U.S. Fish and Wildlife Service

Division of Refuge Law Enforcement

Law Enforcement Vehicle Performance Statement of Work

BACKGROUND

The U.S. Fish and Wildlife Service, Division of Refuge Law Enforcement (DRLE) replaces emergency vehicles at regular intervals. Once acquired, these vehicles need to be fitted with emergency lighting, audible warning, control console, and other miscellaneous mission specific equipment.

Vehicles can be Sport Utility Vehicles (SUV) or pickup trucks, of various makes or models as defined by the National Wildlife Refuge System Law Enforcement and will be outfitted as a fully marked (Class A). Internally and externally installed equipment on the Class A vehicles will be upfitted identically to maintain standardization and meet policy guidelines.

Currently one new additional Chevy Silverado 1500 SSV's has been ordered and will need upfitting.

OBJECTIVES

The Service acquires emergency response vehicles to ensure the safety of our Federal Wildlife Officers (FWO) in the performance of their duties. The upfitting of the components required to perform daily patrol work and investigations are of utmost importance to the mission. The ability to safely respond with adequate emergency lighting, equipment, and prisoner transport is achieved through the quality upfitting of vehicles by a vendor which meets or exceeds public safety levels.

DRLE retains the right to conduct on-site inspections of the upfitted vehicles at the vendor's location any time prior to delivery. No vehicle will be delivered without consent of the DRLE Contracting Officer's Technical Representative (COTR), or Designee.

WARRANTY

The contractor will provide a minimum twelve (12) month warranty on all work. Major components and sub-assemblies shall be warrantied through their respective manufacturers. In the event a defect in installation workmanship is discovered following delivery of a vehicle at its destination, the contractor shall itself, or sub-contract with a company in that geographic area, to make repairs and shall assume financial responsibility for all costs related to the repair.

SCOPE OF WORK

UP- FITTING

The awarded vendor will be subject to work oversight conducted by the U.S. Fish and Wildlife Service, Division of Refuge Law Enforcement; work will be performed to pre-established standards and may be conducted at the awarded vendors facilities during the up-fitting of equipment to be installed in the vehicles identified in the agreement.

The vendors facility must be within two hours of the Regional Office- Bloomington MN or Sherburne NWR - Zimmerman MN facility and offer vehicle transportation to one of those locations, to support timely warranty work and to facilitate FWS logistics for auctioning of decommissioned vehicles.

The vendor agrees to complete the up-fitting and deliver the patrol-ready vehicle **within *90 days* of the awarded contract or being notified the vehicle is available for upfitting.**

The vendor will remove law enforcement equipment from old law enforcement vehicles that are being decommissioned, prep them for auction, and assist with transport to the FWS facilities for auction. The vendor will also provide storage for decommissioned equipment at their facility that may be used for future upfitting at a cost saving to the government.

The vendor agrees to assist with transporting the vehicle to its shop or final patrol destination within the **State of Minnesota**.

The vehicles requiring up-fitting and delivery are generally 4 door, 4x4, pick-up trucks.

The requirement of the vendor is to receive, and properly install Government identified law enforcement equipment, and delivery of government owned vehicles.

The installation shall comply and be consistent with equipment manufacturers' instructions for the item to include all non-original equipment manufacturer (OEM) after-market items which are purchased in order to make the vehicle ready for FWO work.

The vendor will install all emergency vehicle equipment in a consistent standardized manner. The wiring must have weatherproof protective sheathing in areas exposed to outside elements, crimping, or wear that could cause equipment failure to which it's connected and potentially damage the vehicle.

The standard for FWS vehicles includes all connections utilize butt connectors, solder, and shrink wrap at connection points. When installing equipment and wiring the vehicles, the vendor shall ensure that performance and workmanship will minimize risk of electrical failure, mechanical failure, and/or fire due to changes made by the vendor.

The vendor will leave a basic wiring and fuse box diagram for any installed or upgrades to the OEM fuse box, in the glove box of the completed vehicle.

The installed equipment must be able to sustain extremes in vibration, climate, and conditions, from extreme cold, snow-covered highways, to extreme hot, dusty wash-boarded gravel roads, to off-road use.

When selecting mounting location for lights or accessories on or in the vehicle, *resale consideration should be factored in*, with no holes drilled into the exterior of the vehicle's body, and minimal holes drilled within the interior. During the decommissioning process, vendors are required to return the vehicle to original, or as close as original conditions, to maximize resale value. Ideally, additional lights and/or accessories are to be mounted (holes) in less conspicuous locations or on aftermarket hardware.

