RESOLUTION NO.

A RESOLUTION AUTHORIZING THE RATIFIED SUBMISSION OF A GRANT APPLICATION TO THE WYOMING OFFICE OF HOMELAND SECURITY FOR THE FFY 2021 STATE HOMELAND SECURITY GRANT PROGRAM (SHSP), ON BEHALF OF THE GOVERNING BODY OF LARAMIE COUNTY, WYOMING TO REQUEST FUNDING FOR A TACTICAL DRONE AND CERTIFICATION FOR THE LARAMIE COUNTY SHERIFF'S DEPARTMENT IN THE AMOUNT OF \$68,025.00.

FOR THE PURPOSE OF: REQUESTED FUNDS WILL BE USED FOR THE PURCHASE OF A TACTICAL DRONE, ASSOCIATED TRAINING AND CERTIFICATION.

WITNESSETH

WHEREAS, the Wyoming Office of Homeland Security receives FFY 2021 SHSP funds from the Federal Emergency Management Agency and;

WHEREAS, the Wyoming Office of Homeland Security distributes a portion of these FFY 2021 SHSP funds to Wyoming Counties and;

WHEREAS, the Laramie County Board of Commissioners is eligible to apply for and receive FFY 2021 SHSP funds 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 this project; 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 for \$68,025.00 be submitted to the Wyoming Office of Homeland Security for consideration of assistance in funding the Laramie County Sheriff's Department under the FFY 2021 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 20TH DAY OF APRIL 2021.

Ву:	_	Date:
Gunnar Malm, Chairman		
ATTEST:		
		Date:
Debra Lee, Laramie County Clerk		
Received and Approved as to Form only By:	<i>y</i>	Date: <u>April 1, 7071</u>
11 Concentration		\

Laramie County Attorney's Office



Wyoming Office of Homeland Security

FY 2021 SHSP Deadline: 4/16/2021

Laramie County Tactical Drone & Certification

Jump to: Application Questions Budget Documents

USD	\$ 6	58.0	25	00	Re	al	est	100
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Project Contact

Sandra Newland

snewland@laramiecounty.com

Tel: 307-633-4201

Additional Contacts

burchc@laramiecounty.com

Laramie County

310 W. 19th Street, Suite 140 Cheyenne, WY 82001

United States

Chairman

Gunnar Malm

Commissioners@laramiecounty.com

Telephone 3076334260

Fax

Web

EIN 83-6000111 DUNS 197732709

SAM Expires2/23/2022

Application Questions top

Project Details

I. Type of	Jurisd	liction
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- County Emergency Management
- ✓ Law Enforcement
- Coroner
- RERT
- Bomb Team
- School District
- State Agency
- Special District
- City/Town
- Other: County

2. Does the requested funding cover 100% of the project cost?

Example: Installation, electrical, etc

- ✓ YES
- NO

4/1/2021 Print/Preview

3. Will you accept partial funding?

✓ YES

NO, explain: Can reduce number of trained pilots

4. Have you applied for other grant opportunities/partners to fund this request?

If yes, please name what other grants have been applied for.

✓ YES, explain: SHSP 2019 and 2020

NO

5. Select your project Investment Justification

Cybersecurity

IED/Terrorism Response

School Safety and Preparedness

Inter-operable Emergency Communications

Agricultural Emergency/Livestock Response

CBRNE Response

Community Resilience

Fusion Center

Critical Infrastructure

Protection of Soft Targets/Crowded Places

Addressing Emerging Threats

Combating Domestic Violent Extremism

✓ Information and Intelligence Sharing

6. Briefly describe the project and how it supports the Investment Justification

This project falls under the information and intelligence section, as it provides operational support to the department and other partners. We are 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. Within the 2019/2020 THIRA, our department can contribute to addressing the core capabilities of intelligence & information sharing, physical protective measures and situational assessment through the purchase and implementation of the drone. 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.

7. Explain this project's dual applicability to all-hazard events (man-made and natural hazards)

The drone can be used on all hazards both manmade and natural. 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.

