teams.

Interactive versions of this list, including an integrated AEL/SEL display are available on-line at www.rkb.us.



LARAMIE COUNTY SHERIFF'S DEPARTMENT
1910 PIONEER AVENUE
CHEYENNE, WYOMING 82001

Danny L. Glick
SHERIFF

March 9, 2020

Wyoming Office of Homeland Security

Reference: Laramie County Sheriff's Dept. SHSP 2020 Application for Forensic Operations and Scene Security.

Communication Maintenance and Sustainment Plan

The Department will inventory and track the assignment of the equipment that is purchased with grant funds. There will be regular annual maintenance performed by technicians either through a maintenance contract or through an extended warranty. We intend to utilize the equipment as long as possible and as long as it is supported by vendors for service and parts. With proper handling and maintenance this equipment will be available for many years as a valuable asset to our department and others.

Critical Infrastructure Protection

The sworn Sheriff's Department staff is part of the critical infrastructure protection for Laramie County. They serve as the security providers for the Detention Center as well as for the courthouse and other county government buildings located at the county government complex in downtown Cheyenne. Typically, they will be the first responders should there be a security response needed in the city or county courtrooms or in the event of a critical incident in the county government complex; and typically they will be responding before law enforcement is called to, or arrives at, the complex.

Training and Exercise Plan

The Laramie County Sheriff's Department is requesting funding under this application for training related to the implementation of new equipment. All training and travel will follow Laramie County Policies and Procedures and certificates will be provided to Homeland Security showing proper certification. We have included costs for up to three users on both equipment requests and this includes all relevant costs pertaining to the training and certification process. The training request was not included in the Laramie County Training and Exercise Plan, but is correlating to the requested equipment specifically and meets the sustainment measurements set forth by Homeland Security.

Respectfully,

Rich Hillegas
Undersheriff

February 21st, 2018

TO WHOM IT MAY CONCERN,

This letter identifies Cellebrite as the sole developer and manufacturer of the Universal Forensic Extraction Device (UFED) Mobile Forensics solution. Cellebrite Inc., established in 1999 and based in Parsippany, NJ, is incorporated in the state of Delaware. Cellebrite Inc. supports customers and users in the US, Canada and Mexico.

The UFED is a mobile forensics extraction, decoding, and analysis tool that extracts logical, file system, and physical data from mobile devices (i.e., smartphones, cell phones, tablets, GPS units, SIM cards, memory cards, and USB devices), including live and deleted data, contacts, phone numbers, call logs, text messages, SMS messages, app data (social network and other), location data, pictures, videos, and voice messages.

UFED technology provides digital forensic lab examiners, investigators, field personnel, and first responders with the capability to collect, protect and act decisively on mobile device data with the speed and accuracy a situation demands. Our competitive advantages include:

- **Large, Established User Community.** Since 2007, Cellebrite has deployed more than 40,000 UFEDs in 100+ countries to support law enforcement, intelligence services, border patrols, military forces, public safety agencies and commercial organizations.
- **Industry's Broadest Device & App Support.** Cellebrite has established collaborative business relationships with original equipment manufacturers (OEMs) and wireless carriers worldwide. These global partners send us more than 100 new handsets per month - most prior to actual consumer market release. This allows Cellebrite Mobile Forensics to develop mobile forensics support for new devices prior to our competition. We retain more than 8,000 mobile phones at our company headquarters for ongoing innovation and support.
- **Forensically Sound Evidence Every Time.** Unlike competitors' "black box" third-party boot loaders, UFED uses custom-designed, read-only boot loaders, which ensure forensically sound file system and physical extractions.
- **Technology and Research and Development (R&D) Leadership.** Cellebrite provides the mobile forensic industry's most comprehensive Android, Apple iOS, Blackberry, and Windows Mobile support. Cellebrite has a staff of 250+ engineers—the most of any mobile forensics solution provider. We are committed to investing in the ongoing R&D to innovate around customer and market needs.
- **Best-in Class Training Ensures a Repeatable, Reproducible Mobile Forensics Process.** Open to all user levels, from beginners to advanced, Cellebrite certification training provides hands-on experience with Cellebrite products and applications, delivering the tools and knowledge required for evidence collection data analysis, searching, and reporting.
- **Physical Extraction Using Bootloader Method with Lock Bypass.** Cellebrite supports physical extraction while bypassing passwords, passcodes, and pattern locks from more than 4,500 different device types, including Android (900+ devices from HTC, Huawei, LG, Motorola, and Samsung); Apple iOS; and Windows Phone (Nokia and Lumia).

UFED technology includes capabilities that are exclusive to Cellebrite and not available from any other company.

Exclusive Android Capabilities

- Decrypted physical extraction of data from Samsung Galaxy S6, Galaxy Note 5 and some Galaxy S7 devices
- Decrypting EDL - Lock-bypassing decrypted physical extraction capability for 41 Qualcomm Android devices, including Huawei H1611, Xiaomi Mi 5, ZTE 2832 Sonata 3 and ZTE 2981 ZMax Pro.
- Widely supported chipsets: 8909, 8916, 8939, 8952 and 8936
- Physical extraction and unlocking capabilities for Samsung devices! Extended support to more than 100 Exynos and

Cellebrite Inc., 7 Campus Drive, Suite 210, Parsippany, NJ 07054
Tel: (201) 848-8552 • Fax: (201) 848-9982 • www.cellebrite.com

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Qualcomm devices including: Galaxy S7 Edge, S7, S6 Edge, S6 Edge+, Note 5, A5 and J7 families.

