

Agency: Commerce, Community and Economic Development**Grants to Municipalities (AS 37.05.315)****Grant Recipient: Anchorage****Project Title:****Project Type: Equipment and Materials**

Anchorage - Crime Scene Investigation Vehicle

State Funding Requested: \$410,000
One-Time Need**House District: Anchorage Areawide (17-32)****Brief Project Description:**

Replace 20+ year old Major Crime Scene Vehicle with a new vehicle, customized to the needs of the Anchorage Police Department. The Major Crime Scene Vehicle is essential for collection, cataloging and documentation of physical evidence in support of forensic investigations.

Funding Plan:

Total Cost of Project: \$410,000
There is no other funding needed

Detailed Project Description and Justification:

The Anchorage Police Department's Major Crime Scene Vehicle (MCSV) is more than 20 years old. Despite scrupulous maintenance, the aging vehicle often must be towed to crime scenes. In addition to the mechanical failings, the equipment and design are not appropriate for modern crime scene processing. Funding for a new MCSV would ensure that the APD is able to quickly travel to crime scenes with the personnel, equipment and materials necessary to facilitate proper collection, processing and cataloging of the physical evidence that is vital for successful prosecution of criminals.

Requirements for forensic support of criminal investigations has grown tremendously in the last two decade due to advances in technology, particularly in the areas of DNA, digital and electronic evidence, and a general increase in criminal databases used for comparison purposes. Media attention has increased the average person's awareness and interest in crime scene work, which has translated into more demand for better forensic evidence in cases where they may be victims or where they sit in judgment as jurors. Once a subspecialty of law enforcement, Crime Scene Investigation is now center stage.

The MCSV is available around the clock in all weather conditions to help investigate thousands of major crimes each year including murder, sexual assault, kidnapping, robbery, burglary, felony assault and arson, and supports the State of Alaska and other law enforcement partners. Examples of tasks done using the MCSV include creating castings of tool marks, foot and tire impressions; collection of latent prints, electrostatic lifts, serological and other biological evidence; processing and cataloging firearms, digital evidence from cell phones and computers, documents; and any other physical evidence, including human remains. The MCSV also provides the necessary equipment for crime scene diagramming, photography, and videography.

A new MCSV would:

- First and foremost, be able to transport itself and ensure reliable and safe transport for the team, equipment and evidence.

- Provide all weather, enhanced crime-scene illumination and generate electricity for scientific equipment.
- Include storage capacity for evidence processing and scientific equipment, including a “super glue” fume hood for development of latent prints/impressions.
- Provide computerized support for documentation, cataloging and tagging of evidence.
- Contain an evidence storage space, designed to fit the needs of the APD and capable of proper decontamination between deployments.

Project Timeline:

FY 2010

Entity Responsible for the Ongoing Operation and Maintenance of this Project:

Anchorage Police Department

Grant Recipient Contact Information:

Name: Lt. Dave Koch
Address: 4501 Elmore Road
Anchorage, AK 99507
Phone Number: (907)786-8870
Email: dkoch@ci.anchorage.ak.us

Has this project been through a public review process at the local level and is it a community priority? Yes No



Anchorage - Major Crime Scene Investigation Vehicle

Detailed Procurement List

38' Crime Scene Investigation Response Vehicle

This Travel Supreme commercial motor coach will be configured by the factory as a forensic crime scene investigation vehicle designed to the departments specifications. The basic coach will consist of a 400hp Cummins Diesel engine, 6 speed Allison electronic transmission, 32,600# gross vehicle weight, 100 gallon freeze proof fresh water tank with 16 gallon superheated water heater, 40 gallon LP gas tank, two slide out 4' x 7' slide out storage trays, 2800 watt pure sine inverter, 12.5Kw diesel generator, remote control roof mounted spotlight, dual 35,000btu furnaces, side and rear main camera security system, self leveling system, three slide outs 12' X 2' – 10' x 2' – 5' x 2', auxiliary rear door entry, heated pad holding tanks, high weight capacity slide out drive system, extra roof & wall insulation with strengthened ½" load bearing walls & ceiling, two high performance roof mounted central air conditioners, and other upgrades to allow unit to operate in all climate conditions as found in the local operational region.