8. Identify portions of the THIRA or SPR that the project will address

Our request of a drone addresses the Laramie County THIRA through, operational coordination, situational assessment and on scene security, protection & law enforcement. The THIRA confirmed our known gaps in operational coordination, as technology is continually evolving. The requested equipment would facilitate a more efficient response on scene for superior mutual aid and response efforts. This equipment will also address several core capabilities to include intelligence & information sharing, physical protective measures 4/1/2021 Print/Preview

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

9. 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. 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. A drone's ability to give realtime 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.

10. 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.

11. Select your Primary core capability

Planning

Public Information and Warning

Operational Coordination

Intelligence

Interdiction

Screening, Search

Access Control and Identity Verification

Cybersecurity

Physical Protective Measures

Community Resilience

Long-term Vulnerability Reduction

Risk and Disaster Resilience Assessment

Threats and Hazard Identification

Infrastructure Systems

Environmental Response/Health and Safety

Fatality Management Services

Logistics and Supply Chain Management

✓ On-Scene Security, Protection, and Law Enforcement

Operational Communications

Other:

12. Select your Secondary core capability

Planning

Public Information and Warning

Operational Coordination

Intelligence

Interdiction

Screening, Search

Access Control and Identity Verification

Cybersecurity

Physical Protective Measures

Community Resilience

Long-term Vulnerability Reduction

Risk and Disaster Resilience Assessment

✓ Threats and Hazard Identification

Infrastructure Systems

Environmental Response/Health and Safety

Fatality Management Services

Logistics and Supply Chain Management

On-Scene Security, Protection, and Law Enforcement

Operational Communications

Other:

13. Select your Tertiary/Third core capability

Planning

Public Information and Warning

Operational Coordination

Intelligence

Interdiction

Screening, Search

Access Control and Identity Verification

Cybersecurity

Physical Protective Measures

Community Resilience

Long-term Vulnerability Reduction

✓ Risk and Disaster Resilience Assessment

Threats and Hazard Identification

Infrastructure Systems

Environmental Response/Health and Safety

Fatality Management Services

Logistics and Supply Chain Management

On-Scene Security, Protection, and Law Enforcement

Operational Communications

Other:

14. Describe existing capability levels

Print/Preview 4/1/2021

> The Laramie County Sheriff's Department currently coordinates with other responder agencies to address the needs described above. Often times our request is put in a gue and we are not able to meet our department or community threats within a reasonable period. Laramie County has a large population that the county is responsible for and drone would assist in response efforts. Other drone's held by partnering agencies also lack public safety packages or abilities such as night vision that would be crucial for use at the sheriff's department. This gap is especially true when events are affecting more than one area in the State of Wyoming or within the county.

15. Please provide an overview of the trainings, exercises, real events, or other needs assessments that have identified this as a gap (include 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 exercises, trainings, tabletops and planning efforts with LCCC, the refinery, CFD, Air Force Base and the state. When we participated in the 2019/2020 THIRA, not having adequate on scene security and appropriate hazard identification were identified as gaps.

16. 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 determine origin and cause.

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

✓ Build Sustain

18. 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, explain: physically mobile NO

19. 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

20. Does this project support a NIMS typed resource?

✓ YES

NO

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

✓ YES, explain: Identified as a gap in the THIRA

NO

22. Does this project support a previously awarded investment?

YES

✓ NO

23. ** If you answered YES to number 22, please answer: (a) what previous year; (b) the investment name; and (c) the last completed milestone. ** If you answered NO, please put N/A. N/A

Milestones

Submit a minimum of four (4) milestones for all projects. Milestones should represent a logical progression of the project to allow for realistic monitoring and management of grant funding. This attribute will function as a tool for measuring project progress in future reporting periods. Provide a high level narrative description of activities to occur within each milestone including anticipated milestone dates/timeframes.

24. First Milestone/Key Activity. Include your projected Start and End Dates.

Example: December 15, 2012 to December 15, 2013.

1. A grant award is anticipated to occur in October 2021. At this time, we will establish a budget and accounting line items to prepare for the grant. After funding has been awarded, the Sheriff's Department will follow procurement policies and procedures to work with the selected vendor. We are anticipating this will be completed by the end of February 2022.

