



## Request for Bids

### 2016 Ford Interceptor Utility AWD with Police Package

**Quantity: 2**

Date Issued  
October 26, 2015

Scaled Bid Submittal Due Date  
November 12, 2015

By 2:00 p.m.

To  
Finance Department  
City of St. Helena  
1480 Main Street  
St. Helena, CA 94574

*Tracey Perkosky*

Tracey Perkosky, Grants Manager

10/26/15

Date

**City of St. Helena**  
Finance Department  
1480 Main Street | St. Helena, California | 94574

**Request for Bids –**

**New 2016 Ford Interceptor Utility AWD with Police Package; Quantity: 2**

Sealed bids will be accepted for the purchase of a new utility pickup. Sealed bids will be received until 2:00 p.m. on Thursday, November 12, 2015 at which time bids will be publicly opened and read aloud at City Hall. Bids are hereby invited for the following **2016 Ford Interceptor Utility AWD**:

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**Line Item Specifications (Table 1)**

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New 2016 Law Enforcement Ford Interceptor Utility SUV All Wheel Drive (AWD) with Police Package that meets State of California Specifications for 2310-3116R1 (Attachment "A")  
Front Headlamp Lighting Solution (66A)  
Pre-Wiring for Front Headlamp Lighting Solution (60A)  
Two-Tone Vinyl Package #3 (91C)  
Blind Spot Monitoring w/Cross Traffic Alert (55B/54Z)  
Rear Lighting Solution (66C)  
Spot Lamps – Dual LED Utility (51S)  
SYNC – Voice Activated Communications (53M)  
Hidden Door-Lock Plunger w/Rear Door Handles Inoperable (52P)  
Dome Lamp – Red/White in Cargo Area (17T)  
Keyed Alike – Code 1284X (59B)  
Window – Rear Window Power Delete (18W)  
Ballistic Door Panel Delete  
Extended Powertrain Warranty, 5 year/100,000 miles

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Bids must be received by the City Clerk at the City of St. Helena City Hall, 1480 Main St., St. Helena, CA 94574, no later than 2:00 p.m., Thursday, November 10, 2015. *Sealed* bids shall be submitted to the Finance Department and shall be identified on the outside of the envelope by the following:

**(Bidder Name)**  
**Police Department Interceptor - SUV**

The City reserves the right to reject any or all of the Bids and to accept the lowest or best Bid. Any deviation from the Bid form or specifications may render the proposal non-responsive.

Bids are accepted at a City Council meeting and, if awarded, a Purchase Order will be issued within 7 days.

Purchasing Contact:

Tracey Perkosky  
Finance Department  
(707) 968-2627  
tperkosky@cityofsthelena.org

**2016 Ford Interceptor Utility AWD**

\_\_\_\_\_ (Dealership) proposes and agrees to furnish the City of St. Helena, subject to acceptance of this Bid and subsequent to the proper issuance by the City of a Purchase Order to this dealership, **2016 Ford Interceptor Utility AWD** as described in the Request for Bid and in this Bid:

	<b>Police Interceptor</b>
Price for all items listed in Bid (Table 1)	\$
Documentation & registration fees (Exempt plates)	\$
Sales Tax	\$
Delivery Charge (Optional Item, City May Choose to Pick-Up Vehicles)	\$
<b>Total Price <u>per Vehicle</u>*</b>	<b>\$</b>

Total Price\* per Vehicle in Words: \_\_\_\_\_

**This bid is for two (2) vehicles.**

\*Includes California sales tax, documentation and registration fees, destination, dealer preparation and other charges.

The City agrees that should the vehicles acquired require repairs or service under warranty, that work will be performed in an authorized facility. Please write the closest authorized facility below:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

The vehicle will be furnished in accordance with the City's specifications in its Request for Bids. Vehicle must be ready for pick-up or delivered (if that option is selected) within 120 days of vendor receipt of purchase order. For each day late, the vendor will pay a \$250 per day penalty.

This Bid will remain in effect for forty-five (45) days from the date shown below. Our terms of payment are net cash within (20) days of delivery to, and acceptance of the completed unit by, the City.

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Authorized Signature

I certify that I am authorized to make this Bid on behalf of the dealership.