- Partial file system extraction while bypassing screen lock for 105 Android Samsung devices, including devices running on Android 6 OS
- Physical extraction while bypassing screen lock for 12 Samsung Galaxy S6, S6 Edge and Note 5, running on Android 6 OS
- Bootloader-based physical bypass extraction support for 48 of the toughest locked Qualcomm-based Android devices, and 33 Android devices using ADB method. This unique unlocking method supports devices based on the MSM8909, MSM8916, MSM8936, MSM8939, and MSM8952 chipsets from EDL (Emergency Download) mode. Supported Android devices include: HTC Desire: 510/620/826, Alcatel One Touch Pixi, Vivo X5/X7, Motorola XT1526 and XT1543.
- Fastest Physical Advanced ADB extractions for tested and approved 214 Android devices, including Samsung Galaxy S7, Samsung Galaxy S7 Edge, Samsung Galaxy Note 5, Samsung Galaxy S6, Samsung Galaxy Note 4, LG G4, LG G5, LG Nexus 5X, LG V20, Sony Xperia Z5, Xiaomi Redmi 3S, Huawei Nexus 6P, HTC Desire 825 and more. This capability is supported on THOUSANDS of Android devices,
- Physical extraction capability using bootloader method with lock bypass for Samsung Android devices, including Galaxy Note 4, Note Edge, S3, S4, and S5
- Lock Screen Removal (Disable User Lock) for 71 high/mid-tier Samsung Android devices. Supported devices include SM-G935T Galaxy S7 Edge, SM-J710FN Galaxy J7, SM-A700YD Galaxy A7 Duos and SM-A500W Galaxy A5
- New disable user lock capabilities have been added to 65 supported LG devices, including prepaid devices: L52VL Treasure, L15G Sunrise, LGL22C Power and LGL41C Ultimate 2
- Physical and file system ADB extractions for 51 Samsung Android devices, including SM-G935FD Galaxy S7 Edge, SM-G920T Galaxy S6 and SM-G930F Galaxy S7
- Built-in Android temporary root (granting extra permissions) for hundreds of Android devices
- Physical extraction while bypassing user lock on 140 LG devices, including the G3 and G4
- Bypass user screen lock for 137 Samsung devices, including the Galaxy S5, Tab and Galaxy Note 2, 3, and 4
- Bypass user screen lock for 17 LG devices, including the G5, new disable user lock capability for 135 LG devices including LG F700L G5, H872 G6 and US996 V20 devices.
- Physical extraction and decoding from 26 popular Motorola Android devices
- New and unique bootloader-based physical bypass extraction for 8 MTK based devices, including: Alcatel 1042x One Touch, POSH A100 Lynx and Nokia GSM 222 (RM-1136).
- Bootloader-based physical extraction from 17 MTK Android devices
- UFED User Lock Recovery Tool (Android)

Exclusive Apple (iOS) capabilities

- Decrypted physical extraction of data from Apple iPhones 4S, 5, 5c
- Full file system extraction of data from Apple devices (5/5c/6/6 plus)
- iOS unlocking support for Apple devices (4s/5/5c/6/6 plus) running iOS 8.x - 9.x, with no risk of a device wipe
- iOS unlocking support for Apple devices (5/5c/6/6 plus/7/7 plus) running iOS 10.x, with no risk of a device wipe
- UFED User Lock Recovery Tool (iOS)

Exclusive BlackBerry Capabilities

- BlackBerry 10 file system extraction, backup acquisition & decryption
- Physical extraction for unlocked BlackBerry 7xxx/8xxx/9xxx devices (including NAND and NOR memory)

Other Exclusive Capabilities

- Physical extraction with password bypass for Nokia Lumia Windows Phone 8 devices, including the Lumia 520, 820, 822, 920, 928, and 1020
- Physical extraction while bypassing user lock for 3 Nokia 105 devices: RM-1133, RM-1134 and RM-1135
- Physical extraction while bypassing user lock and decoding support for 37 Huawei devices (Hisilicon)
- Physical extraction and decoding support for the latest TomTom devices, including the Go 1000 Point Trading and 4CQ01 Go 2505 Mm

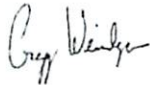
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- Wickr app decryption (Android), TigerText app decryption (iOS)
- Provide support matrix – what is supported using username and password / application token.
- Provide traces and changes document that describe what traces the extraction process might leave.
- Supports extracting a token from the subject device in addition to the user name and password option for several of data sources including; Facebook, WhatsApp, Twitter, Gmail, Google(Location History, My Activity, Photos, Chrome, Calendar, Contacts, Drive, Bookmarks, Tasks), Mail (IMAP), Dropbox, iCloud(App, Calendar, Contacts, Drive, Photos, OneDrive, Notes, Reminder, Location), Instagram, VK, Telegram and more

Please feel free to contact Cellebrite with any questions.

Sincerely,



Gregg Weinberger
Director, Sales Operations

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Aaron Foy

From: Janelle Vega <Janelle.Vega@cellebrite.com>
Sent: Friday, February 08, 2019 1:29 PM
To: Aaron Foy
Subject: Cellebrite Pricing
Attachments: Mimecast Attachment Protection Instructions; Datasheet_UFED-Ultimate_LTR_26jul2017_WEB (7).pdf; DataSheet_AnalyticsDesktop_LTR_26jul2017_WEB.pdf; DataSheet_UFED-Cloud-Analyzer_LTR_02Aug2018_WEB (1).pdf; UFED_CloudAnalyzerSupportedDevices (2).pdf

Mimecast Attachment Protection has deemed this file to be safe, but always exercise caution when opening files.