The cabin area will consist of a meeting/conference room area containing overhead storage cabinets, non-porous seating for up to six personnel, additional 110v electrical outlets, entry door, two storage lockers, storable conference table, two equipment storage closets, 7' x 4' dry erase board, additional cabin lighting and multimedia workstation area. The main forensic inspection area will be outfitted with professional grade aluminum cabinetry, aluminum storage drawer systems, aluminum evidence storage lockers, compartments and closets, over 18' of stainless steel evidence processing counters, stainless deep sink with drain board, computer work station area, additional 110v power outlets, sliding pocket doors (to provide adequate separation from conference area), additional lighting, super glue vented booth, transparent curtain to drivers area, walls and ceiling will be a white non-porous easy to clean surface, and black rubber (bus style) easy mop flooring.

All cabinets throughout the unit be professional grade aluminum product with white painted doors for easy decontamination. The commode area has been increased in size to accommodate a sworn patrol officer in full gear. Unit will be equipped with a small kitchenette area containing sink, microwave, 5 cu.ft. refrigerator, and pocket doors to separate conference and forensic inspection areas.

Dell Optiplex 745 Compact Minitower Computers (2)

2 Dell Optiplex 745 compact minitower computers with IntelCore 2 Duo Processors at 1.86GHz, 1GB DDR2 SDRAM, 256MB ATI Radeon X1300Pro video cards, dual 1908FP 19" Flat Panel monitors, 160GB SATA harddrives and 16X DVD+/-RW drives operating on a MicroSoft Windows XP Professional platform. These computers will be used to process forensic case evidence, remotely access the secure police wireless network system, and share case information with prosecuting attorneys, detectives, and police command staff.

HP LaserJet 4700 Series High Speed Printer

This high speed laser printer will be installed in the conference/meeting area of the Crime Scene Investigation Response Vehicle to enable creation of hard copy product necessary for the investigation files, detective and patrol units, and other requesting parties.

HP ScanJet 8200 Series Scanner

This high speed scanner will be located in the evidentiary inspection and evaluation area of the unit and will enable the ability to scan a digital image of evidence, for instance fingerprints, directly to the crime lab for immediate processing in the Automated Fingerprint Identification System (AFIS) and the Automated Palmprint Identification System (APIS) for the rapid identification of prior offenders.

Dell Back-Up UPS RS1000

These uninterruptible power supplies will provide back-up power in the unlikely event of a total power failure of the coach main systems in an effort to enable safe shutdown of systems without the threat of loss of data.

Portable Quartz Lighting Packages

Four (4) portable quartz bulb lighting packages will supply "true white" light to bathe a crime scene with light, even in the extended darkness encountered in the northern region winter months. This lighting will be powered by the vehicles on-board power generation system.

VHS Tape/DVD Recorder

This VHS Tape to DVD Player/Recorder will allow immediate conversion of security surveillance tapes to digital media to enable immediate transfer over the secure police wireless network to the forensic video evaluation detective unit.

Forensic Collection Materials Supply Items

This supply item consists of miscellaneous forensic investigation, collection and storage items such as; various sized evidence boxes, wrapping paper & dispensing system, evaluation chemicals, decontamination chemicals, fingerprint collection supplies, footprint casting materials, etc.

Removable Floor Mats

These three (3) removable rubber/ribbed felt composite floor mats will be placed throughout the forensic inspection area of the vehicle in an effort to capture loose debris that could otherwise contaminate the forensic evidence collection process. These floor mats will then be added to the biohazard cleaning contract that the department maintains with a local vendor and will be cleaned immediately after each forensic crime scene investigation.