FWO PACKAGE EQUIPMENT AND UPFITTING STANDARDS

The following regional standards are authorized for vehicles and are as follows, subject to change:

Window Tinting
The window tinting material will be 40% (All windows EXCLUDING front windshield). The units require window tinting for UV protection of the interior from fading, security of equipment from theft, and safety in the case of an accident. The tinting prevents glass from splintering in the case of breakage. The vendor will not use materials that are classified as a non-reflective/dyed material. The finish edge of the tinting will be to the edge of the window, and no gap of window will be exposed, and the rear window will be done with one piece and heat shrunk for the best fit and 100% free from defects.

Full Interior Visor Programmable LED Light w/Takedowns

Interior full light strip mounted across width of vehicle windshield shall be bright enough to permeate a windshield with 20% "eyebrow" tint.

A light color pattern selector switch will be installed to allow the officer the option of the following four-color patterns: red/white driver side, and blue/white passenger side, with traffic advisor.

All programmable lights shall automatically drop down into a 'low power' mode when the headlights are activated. This "night mode" shall drop the LED brightness from 100% intensity to +/-60% brilliance.

Headlight Flasher or forward-facing white light capable lightbar.
The lights are inserts in the headlights and taillights of the law enforcement vehicle and will enhance the visibility when in use. These lights shall be weatherproof and will be installed to ensure the greatest light reflection for greater visibility. It has an in-line flasher and the ability to synchronize with other flasher units; headlight flashers are **not** installed on class A vehicles with light bars capable of forward facing alternating white light as a condition in code three.

Rear and Side Lights
The directional rear mounted LED warning light shall be able to permeate the rear window tinting. This unit is compatible with the siren/light controller. This full-width unit offers a programmable red/blue response flash pattern, and an amber in color, left/right/center-out directional flash patterns with scrolling flash rate feature which makes the light highly visible. The housing for each LED module is sealed from condensation and dust. The required modules must feature waterproof internal connectors. The required directional light bar must have completely sealed electronics.

Additional interior LED strip lights will be mounted in driver and passenger side rear- door windows for additional side warning coverage.

Tailgate Strip Lightings (Class B)
Two (4" or 6" LED) alternating programmable lighting strips will be mounted in the gap between the bumper and tailgate. Light pattern will be red/blue. Light strips should turn bright white when the vehicle is operated in reverse.

Heavy Duty Winch Ready Grill Guard or Bumper and Lighting
The winch ready grille guard provides protection to the vehicle. The grille guard will be "sturdy- mounted" so

as to lessen the chance of loosening due to heavy vibrations associated with rough and/or off-road operations. The bumper or grill guard will be secured with a Loctite or equivalate product on all bolt threads to lessen the chance of loosening. Emergency led lights will be mounted to the grill guard forward and side facing.

The emergency lights for the grill mounting application should have completely sealed electronics and be impact resistant. These lights shall have high power LEDs which will provide the greatest visibility during an emergency response.

360° Front and Rear Intersection Lights
The lights shall provide warning to 360° of the vehicle and be flush or nearly flush mounted on the side of the vehicle so as not to catch on objects during off road use. The lights shall be mounted high to lessen the chance of being obstructed by such things as brush or snowbanks when entering intersections. These are essential to the side warning of the vehicle providing safety to the officer while responding and/or while on scene in high-traffic areas.

Console
The console holds the vehicle equipment to include radios, siren and light controller and auxiliary radios specific to DRLE specifications. It shall be of appropriate size, wide body preferred, for the vehicle to not impede access to vertical mounted long guns between the driver and passenger seats. The console shall contain 4-power outlets (2- 12v (lighter style outlet) and 2- USB outlets, cup holders, and 8" locking box & padded armrest for both driver and passenger, and two magnetic mic mounts for LE radio mounts.

Interior Overhead light
Three red/white dome lights mounted in the front and both rear compartments and operable without requirement of key being in ignition. Front to be mounted between the drivers and passenger's seat. The rear light to be mounted centered behind the driver's seat and one in the prisoner compartment.

Siren Controller and Speaker
The standard plug-in siren unit is an electronic siren and integrated light controller with individually programmable switches. Switch button map will be provided to DRLE.

External speaker is to be mounted behind the OEM grill when possible.

Vertical Dual Rifle/Shotgun Gun Rack
Dual Long Gun Assembly – AR-15, and 12 ga. Shotgun.

Gun rack must be wired hot, with vehicle off. Vertically mounted on floor with specific steps taken to limit vibration. Shotgun mounted closest to the driver.