Hi Aaron,

It was a pleasure speaking with you, as per our phone conversation below is the pricing we discussed. Please let me know if there are any questions or an official quote is needed.

UFED Platforms - <https://www.cellebrite.com/en/platforms/>

UFED 4PC Ultimate (includes Phone Detective, Logical and Physical Analyzer) - \$9,300 includes one year of subscription the following year is \$3700.

Pro Series LX includes: UFED Ultimate Platform- UFED Analytics Desktop

4PC Ultimate LX- \$14,000

After the first year- license renewal fee \$4,700

Pro Series CLX includes: UFED Ultimate Platform- UFED Analytics Desktop and Cloud Analyzer

4PC Ultimate CLX- \$19,000

After the first year- license renewal fee \$6,200

Analytics Desktop Webinar

<https://vimeo.com/222668104>

Analytics Desktop Video:

<https://vimeo.com/224918075>

Public Cloud & Analytics Desktop:

<https://vimeo.com/261082015/6c2b67fcf0>

Certification

<https://www.cellebritelearningcenter.com/mod/page/view.php?id=16724>

CCO & CCPA – Certified Logical and Physical operator

Online Certification \$3290

or

5 Day class \$3850

Up Coming Certifications- <https://www.cellebritelearningcenter.com/local/catalog/index.php>

Regards,

Janelle Vega | Regional Manager, SLED Mountain West

Desk. +1 973 206 7748 | Mobile: 973-960-4247 | e. janelle.vega@cellebrite.com | www.cellebrite.com



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Key benefits

Acquire crucial details with a forensically sound process.

Fulfill requests for cloud-based private data

Gather private user data in accordance with due process from over 40 of the most popular social media and cloud-based sources, including Facebook, Twitter, Gmail, Google Drive, Dropbox, Instagram, V Kontakte, What's App, iCloud and more. Use login credentials provided by the subject, extracted from digital devices, retrieved from personal files or via other discovery means to gain access to time-sensitive evidence.

Capture public domain data for easy review

Easily access, view and incorporate publicly available data into your investigations, such as location information, profiles, images, files and social communications from popular apps, including Facebook, Twitter and Instagram.

Forensically preserve data

Log and trace the entire extraction process to maintain data authenticity. Each piece of extracted data is hashed separately and can be later compared against its origin to ensure forensic soundness and produce admissible evidence.

Enhance and share insights to accelerate investigations.

Track online behavior

Gain insights into the subject's intentions, interests and relationships by analyzing posts, likes, events and connections. View text searches conducted with Chrome and Safari on iOS devices backed-up on iCloud. Extract extensive details from Google web history including private location information from a suspect or victim, so investigators can track time-stamped movements minute by minute.

Visualize data in a unified format

Bring key insights to the surface by normalizing cloud data across different sources in a unified view for easier analysis. Search, filter and examine data across platforms by Timeline, File Thumbnails, Contacts or Maps to quickly uncover common connections and correlate critical evidence.

Collaborate and integrate data

Share critical evidence with the entire investigative team. Easily generate dynamic reports that can be shared and reviewed by other team members, and export data into Cellebrite's Analytics series or other advanced analytical tools for additional insights.

Specifications

PC	Windows compatible PC with Intel i5 or compatible running at 1.9 GHz or higher
Operating System	Windows 7 Service Pack 1, Windows 8, 64-bit or Windows 10, 64-bit
Memory (RAM)	Recommended: 16 GB / Minimum: 8 GB
Space Requirements	1.5 GB of free disk space for installation

Digital intelligence for a safer world

Digital data plays an increasingly important role in investigations and operations of all kinds. Making data accessible, collaborative and actionable is what Cellebrite does best. As the global leader in digital intelligence, and with more than 60,000 licenses deployed in 150 countries, we provide law enforcement, military and intelligence, and enterprise customers with the most complete, industry-proven range of solutions for digital forensics and digital analytics solutions in the field, in the lab and everywhere in

between. By enabling access, sharing and analysis of digital data from mobile devices, social media, cloud, computer and other sources, Cellebrite products, solutions, services and training help customers build the strongest cases quickly, even in the most complex situations. As a result, Cellebrite is the preferred one-stop shop for digital intelligence solutions that make a safer world more possible every day.


To learn more, visit www.cellebrite.com



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v20180802



Data sheet

Solve cases sooner
with cloud-based evidence.

UFED Cloud Analyzer

As people increasingly rely on social media and other cloud-based services to connect with others, store information and share their lives, digital evidence that can be critical to solving a case often exists beyond physical devices. Accessing data from public or private user profiles hosted in cloud-based applications and services needs to be fast and forensically sound to keep investigations moving forward.

Cloud-based sources represent virtual goldmines of potential evidence for investigations. But challenges abound, such as delays from service providers in meeting subpoena demands for private information after a warrant is obtained. Manually scouring public data from social media and other cloud-based apps is a time-consuming process that investigations just can't afford. Not to mention that analyzing such large volumes of disparate data presents a complex, labor-intensive challenge in and of itself. Producing timely, defensible evidence from cloud-based data has the potential to not only speed up investigations, but to crack cases wide open.