25. Second Milestone/Key Activity. Include your projected Start and End Dates.

Example: December 15, 2012 to December 15, 2013.

2. Beginning in March of 2022, we anticipate having a vendor selected and moving forward with the purchasing of equipment and engaging in the necessary training components and certification. We anticipate this being completed by September 31, 2022.

Third Milestone/Key Activity. Include your projected Start and End Dates.

Example: December 15, 2012 to December 15, 2013.

3. In October 2022, all training is expected to have been completed and the drone will be put into use by the department. Laramie County Sheriff's Department will establish policy and procedures consistent with legal standards and applicable uses, and will establish a team of authorized pilots who will be available to deploy the drone on an as needed basis. Cooperative agreements will be established with regional agencies for the purpose of interagency cooperation in regards to the availability of drone resources.

27. Fourth Milestone/Key Activity. Include your projected Start and End Dates.

Example: December 15, 2012 to December 15, 2013.

4. Our final milestone will be to close out and finalize all grant items for the grant from the Wyoming Office of Homeland Security. We anticipate this concluding around December 31, 2022.

AEL Codes

28. List your AEL Codes here. The AEL is available at http://www.fema.gov/authorized-equipment-list. Some equipment items require prior approval before the obligation or purchase of the items. Please reference the grant notes for each equipment item to ensure prior approval is not required. The AEL codes for the purchase and training include 03SR-05-RBTL and 03SR-03-SCAM.

Additional Information

29. Provide any additional information about the project you would like us to consider.

You may upload a document if you need more space.

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 utilize this technology under strict adherence to state laws, national standards and best practices. 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.

Budget top

Funding Uses/Expenses	Amount Requested	Total Project Cost
Planning	USD\$ 0.00	USD\$ 0.00
Organization	USD\$ 0.00	USD\$ 0.00
Exercise	USD\$ 0.00	USD\$ 0.00
Training	USD\$ 30,000.00	USD\$ 30,000.00
<u>Equipment</u>	USD\$ 38,025.00	USD\$ 38,025.00
Total	USD\$ 68,025.00	USD\$ 68,025.00

Budget Narrative

We are asking for a public safety package drone with the following accessories (camera, thermal imaging, controls and display, multiple batteries, carrying case, night operation kit and a payload drop system). The requested equipment will insure proper functioning without limitations for usage. The drone would fall into the robotic equipment category, as it is a remotely piloted vehicle for specialized operations with an added camera.

Requested training funds coincide with the equipment requested and is needed to ensure proper use and handling of equipment. For the drone, it is essential for personnel who will be operating the equipment to receive certification and training. Our request is for up to three users and includes all travel necessary. After the initial training and certification process is complete, the Laramie County Sheriff's Department will seek to become a public aircraft operator agency to self-certify drone pilots for flights to perform governmental functions.

The Sheriff's Department will move forward with expenditures after a formal bid process has occurred and once a vendor has been selected. The gaps identified are situational assessment, operational coordination and on scene security, protection and law enforcement. If funded, this equipment will contribute to reducing Laramie County gaps in the mentioned core capabilities and address the investment priorities under intelligence and information sharing. We will be able to build on this core capability for future expansion and strengthening of operations. Equipment \$38,025 and Drone Pilot Training \$30,000 for a total request of \$68,025.00 We have attached a quote on the specifics of the drone and associated equipment.

Documents top

Documents Requested * Required? Attached Documents * AEL's Drone Quote

^{*} ZoomGrants™ is not responsible for the content of uploaded documents.

Application ID: 347813

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Applicable TCL Numbers: 8, 9, 10, 19, 21, 22, 23, 24, 27

03SR-03-LSTN System, Listening

Seismic and acoustic listening devices and accessories for locating Description:

trapped and entombed victims not detectable by other means.

Amtrak , BZPP , LETPA-SHSP , LETPA-UASI , MMRS , OPSG , PSGP , SHSP , THSGP , TSGP , UASI Applicable Grant Programs:

For use by specialty teams such as Search and Rescue or Urban Grant Notes:

Search and Rescue Teams.