The K9 vehicle will have a single overhead gun mount; not to interfere with K9 configuration.

Three hidden gun lock buttons will be installed in the forward cab, all black in color. One at the rear of the center consul, the second on the inside of the B pillar on the driver side. The third to be determined at the time of installation.

A custom modular police package wiring harness
The wiring harness required will be a custom modular wiring harness & fuse panel with labeled wire, integrated built-in timer to eliminate battery drain, integrated "Super-Relay" to shut down all emergency lighting connections during vehicle servicing. It shall be constructed with weatherproof wiring.

In addition, this unit will require a single AWG battery connection with an integrated high-amp thermal circuit breaker, contain MIL-SPEC wire crimps, MIL-SPEC 300 Amp relay and is required to be built with vehicle specific housing. This "vacation mode" will provide for the ease of servicing, security of the vehicle during servicing, non-invasive to the vehicle computer and radio systems, and reduce the chance of vehicle

damage in the event of an up-fitting component electrical failure.

Programmable battery saver & kill switch.
Set to 2 hrs. as not to interfere with radio code programming. An emergency equipment master kill switch mounted near the battery under the hood.

5G Cell Phone Booster w/ Permanent Mount External Bed-Mounted Antenna
The permanent external antennae will be mounted on the front top end cap of the truck bed.

Radio Ready Wiring
APX 8500 VHF radio wiring and mounting for receipt of radio head and "brain box" equipment.

Roof Antennae Special Instruction
Antennae installed on the roof of vehicle shall be mounted in such a way as to allow the FWO to remove and re-install the antennae when needed without the aid of hand tools.

Graphics
To maintain consistency with current fleet, graphics packages for vehicles with specific placement instructions will be supplied to the vendor.

Winch - Rated at 9500 lbs. with synthetic rope.

Prisoner Cage/ Partition - Full recessed partition with divider ¼-cage (for rear-seat single prisoner on passenger side), mounted kick panel, and window screen. This rear partition is utilized to maintain the security of a person in custody during transport.

K9 specific equipment is communicated on an as needed basis by the National K9 coordinator and/or representative handler.

K9 Package – will include a K9 compartment w/ water dish, fan w/ guard system, AceWatch + no k9 left behind system, truck box "Decked storage system, color matched topper with accessible windows on both sides and rear window w/ traffic advisory capable light bar.

IR Light and Black-Out Option – A single IR light mounted in the grill, along with a module with the ability to disable all lighting under 20 MPH.

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DELIVERY

Upon arrival to the vendor of each law enforcement vehicle, completion and delivery of the vehicle will not exceed **90** calendar days. DRLE retains the right to conduct on-site inspections of the completed vehicle at the vendor location prior to delivery.

The vendor shall perform quality control checks on all new equipment on each vehicle when up fitting to ensure that proper installation, assembly, and function of emergency equipment operates as manufactures specifications. This will ensure that all OEM vehicle equipment will work in operating conditions and that the up-fitting process does not affect OEM equipment or settings.

No DRLE vehicle will be stored or left outside of secure area overnight or longer while being up fitted.

The vendor shall be responsible for repair of any damage to any vehicle and equipment incurred during shipping and build phases.

WARRANTY

The awarded vendor will provide 12-months of warranty on the installation of equipment and provide on- site technician, or coordinate with a local shop, for repairs, and shall notify the government within 48 hrs. of when arrangements have been made.

MANUFACTURERS' GUARANTEES AND WARRANTIES

The following warranties and guarantees shall be provided:

All manufacturer or installer guarantees/warranties obtained by the Contractor for any materials, products, services, or equipment procured for this project shall be obtained for the use and benefit of the Government.

All items delivered under this contract shall be warranted by the manufacturer's standard warranty.

A copy of the manufacturer's standard warranty shall be enclosed in the package or included with shipping documents, as appropriate, for each warranted item delivered under the contract, and included in a packet within each vehicle.

If a claim for warranty is requested, the vendor will work to make the repair, provide technical assistance, or send replacement parts in an expedient manner.

Items warranted by the manufacturer's standard warranty shall be marked or stamped "Warranted." If space on the item is not available, the packing slip should state, as a minimum, the following:

- Brief statement that a warranty exists.
- Substance of the warranty.
- Duration of the warranty.
- Person/company to notify if the items are defective.

POINTS OF CONTACT

Contracting Officer's Technical Representative

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(or designee)

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Contracting Officer

TDB

End of Statement of Work-