Extract, preserve and analyze social media data, instant messaging, file storage and other cloud-based content from public and legally pre-approved private sources with UFED Cloud Analyzer. Teams can immediately access insights without needing to manually comb through data or analyze an abundance of siloed information. Easily search, filter, sort and share data to quickly identify suspects, victims, locations and more.



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Digital intelligence
for a safer world

Key benefits

Recover the most data from the most devices and applications

Unlock devices with ease

Bypass pattern, password or PIN locks and overcome encryption challenges quickly and easily, giving your team access to extract and analyze its contents more quickly

Dive deep and extract more data

Perform forensically sound advanced logical, file system and physical extractions of intact, hidden and deleted data. Our exclusive bootloaders, Advanced ADB and other recovery methods allow access to the widest variety of devices, including smartphones, feature phones, tablets, GPS devices, smart watches and more

Decode comprehensively and quickly

Reassemble device and application data into readable formats with advanced decoding capabilities, such as Python scripting and Hex highlighting. Carve unallocated space in a device's memory to recover deleted data and media. Discover new sources of data and parse through unknown and unsupported databases by applying fuzzy methods and using the SQLite Data Wizard to reveal the greatest amount of evidence

Reveal insights with improved processes

Unify data for more comprehensive review

Automatically consolidate data from varied sources and formats in a unified view. Focus your analysis with data searching, filtering and grouping. Identify, tag and highlight information and images against watch lists, Project VIC and other databases. View maps and timelines to determine the strength of connections between people, places and events. Translate extracted data into one language to simplify your review

Share insights with the broader team

Further investigations by sharing key findings with the investigative team with dynamic, custom reporting that can be tailored to each colleague's specific requirements for analysis

Platforms

- Software only
- 4PC
- Mobile
- Touch2
- Ruggedized Touch2
- Ruggedized Tablet
- Ruggedized Laptop

Specifications	Extraction System Requirements	Decoding System Requirements
PC	Windows compatible PC with Intel i5 or compatible running at 1.9 GHz or higher	Windows compatible PC with Intel i5 or compatible running at 1.9 GHz or higher
Operating System	Microsoft Windows 7 64-bit, 8.x 64-bit and 10 64-bit / Microsoft Windows 7 Boot Camp on Mac	Microsoft Windows 7 64-bit, 8.x 64-bit and 10 64-bit
Memory (RAM)	Recommended: 8 GB / Minimum: 4 GB	16 GB
Space Requirements	1.5 GB of free disk space for installation	1 GB of free disk space for installation

Digital intelligence for a safer world

Digital data plays an increasingly important role in investigations and operations of all kinds. Making data accessible, collaborative and actionable is what Cellebrite does best. As the global leader in digital intelligence with more than 60,000 licenses deployed in 150 countries, we provide law enforcement, military and intelligence, and enterprise customers with the most complete, industry-proven range of solutions for digital forensics, triage and analytics.

By enabling access, sharing and analysis of digital data from mobile devices, social media, cloud, computer and other sources, Cellebrite products, solutions, services and training help customers build the strongest cases quickly, even in the most complex situations. As a result, Cellebrite is the preferred one-stop shop for digital intelligence solutions that make a safer world more possible every day.

Learn more at cellebrite.com



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Data sheet

Extract the most data sooner.
Act on intelligence quicker.
Solve cases faster.

UFED Ultimate

Complicated locks, encryption barriers, deleted and unknown content, and other data recovery obstacles can prevent critical evidence from coming to light. For investigations to get the fullest picture possible, forensic examiners and investigators need to extract forensically sound data thoroughly and quickly, and deliver meaningful insights that help advance the case.

UFED Ultimate is the market-leading solution for accessing digital forensic data, with unsurpassed capabilities to extract and decode the most data from the widest range of devices and applications. Delve deep with comprehensive access to logical, file system and physically extracted data, even hidden and deleted, and discover the critical evidence that can solve the case.

This robust, efficient tool also helps you unify collected data and review it more quickly, and easily share findings with the entire investigative team, even those not using Cellebrite products. We ensure you stay at the leading edge of digital forensic examination capabilities with the latest technology and support across a variety of hardware platforms. UFED Ultimate provides the utmost access to the data you need to build strong, defensible cases.



Cellebrite

Digital intelligence
for a safer world

Discover critical evidence. Solve more crimes in less time.

Analytics Desktop

When a crime occurs, the race is on to generate leads, identify suspects and make arrests. Case outcomes often rely on digital evidence, yet analyzing large volumes of disparate data is difficult and time consuming, putting investigations at risk. Forensic practitioners need fast, powerful analytics tools that can turn raw data into intelligence that investigators can act on.

Designed as a standalone application, Analytics Desktop automates time-intensive analytical tasks to deliver the deepest, most accurate insights possible and shorten investigation cycles. This cost-effective tool adds power and value to your existing forensic tools with purpose-built analytical engines that allow users to quickly correlate, analyze and cross-reference large disparate sets of mobile, computer, cloud and telco data.

Dynamically view data from multiple angles and isolate key details, like objects or faces within images, for easy analysis and reporting to case stakeholders. Investigators benefit from not having to review large, cumbersome PDF reports but instead applying real-time knowledge and context required to work cases faster and keep communities safer. Prosecutors get accurate, defensible intelligence that effectively bolsters their case.



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Key benefits

Reveal critical evidence faster

Text analytics

Natural language processing lets you go beyond regex and watch lists to reveal names, addresses, locations, and more from artifacts like emails, websites, text messages or even images that contain text, using OCR, in multiple languages.