Applicable TCL Numbers: 8,9,22,23,24,27

03SR-03-SCAM Camera, Search

Void area video search camera and accessories for inspecting voids Description:

and confined spaces with limited physical access.

Amtrak , BZPP , LETPA-SHSP , LETPA-UASI , MMRS , OPSG , PSGP , SHSP , THSGP , TSGP , UASI Applicable Grant Programs:

For use by specialty teams such as Search and Rescue or Urban Grant Notes:

Search and Rescue Teams.

Applicable TCL Numbers: 8,9,22,23,24,27,35

03SR-03-TPBM Tape, Boundary Marking

Boundary marking tape: YELLOW Caution/RED Danger/ Incident Description:

specific (i.e., radiological, biological, chemical).

Amtrak, CCP, LETPA-SHSP, LETPA-UASI, MMRS, OPSG, PSGP, Applicable Grant Programs:

SHSP, THSGP, TSGP, UASI

Grant Notes:

 $\begin{smallmatrix} 4 & , 8 & , 9 & , 11 & , 12 & , 14 & , 15 & , 16 & , 18 & , 19 & , 20 & , 21 & , 22 & , 23 & , 24 & , 26 & , \\ 27 & , 28 & , 29 & , 30 & , 33 & , 34 & , 35 & , 36 & , 37 \\ \end{smallmatrix}$ Applicable TCL Numbers:

(03SR-04)Canines

03SR-04-DOGS Canines, Search & Rescue

Search & rescue canines, related CBRNE training, protective Description:

equipment/garments, and handling accessories.

Amtrak, LETPA-SHSP, LETPA-UASI, MMRS, OPSG, PSGP, SHSP, Applicable Grant Programs:

THSGP, TSGP, UASI

Grant Notes:

8, 9, 19, 22, 23, 24, 27 Applicable TCL Numbers:

(03SR-05)Robotic Equipment

03SR-05-RBTL Attachments/Tools, Search & Rescue Robot or Remotely Piloted Vehicle

Attachments/tools for specialized search & rescue capability such Description:

as mountable cameras (including infrared), remote manipulators, listening devices, etc. Includes repeater devices for extended

remote operations.

Amtrak , BZPP , LETPA-SHSP , LETPA-UASI , MMRS , OPSG , PSGP , SHSP , THSGP , TSGP , UASI Applicable Grant Programs:

For use only by specialty teams such as Search and Rescue or Grant Notes:

Urban Search and Rescue Teams.

8,9,19,22,23,24,27 Applicable TCL Numbers:

(03WA)Water Operational & Search/Rescue Equipment

(03WA-01)Water Operational Equipment

03WA-01-ALRT Device, Alerting, Water Operations

Description: Plastic, non-corrosive, pealess whistles.

Amtrak, CCP, LETPA-SHSP, LETPA-UASI, MMRS, OPSG, PSGP, Applicable Grant Programs:

SHSP, THSGP, TSGP, UASI

For use only by specialty teams such as Dive Teams or Grant Notes:

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.



Matrice 300 RTK Public Safety Package

Prepared by:

Derek Wheeler

DSLRPros.com

sales@dslrpros.com

Prepared for:

Curtis Burch

Laramie County Sheriff's Office

Date Created: Mar 31, 2021

Quote ID: YWTLN-TPLMO-ZJEZQ-CX2P3



Matrice 300 RTK Public Safety Package

Name	Price	QTY	Subtotal
ESSENTIAL P	ΚΙΤ		
Matrice 300 Economy Package	\$15,648.00	1	\$15,648.00
1x Matrice 300 Aircraft Body			
1x Smart Controller Enterprise			
4x (Total) TB60 Intelligent Flight Battery			
1x GPC Matrice 300 Case			
1x (Year) DJI Care Enterprise			
1x Matrice 300 Dual Gimbal Connector			
1x WB37 Intelligent Battery			
• 2x 2110 Propeller (CW)			
2x 2110 Propeller (CCW)			
• 1x USB Charger			
• 1x USB-C Cable			
2x Landing Gear			
1x (Pair) Spare RC Stick Cover			
2x Spare Propeller Holder			
4x Spare Gimbal Damper			
1x USB Cable with Double A Ports)			
1x Vision System Calibration Plate			
1x Smart Controller Lanyard			
1x Rubber Port Cover Set			
• 1x BS60 Power Cable			
BS60 Charging Box			
Screws & tools			
Manuals			
B-NB-M300-ECO			



