

## MINIMUM DETAILED SPECIFICATIONS

### Police Utility Vehicle - Patrol

#### **Vehicles shall meet the following general specifications:**

1. Vehicle ordered shall include any other standard features not listed but detailed in the manufacturer's brochures and deemed necessary for the proper and safe operation of the vehicle.
2. Manufacturer's standard warranty of 36 months or 36,000 miles and powertrain warranty for a minimum of 60 months or 100,000 miles and a corrosion warranty for a minimum of 60 months or 60,000 miles from the date the vehicle is placed into service. Full coverage shall include costs of parts, labor and any other expenses incurred in performing warranty work. Warranty documents shall be delivered with the vehicle and shall detail manufacturer's obligation and warranty.
3. Contractor shall provide 1 copy of the owner operator manual at the time the vehicle is delivered. Hard copies are required if available. Electronic version is acceptable provided the electronic version is printable with no material omissions.
4. Vehicle shall include and comply with all Federal Motor Vehicle Safety Standards. Vehicle shall also comply with the Code of Federal Regulations, Title 40, Part 85: Control of Air Pollution from New Motor Vehicles and new Motor Vehicle Engines; Environmental Protection Agency.
5. Vehicle shall be completely serviced and in full operational condition upon delivery.
6. Accessory or standard equipment installed on the vehicle shall be fully guaranteed by the contractor against defects resulting from the use of defective or inferior materials or from neglect or from defective workmanship or against all design and manufacturing defects. Warranty period shall begin from the date equipment is placed in service and shall be for a minimum period of one (1) year or for the period guaranteed by the manufacturer, whichever is longer except for rust proofing. Warranty documents shall be delivered with the vehicle and shall detail manufacturer's obligation and warranty procedures. Contractor shall replace or repair defective material and/or workmanship at no costs to the State for parts and labor during the warranty period, provided such defects are not due to abuse or negligence on the part of the State.
7. All equipment offered shall meet ANSI and OSHA safety requirements, and any other Federal or State requirements. If applicable or when requested, equipment shall bear a label or written documentation indicating approval of safety requirements from a bonafide testing laboratory.

8. Manufacturer's standard corrosion protection warranty for a minimum of five (5) years, 60,000 miles and warranty documents.

Substitutions of the vehicle may be accepted if the all specifications are equal or exceeds the vehicle listed above and will be reviewed by Sheriff Division project manager prior to award.

1. Model: 2026 or later. Police Package Utility Vehicle, 4 wheel drive, meeting the minimum specifications herein.
2. G.V.W Rating: 7,000 Lbs. Minimum capacity.
3. Wheel Base 110 inches minimum, 160 maximum.
4. Engine 8 cylinder minimum, minimum 300 HP, Gasoline powered (unleaded) with flex fuel capabilities, factory heavy duty cooling system, coolant recovery system, Minimum 200 amp Alternator capacity. Minimum 300 torque lbs.
5. Miles Per Gallon: 12 city miles / 16 Highway miles per gallon.
6. Transmission: Minimum 5 forward speed 1 reverse speed automatic, exterior transmission cooler.
7. Electrical System: 12 volt with Alternator capable of charging system battery at low engine speed.
8. Steering: Powered assisted with Stability Control System.
9. Brakes: 4 wheel anti-lock system, 4 wheel disk brakes.
10. Tires & Wheels: Tires and wheels shall meet manufacturer's and Federal GAWR requirements for GVW submitted. Traction assists vehicle stability system. Minimum 17 inch rim front and rear Full Size Spare tire.
11. Suspension Axles, springs and shock absorbers must meet Manufacturers and Federal GAWR requirements for the GVW submitted.
12. Body, Interior 5 Passenger seating capacity. Dual front air bags (SRS). Standard upholstery. Full Headlining and side paneling. Driver's, front passenger and rear passenger's powered

windows shall roll down electronically.  
Gauge package.  
Factory standard radio.  
Factory front Air conditioning package (CFC Free).  
Accessory type front and rear rubber floor mats.  
Powered door locks.

13. Body, Exterior: Four side doors with rear lift door (SUV).  
Dual exterior rear side view mirrors.  
Reverse rear backup sensors (minimum: two sensors).  
Maximum vehicle height 86 inches.  
Minimum Ground Clearance: 6 inches.
14. Lighting and siren package: Emergency lighting package to be installed by factory certified technician to manufacturer specifications.