Media analytics

Cutting edge machine learning algorithms immediately detect images and video related to key categories, such as weapons, nudity, faces or suspected child exploitation. Automatic facial recognition software and advanced categorization sorts data based on pre-defined filters. Identify relevant or blacklisted images by comparing digital signatures.

Timeline and map analytics

Extract location-related data from all relevant sources to track a suspect's whereabouts, identify case-related hotspots and detect meetings, geo-routines and routes. Visualize mutual locations, communication flow and patterns across suspects, events or even cases, with timeline or map-based views to identify the critical connections that solve cases.

Eliminate time-intensive manual analysis

Analyze data faster

Simplify complex analytical tasks to build the case more quickly. Automatically unify and correlate data from across disparate sources, such as mobile devices, computer, cloud and telco service providers. Save time and resources by analyzing multiple logical, file system and physical extractions and external sources in various formats in a single view.

Focus on the most meaningful evidence

Eliminate the need to review images one by one with advanced media analytics utilizing unique neural network machine learning processes. Apply your case knowledge using intuitive filters to narrow your focus to the most relevant evidence. Enhance your existing forensics tools with comprehensive case-level analysis capabilities to help you advance the case.

Establish connections quickly

Dynamic visualizations help forensics practitioners and investigators uncover new perspectives and discover common threads based on communications and locations. Analyze links within case-related networks to uncover connections, group hierarchies and communication patterns between parties.

Specifications

Architecture	Recommended: Core i7 CPU / Minimum: Core i5 CPU
Operating System	Windows-based desktop
Performance Requirements	Recommended: 16+ GB RAM / Minimum: 8 GB RAM
Graphics Processing Unit	NVIDIA GPU with 2 GB of memory for image analytics
Uses/Cases	Single
Digital Artifacts	Multiple digital artifact sources (phone extraction, telco data records and UFED Cloud Analyzer extraction data per case)

Digital intelligence for a safer world

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Learn more at cellebrite.com



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**Cellebrite**Digital intelligence
for a safer world

UFED Cloud Analyzer provides access to private user data in accordance with due process from over 40 social media and cloud-based sources to help you acquire critical evidence.

Supported Data sources

1. Facebook
2. Telegram
3. WhatsApp (Google drive)
4. WhatsApp iCloud backup
5. WhatsApp (iCloud)
6. Twitter
7. Gmail
8. Google Location History
9. Google My Activity
10. Google Photos
11. Google Calendar
12. Google Contacts
13. Google Drive
14. Google Bookmarks
15. Google Search history
16. Google Tasks
17. Google Password
18. Google Account
19. Chrome – Autofill
20. OneDrive
21. Instagram
22. VK
23. Yahoo Mail (IMAP)
24. Outlook Mail (IMAP)
25. iCloud App
26. iCloud Location
27. iCloud Calendar
28. iCloud Contacts
29. iCloud Drive
30. iCloud Photos
31. iCloud Notes
32. iCloud Reminder
33. iTunes Purchases
34. Safari Search history (iCloud Backup)
35. Safari bookmark (iCloud Backup)
36. Call logs (iCloud Backup)
37. Viber (iCloud Backup)
38. Dropbox

Google Takeout (via PA)

39. YouTube (Takeout)
40. Google+
41. Google Play
42. Hangouts
43. Profile
44. Keep
45. Google Fit



Matrice 210 - First Responder - Aerial Kit

Prepared by:
Derek Wheeler

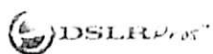
DSLRPros.com
sales@dslrpros.com

Pricing valid for 30 days after date received

Prepared for:
Curtis Burch

Laramie County Sheriff's Office

RFQR ID: KNUUS-WVG8K-RWW9C-DWOP2
Date Created: Feb 21, 2019



www.dslrpros.com | 800-828-8888
10000 W. 10th Ave. Suite 1000 | Denver, CO 80202

Pricing Matrix

Name	Price	QTY	SKU	Subtotal
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DSLRRPros offers competitive pricing and will PRICE MATCH. We offer DISCOUNTS to law enforcement agencies, emergency service organizations, government entities, educational institutions and other qualified organizations (POs are also accepted).



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- Uncooled VOx Microbolometer Thermal Imager
- Stabilized and Controlled by Custom DJI Gimbal
- Compatible with DJI Matrice and Inspire 1 Drones

Matrice 200 - Zenmuse XT Gimbal Adapter (Part No.8)	\$149.00	1	S-DJI-M200-XT-GIM-ADAPT	\$149.00
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- Necessary to use Zenmuse XT with Matrice 200 Series
- Compatible with Matrice 200 Series

Zenmuse Z30	\$2,999.00	1	S-DJI-Z30	\$2,999.00
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- 30x optical zoom
- Digital zoom up to 6x total magnification up to 180x1
- Tap Zoom
- Stabilization Within 0.01"
- Extremely stable even when fully zoomed in
- <https://www.facebook.com/DSLRPros/videos/720402891460783/>

(QTY2) Matrice 200 - TB55 Intelligent Flight Battery	\$738.00	2	S-DJI-M200-TB55-BATT	\$1,476.00
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Pair of higher capacity batteries for the Matrice 200 Series.