ADD PUBLIC SAFETY PAYLOAD PACKA B-NB-M300-PSP	AGE		
DJI Zenmuse H20T Includes 1 year DJI Care Enterprise Basic 23x Hybrid Zoom & thermal imaging in a single package 12mp wide and 20 mp zoom cameras 1200m Laser Range Finder "Night Scene" IR-Cut Mode All-New Al features IP44 Rating S-DJI-ZH20T	\$11,209.00	1	\$11,209.00
Wingsland Z15 Gimbal Spotlight The Wingsland Z15 is a bright, 3-axis stabilized gimbal spotlight with high power beads. Powered by DJI SkyPort, it has an operating range of up to 150 m and can be easily integrated onto DJI Matrice 200 Series V1 and V2 drones, lighting the space at night or in lowlight conditions for users in firefighting, emergency response, law enforcement and beyond. S-DJI-Z15-SLT	\$2,500.00	1	\$2,500.00
Loudspeaker for Matrice 300 / Matrice 200 V2 Series	\$2,500.00	1	\$2,500.00



OPTIONAL Accessories (Optional items will not reflect in total unless selected)				
DJI TB60 Intelligent Flight Battery 2x Batteries required for each flight	\$700.00	6	\$4,200.00	
Matrice 300 Dropmaster Payload Drop System Includes Drop system & Remote Controller Requires Matrice 300 OSDK Module to operate	\$1,200.00	1	\$1,200.00	
DJI Matrice 300 - OSDK Expansion Module (Part No.13)	\$225.00	1	\$225.00	
DJI Matrice 300 - 2110 Propeller (Part No.14) • 1x (Pair) Matrice 300 Propellers (1x CW, 1x CCW) S-DJI-M300-2110P	\$120.00	2	\$240.00	



OPTIONAL SERVICES (Optional items will not reflect in total unle	ess selected)		
Firmware Upgrade Service	\$0.00	1	\$0.00
- Activation of the product(s), upgrading to the latest available firmware, and delivered ready to fly. V-NB-FIRM-UPG			
✓ 1 Day Free Hardware Training (Your Location)	\$0.00	1	\$0.00
To ensure that you are familiar with everything the M300 can do, we are now including a FREE day of hands-on training with every M300 purchase. Our experienced and knowledgeable instructor will travel to you for an in-depth introductory course on the M300 so that you can fly safely and confidently.			
▼ Silver Star Matrice 300 Maintenance Service	\$299.00	1	\$299.0
FPV Camera Calibration Compass Calibration Vision Sensor Calibration Stress Crack Inspection Central Frame Inspection and Maintenance Aircraft Firmware Update Aircraft Full Cleaning Central Component IMU Inspection and Calibration Motor Inspection and Cleaning Electronic Speed Controller Inspection Remote Control Firmware Update Humidity and Water Seal Inspection RTK and Ground Station Inspection and Test (As Required) Battery Update & Test Full Flight Test Camera Video and Picture Test			
Airdata Fleet Management + Streaming Bundle - 1 Drone / 20 Hours AirData Enterprise (1 year) Simple and intuitive [eet management Get insights into your overall [jight data Remote live streaming available Set alerts for maintenance services &	\$999.00	1	\$999.0



<u>www.dslrpros.com</u> | 877-299-1075 19850 Nordhoff Place, Chatsworth, CA 91311

V-NB-SHIP			
Ground Shipping	\$0.00	1	\$0.00
SHIPPING & HAN	DLING		
AirData Live Streaming Service (1 Year) - 1 user, 20 hrs/month			
- Dashboard includes local weather & satellite info			
safety concerns			

Subtotal \$38,021.00

Total \$38,021.00



Signatures

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Signature	Date
·	
Name	Title