

Crime Scene Investigative Equipment

FY2025 Request: \$770,000
Reference No: 65142

AP/AL: Appropriation
Category: Public Protection
Location: Statewide
Impact House District: Statewide (HD 1 - 40)
Estimated Project Dates: 07/01/2024 - 06/30/2029

Project Type: Life / Health / Safety
House District: Statewide (HD 1 - 40)
Contact: Pam Halloran
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Brief Summary and Statement of Need:

The Alaska Bureau of Investigation requires investigative equipment to improve responses to sexual assault, child abuse, homicide, assault, and human/sex trafficking cases.

Funding:	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
1004 Gen Fund	\$770,000						\$770,000
Total:	\$770,000	\$0	\$0	\$0	\$0	\$0	\$770,000

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
Totals:	0	0

Prior Funding History / Additional Information:

Advanced crime scene investigation tools align with the Department of Public Safety's (DPS) commitment to victim-centered approaches to handling cases.

Project Description/Justification:

\$183.0– Crime Light Cameras combine a high-resolution camera with alternative light sources in an intuitive tablet that enhances the efficiency and effectiveness of crime scene operations. These cameras are often used to identify trace evidence such as semen, blood, saliva, fingerprints, gunshot residue, fibers, hair, or glass. Crime Light Cameras are designed to search for, detect, and document trace evidence. The department currently does not have an equivalent device capable of detailed forensic identification.

\$27.0– Cameras, Mobile, Portable Scene Lights, Faraday Bags, Laser Trajectory Finder, Measuring Devices, Evidence Vacuum Sweeper Kit, and Metal Detector for investigators to document physical evidence accurately and effectively upon arrival to a crime scene. Current tools and equipment are over a decade old and past useful life. This equipment will assist with crime scene documentation, crime scene illumination, block computer signals for digital evidence, define bullet path and source, and collect microparticle evidence.

\$230.0– Drive Tester to enhance efficiency and effectiveness around cellular phone records mapping and authentication. A drive tester device, along with supporting hardware, software, and training, will assist the Alaska State Troopers in gathering accurate and verifiable data, significantly

strengthening the credibility and reliability of cellular records utilized in court cases. The intent is to fortify investigative practices and minimize potential challenges to the authenticity of such data. The Drive Tester provides a significant advantage around mapping cellular networks at crime scenes such as network congestion, weather conditions, and other relevant information. Real time data on the performance and coverage of cellular networks in the vicinity of crime scenes will improve the Alaska State Troopers ability to reconstruct events and identify potential witnesses. DPS does not currently have a similar device.

\$330.0– FARO V2 (Laser Scanners) for upgrading a total of six FARO devices, including support hardware, software, and training. Two existing FARO devices are over a decade old and considered “end of life” and four devices are overdue for replacement. These devices are a staple for crime scene documentation, as they make three dimensional scans of a scene and later stitch those scenes together, allowing the user to “walk around” the scene. DPS primarily uses the oldest S120 models. The scan completion times between the older and newer versions vary up to 12 minutes. The documentation of fatal collision scenes involves many scans; thus, the older models take valuable time from scene processing and evidence collection. Utilizing FARO has become the de facto standard for crime scenes and fatal motor vehicle collisions across the state. The District Attorney’s offices rely on them for trial preparation and trial. Utilizing the newest version will enhance the efficiency of DPS’s investigative units across the state and will provide a better, more user-friendly interface.