Estimated flight time:

- No Payload = 38 min
- X4S Gimbal = 35 Min
- X5S Gimbal = 33 min
- Z30 Gimbal = 32 min
- Z30 + XT Gimbal = 28 min
- Z30 + X5S Gimbal = 26 min

GoProfessional Cases DJI Matrice 200 Case	\$739.00	1	S-GPC-M200-CASE	\$739.00
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Capable of safely storing everything that comes with the Matrice 200 drone and more in the custom cut foam

*** If you require the OEM case, you will need to pay additional shipping fee ***

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2010 Downing Ave, Canada Park, CA 91708

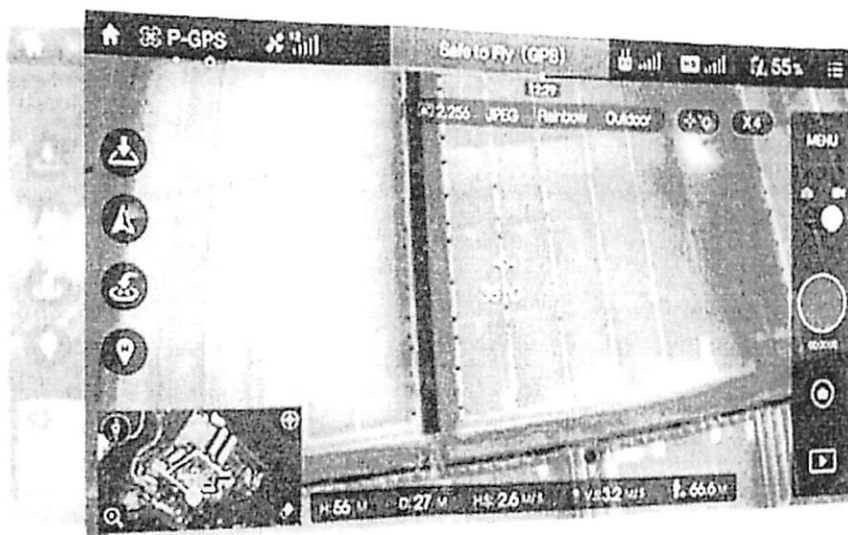
We offer competitive pricing and will PRICE MATCH. We offer DISCOUNTS to law enforcement agencies, emergency service organizations, government entities, educational institutions and other qualified organizations (POs are also accepted).

Subtotal	\$20,110.97
First Responder Discount	-\$2,050.00
Total	\$18,060.97

DSLRPros offers competitive pricing and will PRICE MATCH. We offer DISCOUNTS to law enforcement agencies, emergency service organizations, government entities, educational institutions and other qualified organizations (POs are also accepted).

Gimbal and Camera Controls

The Zenmuse XT Series Thermal Gimbal is a fully integrated FLIR Tau 2 thermal core that puts all the controls right at your fingertips.



- Spot Metering, temperature measurement at the mid-point
- Digital Zoom: x2, x4, and x8 (640 model)
- Digital Zoom: x2, x4 (336 Model)
- Single or interval shooting modes
- Photo, video preview and download
- Take photos while recording video
- Thermal Core Camera settings:
 1. Palette, also referred to as Look-up Table (LUT)
 2. Scene, also referred to as Automatic Gain Correction (AGC)
 3. Region of Interest (ROI)
 4. Isotherm mode
- Radiometric Option Available (TIFF 14-bit)
- Format: MP4, JPEG (8-bit), TIFF (14-bitRadiometric Only)

DSLRLPros offers competitive pricing and will PRICE MATCH. We offer DISCOUNTS to law enforcement agencies, emergency service organizations, government entities, educational institutions and other qualified organizations (POs are also accepted).



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79.000000 Ave Canoga Park, CA 91304

	6.8 / 7.5 mm	9 mm	13 mm	19 mm
640 x 512	90 degrees	69 degrees	45 degrees	32 degrees
336 x 256	45 degrees	35 degrees	25 degrees	17 degrees

DSLRPros offers competitive pricing and will PRICE MATCH. We offer DISCOUNTS to law enforcement agencies, emergency service organizations, government entities, educational institutions and other qualified organizations (POs are also accepted).

The DJI Pilot app is compatible with DJI FlightHub™, a web-based software package allowing teams to share real-time data with offsite parties over the Internet. This includes remote emergency situation control rooms keeping track of first response teams or asset management centers inspecting global infrastructure networks. In an easy-to-use control center, DJI FlightHub lets users plan flights with multiple drones and keep track of each aircraft's status. An offsite control room can simultaneously monitor live feeds and can remotely control gimbal and camera. The software enables managers to plan flights in advance using waypoints and dynamic geofencing.



DSLRPros offers competitive pricing and will PRICE MATCH. We offer DISCOUNTS to law enforcement agencies, emergency service organizations, government entities, educational institutions and other qualified organizations (POs are also accepted).