Due to the technical complexity of the build, it is preferred that the Contractor should have the work performed by a technician with a current Whelen Engineering Vehicle Technician (WEVT) certification. As an alternate, work may be performed by a technician with Emergency Vehicle Technician Certification, with a current credential for Law Enforcement Vehicle installation (LEV Technician Certification Track) as issued by the Emergency Vehicle Technician Certification Commission, Inc. Proof of current certification by the Contractor's technicians should be uploaded to HlePRO as part of the bid submission process.

The vehicle(s) shall be available for inspection by DLE Officer In Charge (OIC) during the build process. The Contractor shall have drive-up warranty service available during normal business hours and be available for off-hours service if operational need arises. For non-Oahu based Contractors, a subcontractor located on Oahu to provide warranty services shall be identified and disclosed as part of the bid submission. The warranty period shall, at minimum, match the manufacturer's warranty for the products provided. The contractor shall guarantee the integrity of the installation for the service life of the vehicle.

For non-Oahu based Contractors, a subcontractor to provide warranty services shall be identified and disclosed as part of the bid submission. The warranty

period shall, at minimum, match the manufacturer's warranty for the products provided. The contractor shall guarantee the integrity of the installation of the service life of the vehicle.

The contractor shall furnish and install a Whelen C399SH CORE-S with CCTL6 rotary siren/slide switch controller, SA315 speaker, Howler low frequency speaker, and correct mounting brackets. A Whelen 9XT2P3HIDLE 54" DUO lightbar with red/white, blue/white modules and rear TA capabilities shall be installed on the roof with the correct stainless steel mounting brackets. Whelen MBCT21 w/ MBIONR & MBIONB mirror beams with LINSV2R/LINSV2B 180degree under pucks shall be installed on the rearview mirrors. Whelen T-ION light heads shall be installed behind the rear quarter windows – side facing – red on the driver's side, blue on the passenger side. Whelen T-ION light heads shall be installed on the lower portion of the liftgate trim – rear facing when opened – red on the driver's side, blue on the passenger side. Rear OEM LED taillights shall be integrated into the system to flash in response mode - patterns shall be synched to the rest of the warning lights. The contractor shall properly isolate the lights away from the BCM to eliminate OEM issues. Whelen 3SRCCDCR duo red/white compartment lights, (2) two shall be mounted on the rear inside trim panel – downward facing when open – to provide selectable day/night work lights in the cargo area. An on-off-on rocker shall be mounted in the rear cargo area for this purpose. A Whelen BS54Z rear RST with 10 module red/amber & blue amber BSSP2ZJA package shall be installed rear facing. A Setina PB400 push bumper with four (4) warning light heads shall be furnished/installed on the front bumper. The contractor shall use WeCanX expansion module(s) as needed to simplify the layout. Contractor shall furnish/install one (1) 60CREGCS interior 6" dome light, selectable red/white illumination.

A Troy products CC25TH-0912-OS widebody equipment console shall be furnished/installed. All equipment brackets/mic holders/dual cupholder/USB power/etc shall be provided for a fully functional setup.

The contractor shall install the department provided Motorola APX8500 mobile radio and antenna. Correct

equipment mounting bracket for the control head shall be included within the console.

The custody transport system shall consist of a Setina PK1156TAH21 #10XL front partition, QK2041TAH21 replacement seat/rear partition and center pull smart belts, TPO door panels and poly window barriers. The rear cargo section shall be equipped with at Setina TFN-BSC cargo storage system TK0244TAH21

15. Color Paint: White
16. Custom Vinyl Decals: Development and production of 3M vinyl decals utilizing reflective control tach products. Item developed shall be reviewed by the Sheriff Division representative prior to production and placement onto vehicle to ensure specifications and products meets or exceeds what is currently in use by the Sheriff Division. Please see the photograph below for reference as what is expected to be developed and produced.





17. Other: 4 complete sets of keys.  
2.1/2 lb. ABC dry chemical fire extinguisher mounted on removable brackets inside vehicle.  
Division project manager at the time of award/order.
18. Manufactures Warranty (minimum) 3 year 36,000 mile bumper to bumper,  
5 year 100,000 mile Drive train
19. Delivery: Dealer shall transport vehicle to the following location after acceptance by Sheriff Division project coordinator Sgt. Bruce Yonesaki:
- Sheriff Division Administration  
715 South King Street Suite 410  
Honolulu HI 96813