Dealer Name and Address:	
Authorized Representative:	
Title :	
Date:	
Telephone:	



**STATE OF CALIFORNIA  
BID SPECIFICATION  
UTILITY VEHICLE, LAW ENFORCEMENT  
HIGH SPEED POLICE PURSUIT**

2310-3116R1

**1.0 SCOPE:**

This specification describes the State of California minimum requirements for an **all or rear wheel drive** utility vehicle to be used in high-speed highway traffic and general law enforcement work. The vehicle will at times be operated at speeds in excess of 100 miles per hour for both short and long durations. It will be driven on all types of roads, and road surfaces and at altitudes ranging from approximately 200 feet below sea level to 10,000 feet above sea level. Ambient temperatures to which the vehicle will be exposed will range from approximately 0°F to 120°F.

The manufacturer shall use components, materials and design practices that are the best available in the industry for the type of operational conditions to which the vehicles will be subjected. Engine, transmission, driveline, differential, brake, suspension, wheel, tire and other component parts of the vehicle shall be selected to give maximum performance, service life, as well as safety and not merely meet the minimum requirements of this specification. Where necessary, the component parts shall exceed the usual quantity, quality, or capacity generally supplied with standard production vehicles in order to withstand the unusual strain, exposure, temperature, wear and use required for a police application.

**2.0 RULES AND REGULATIONS:**

Vehicles shall comply with all applicable California Vehicle Code (CVC), Code of Federal Regulations, Title 49, "Federal Motor Vehicle Safety Standard" (FMVSS) and California Code of Regulations, Title 13, "Motor Vehicles" rules and regulations (except emissions regulations). Vehicles shall also comply with Society of Automotive Engineers (SAE) J 1100, "Motor Vehicle Dimensions" in addition to all other applicable SAE standards. In addition, all vehicles shall comply with all other Federal and State rules, regulations and safety standards applicable to the vehicle type in effect on the date of the opening of the invitation for bid. Vehicles shall meet 50 State emissions requirements that allow the resale of these vehicles to the general public as originally equipped upon emergency vehicle "service life" completion.

**3.0 VEHICLE:**

All vehicles offered in compliance with these specifications shall be the manufacturer's "Police Pursuit Utility Vehicle" rated model and shall be suitable for high-speed pursuit and emergency driving. All vehicles shall meet the following minimum specifications:

**4.0 REQUIREMENTS:**

**4.1 General:** Each vehicle shall be new (unused), current model year production. Each vehicle shall be supplied with all equipment and accessories indicated as standard equipment in the manufacturer's published literature unless specifically deleted as stated in this specification. Optional equipment necessary to meet the requirements of this specification shall also be installed.

**4.2 Engine:** The engine shall be a **manufacturer's "Police Package"** configuration equipped with altitude compensating electronic fuel injection.

The engine shall have a displacement, to be determined by the manufacturer, sufficient so that all performance requirements described in Section 1.0, Scope and Section 4.26, Performance Requirements are achieved.

The engine shall be designed to operate knock free at all engine and vehicle speeds on unleaded fuel with a minimum octane rating of 87 (RM + MM ÷ 2).

- 4.3 **Engine Oil Cooler:** An auxiliary engine oil cooler shall be installed if required to maintain oil operating temperatures ≤ 300°F, under operating conditions described in the Section 1 of this specification.
- 4.4 **Fuel Supply System:** The fuel supply system shall be of such a design to eliminate vapor lock when the engine is operating in high ambient temperatures or during periods of extended idling.
- 4.5 **Fuel Tank:** The fuel tank furnished shall be the largest capacity available.
- 4.6 **Cooling System:** The cooling system shall be liquid pressurized, forced circulation type. The manufacturer shall provide the heaviest duty cooling system components and recovery system applicable to the model offered. The cooling system design and capacity shall maintain the engine at optimum temperature, under all operating conditions specified, without any loss of coolant or overheating of engine and components. The cooling system shall be free of contaminants that may affect cooling system component longevity and performance. Optimum engine temperature shall be maintained with the vehicle loaded to the vehicle manufacturer's published maximum gross vehicle weight rating (GVWR) and continually operated in all operating environments described within the scope of this specification.
- 4.7 **Electrical System:** The electrical system shall be 12 volt negative ground. All wiring shall include weather proof connectors.

The vehicle battery shall be the optional heaviest duty type available, compatible with the vehicle charging system and intended for police service. The vehicle battery shall have a minimum of 660 cold cranking amps, with a manufacturing date not exceeding six (6) months prior to vehicle delivery. Vehicles will not be accepted with batteries exhibiting less than 90 percent of full charge at time of delivery.