Flight Time Estimates

<input type="radio"/> NO PAYLOAD <input type="radio"/> X45 <input type="radio"/> X55 <input type="radio"/> Z30 <input type="radio"/> Z30 + XT <input type="radio"/> Z30 + X55	0.25 kg <small>PAYLOAD WEIGHT</small>	23 min <small>EST. FLIGHT TIME BASED ON TB50</small>	35 min <small>EST. FLIGHT TIME BASED ON TB55</small>	FLIGHT TIME Estimate your M200 Series drone's flight time based on the payload configuration.
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<input type="radio"/> NO PAYLOAD <input type="radio"/> X45 <input type="radio"/> X55 <input type="radio"/> Z30 <input type="radio"/> Z30 + XT <input type="radio"/> Z30 + X55	0.46 kg <small>PAYLOAD WEIGHT</small>	22 min <small>EST. FLIGHT TIME BASED ON TB50</small>	33 min <small>EST. FLIGHT TIME BASED ON TB55</small>	FLIGHT TIME Estimate your M200 Series drone's flight time based on the payload configuration.
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<input type="radio"/> NO PAYLOAD <input type="radio"/> X45 <input type="radio"/> X55 <input type="radio"/> Z30 <input type="radio"/> Z30 + XT <input type="radio"/> Z30 + X55	0.55 kg <small>PAYLOAD WEIGHT</small>	22 min <small>EST. FLIGHT TIME BASED ON TB50</small>	32 min <small>EST. FLIGHT TIME BASED ON TB55</small>	FLIGHT TIME Estimate your M200 Series drone's flight time based on the payload configuration.
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<input type="radio"/> NO PAYLOAD <input type="radio"/> X45 <input type="radio"/> X55 <input type="radio"/> Z30 <input type="radio"/> Z30 + XT <input type="radio"/> Z30 + X55	0.82 kg <small>PAYLOAD WEIGHT</small>	20 min <small>EST. FLIGHT TIME BASED ON TB50</small>	28 min <small>EST. FLIGHT TIME BASED ON TB55</small>	FLIGHT TIME Estimate your M200 Series drone's flight time based on the payload configuration.
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www.dslrpros.com | 877-296-1075
11201 - 114th Ave. Camarillo Park, CA 91304

Payment Options

Financing Available

Affirm financing provides innovative, technology-powered finance solutions for America's businesses as well as individuals. Basically – we're here for you so let's succeed together.

Purchase Orders

We support and welcome purchase order requisitions from local county, state and federal agencies as well as academic institutions.

Wire Transfer Method

We only recommend wire transfers for amounts over \$2,000 USD.

Please contact us for information on how to complete the wire transfer to place your order.

DSLRPros offers competitive pricing and will PRICE MATCH. We offer DISCOUNTS to law enforcement agencies, emergency service organizations, government entities, educational institutions and other qualified organizations (POs are also accepted).

Drone Pilot Boot Camp

3-Day Basic Training



Instructor Information

Instructors
Brendan Stewart
Derrick Ward

LinkedIn
<https://www.linkedin.com/in/brendanstewart/>
<https://www.linkedin.com/in/derrick-ward-3b63128a/>

General Information

Description

The drone pilot boot camp is a 3-day intensive training course to prepare new pilots for commercial UAV operations. The course includes FAA part 107 test preparation, hands-on flight exercises, and in-depth hardware training.

Expectations and Goals

Equip students with the requisite knowledge and experience to successfully pass their Part 107 aeronautical knowledge test and equip students to begin operating their UAS safely and proficiently in an emergency response capacity.

Upon completion of this course, students should be able to:

- Identify, understand and articulate the fundamental components of a successful drone program.
- Identify, understand, and comply with all federal aviation regulations pertinent to the UAS.
- Recognize classes of airspace, determine, and implement appropriate authorization procedures.
- Identify, understand, and interpret sectional charts, Chart Supplement, and airport diagrams.
- Recognize, understand, and interpret aviation weather products.
- Recognize and understand legal and physical weather limitations on the operation of the UAS.
- Recognize, understand, and implement mitigations to limit the detrimental effects of human error during the UAS operation.
- Understand and satisfactorily perform preflight inspection procedures to determine the UAS's airworthiness.
- Understand, articulate, and satisfactorily perform procedures for manual takeoffs and landings without the assistance of automated features.
- Understand, articulate, and satisfactorily perform ground reference maneuvers without the assistance of flight automation.
- Recognize and understand uncontrolled airport traffic patterns.
- Recognize and understand aviation radio communications procedures.
- Recognize, understand, and implement appropriate risk management procedures and aeronautical decision-making skills.
- Recognize, understand, and implement crew resource management and coordination procedures.
- Recognize and understand common inflight emergencies and implement appropriate management and resolution procedures.

Public Safety UAV Flight School

2-Day Advanced Training



Instructor Information

Instructors

Brendan Stewart

Derrick Ward

LinkedIn

<https://www.linkedin.com/in/brendanstewart/>

<https://www.linkedin.com/in/derrick-ward-3b83128e/>

General Information

Description

The public safety UAV flight school is a 2-day advanced training course to prepare public safety drone pilots with specialized training for common use cases and scenarios they will encounter in the field.

Expectations and Goals

Build on the experience of proficient public safety UAV pilots through scenario-based operations focused on strategy and tactics of specific missions and large-scale deployments.

Upon completion of this course, students should be able to:

- Understand and articulate the role of the Air Operations Branch of the National Incident Management System and where the UAS team fits.
- Understand, articulate, and implement the methods and procedures to deconflict and separate multiple responding air assets; manned, and unmanned.
- Identify, understand, and implement aerial search tactics and patterns.
- Understand and implement coordination procedures between aerial and ground search teams.
- Recognize and overcome visual illusions caused by darkness and understand physiological conditions which may degrade night vision.
- Understand and implement appropriate procedures and mitigations to overcome visual illusions caused by darkness.
- Recognize and understand the effect of an external payload on the UAS' center of gravity.
- Calculate and mitigate the effect on the UAS' performance due to an external payload.
- Release external payloads from the UAS safely and effectively.
- Recognize and understand UAS search tactics and methodology.
- Develop and execute UAS search plan.
- Recognize and understand the function and theory of photogrammetric operations.
- Plan and execute a photogrammetry flight plan.
- Process, analyze, and interpret photogrammetric maps and models.

Night Operations Training & Waiver

Online Live Training and FAA Waiver Application Service



General Information

Description

Emergencies don't stop when the sun goes down. Your team could be called to fly with a moment's notice at any time or your mission could extend far past sunset. Under Part 107, flying at night requires additional FAA approvals and training. Alternatively, if you have a Public COA with night operations, you may already have the approvals, but will need to meet the FAA's mandated training requirements for compliance and safety of flight. So, what can your agency do to fly legally & safely?

Let us manage the process with the FAA and train your pilots and visual observers to comply with your waiver.

Expectations and Goals

This training fulfills the FAA requirements for flying at night, either under a waiver of 107.29 or public COA.

- Creation, submission and approval on your agency's behalf 107.29 (night ops) waiver application.
- Training for 2 crew members to meet the FAA's night operations standards. (online live training)
 - Visual illusions, vision anatomy, flight physiology, and human factors
 - Flight crew roles and responsibilities
 - Night ops best practices
- One on one support from our chief pilot to answer any questions you have along the way.

Requirements

Prerequisites

- Pilot holds a current Remote Pilot's Certificate (Part 107)

Pricing

Package	Total
2 Students + Waiver Application	\$500
Additional Students	\$150

THIRA/SPR PARTICIPATION CERTIFICATION SIGN-IN ROSTER

COUNTY:

DATE	PRINTED NAME	SIGNED NAME	AGENCY	PHONE	EMAIL	GRANT FUNDING TYPE I.E. EMPG, SHSP, PDM
9-17-19	Candis Pickard	Candis Pickard	Cheyenne Regional Medical Cntr	307-633-7890	Candis.pickard@crmcwyo.org	RG N/A
9-17-19	Matt Solberg	Matt Solberg	Cheyenne Police Dept	307-633-6673	msolberg@cheyannepol.org	SHSP
9/17/19	Tracie Newland	Tracie Newland	Laramie County Grants	307-633-4301	tracie.newland@laramiecounty.com	STEP, EMPG, PDM
9/17/19	Terra Conrad	Terra Conrad	Laramie County Grants	307-633-4535	tconrad@laramiecounty.com	
9/17/19	MAldonado Juan	MAldonado Juan	LCCC Campus Safety	630 0645	Tmaldonado@lccc.wy.edu	
9/17/19	James Crosby	James Crosby	LCCC Campus Safety	307-630-0645	jcrosby@lccc.wy.edu	
9/17/19	Ramona Davis	Ramona Davis	LCIT	307-633-4172	rdavis@laramiecounty.com	
9/17/19	Brad Alexander	Brad Alexander	LCIT	307-633-4040	P.Alexander@laramiecounty.com	
9/17/19	Rebecca Reid	Rebecca Reid	Laramie county coroner	307-637-8000	Rebecca@laramiecounty.com	SHSP
9.17.19	JOHN KELLEY	JOHN KELLEY	C-LCHD / PHRC	633-4063	JKELLEY@LARAMIECOUNTY.WY.GOV	SHSP
9-17-19	Kevin James	Kevin James	Laramie County Sheriff's Office	633-4773	jamesk@laramiecounty.com	SHSP
9/17/19	Char Madden	Char Madden	Laramie County coroner	637-8000	cmadden@laramiecounty.com	SHSP
9/17/19	Jessica Lesley	Jessica Lesley	Laramie County coroner	637-8000	lesley@laramiecounty.com	SHSP
9/17/19	Ami Payne	Ami Payne	Laramie County Combined	637-6535	apayne@laramiecounty.com	
9/17/19	Roy Keiser	Roy Keiser	Cheyenne-Laramie Co Health	633-4090	roy.keiser@laramiecounty.com	
9/17/19	Derrick Mittlestedt	Derrick Mittlestedt	Laramie County Fire District #1	307-286-4800	dmittlestedt@lcfid1.com	AFB, SHSP
9/17/19	Priscilla Allen	Priscilla Allen	American Medical Response	307-256-2633	priscilla.allen@amr.net	
9/17/19	Jordan Hanslovu	Jordan Hanslovu	Laramie County Fire Dist #3	(307) 287-8381	LCFD3OPS@gmail.com	
9/17/19	Mikki Munson	Mikki Munson	WJOTS	307-277-4471	mikki.munson@wy.gov	
9/17/19	Beth Wood	Beth Wood	CLC EMA	307-633-4236	BWOOD@LARAMIECOUNTY.COM	HSOP/EMPG
9/17/19	Jocelyn West	Jocelyn West	CLC EMA	307-633-4323	jwest@laramiecounty.com	HSOP/EMPG
9/17/19	Matt Butler	Matt Butler	CLC EMA	307-633-4335	m.butler@laramiecounty.com	HSOP/EMPG

THIRA/SPR PARTICIPATION CERTIFICATION AGREEMENT

DATE:

9-17-19

JURISDICTION/RERT #:

Laramie County Sheriff's Office

COUNTY:

Laramie

PRINTED NAME:

Kevin James

SIGNATURE:

Kevin James

I certify the above by my signature, under penalty of false swearing pursuant to W.S. 6-5-303:

The Jurisdiction/RERT participated actively in a community Threat and Hazard Identification Risk Assessment (THIRA) and Stakeholders Preparedness Report (SPR) for the 2019 submission.