The generator/alternator shall be the highest capacity optional generator/alternator listed in the manufacturer's current police package brochure applicable to the vehicle bid. It shall have a minimum 160 amp output.

- 4.8 **Transmission:** The transmission shall be fully automatic transmission equipped with auxiliary transmission fluid coolers, if necessary, to maintain oil operating temperatures not to exceed 275°F, maximum. Console or floor mounted shifters are acceptable, but must be capable of allowing the installation of CHP radio and equipment.
- 4.9 **Steering:** The power steering system shall be equipped with a fluid cooler, if necessary, to maintain power steering fluid operating temperatures not to exceed 300°F, maximum.
- 4.10 **Brakes:** The brakes shall be power assisted and feature an anti-lock brake system (ABS). All four wheels shall be equipped with disc brakes. Friction material shall be designed for police applications.
- 4.11 **Wheels and Tires:** Each vehicle shall be supplied with five (5) matching wheels and tires. One (1) of the five (5) shall be a matching full size wheel and spare tire. A space saver type spare tire is not acceptable. The wheels shall have a safety ridge rolled into the rim or otherwise designed to prevent the tire from separating from the wheel in the event of a flat. Wheels shall be steel construction, designed for police applications. Lug nuts shall be covered with a center cap. Manufacturer's standard Tire Pressure Monitoring System shall be supplied. If a tire pressure

activation tool is needed to reset the light on the tire pressure monitoring system, one tool shall be provided for each vehicle as part of this requirement.

The vehicle manufacturer shall test and certify tires as acceptable for original equipment and replacement installation on the police package vehicle specified in this invitation for bid.

Any wheel weights used shall be "non-lead" type.

- 4.12 **Suspension:** The front and rear suspension including shock absorbers shall be designed for police work. Front and rear stabilizer bars are required.
- 4.13 **Differential:** The differential shall be the conventional type, ring and pinion gears, with a ratio designed to give the best overall performance for the transmission and tire size installed on vehicle. The gear ratio shall be the same on all vehicles.
- 4.14 **Radio Suppression:** The system shall not cause or be affected by any electrical magnetic interference (EMI) or radio frequency interference (RFI) including but not limited to the following radio frequencies currently in use by CHP vehicles:

- Low Band: 39 - 46 MHz Transmit and Receive
- Repeaters: 153 -155 MHz Transmit and Receive
- Radio, UHF 440 - 490 MHz Transmit and Receive
- Allied Radio 806 - 870 MHz Transmit and Receive
- Allied Radio 581 - 866 MHz Transmit and Receive
- Allied Radio 159 - 173 MHz Transmit and Receive
- Allied Radio 150 - 174 MHz Transmit and Receive
- Radio / Repeater 764 - 806 MHz Transmit and Receive
- Canines 26 - 28 MHz Receive
- Canines 303.9 MHz Receive
- Computers: 896-901 MHz Transmit, 935-940 MHz Receive
- Canines: 303.875 MHz Receive

The system should not cause more than one (1) dB of radio degradation at the antenna whether it be radiated or conducted radio frequency interference (RFI), or electromagnetic interference (EMI). If the system causes any two or all three types of interference, the total combined allowable receiver degradation is 1 dB at all CHP frequencies.

See Exhibit 2 for radio degradation testing details.

- 4.15 **Body:** The body shall be a four door, sport utility with center post. Protective body side molding shall not be installed on the vehicle. This is to permit installation of an Agency insignia (33" long by 20" high) without trim interference.

The wheel wells shall be constructed so that OEM approved tire chains or cables may be installed in a conventional manner, without clearance problems and without causing body or structural damage to the vehicle.

- 4.16 **Exterior Color:** The body shall be painted manufacturer's gloss black. The roof panel and lower portion of both front doors below the window belt line shall be painted manufacturer's gloss bright white. After-factory applied paint to accomplish the white portion of the two-tone paint scheme is acceptable if factory applied black and white two-tone paint configuration is unavailable from the manufacturer.

- 4.17 **Interior/Seat Upholstery:** Front seats shall be bucket type accommodating the installation of a center console by the end user. A 60/40 split bench / bucket type seat is not acceptable. The driver's seat shall be power adjustable and shall be designed for maximum comfort, support and durability. **The front and rear seat shall be the manufacturer's standard cloth upholstery. (A vinyl rear set is acceptable provided the manufacturer warranties the vinyl seat material against sun and heat damage for not less than three (3) years.)**
- 4.18 **Speedometer:** The vehicle described in this specification will be used in law enforcement and speedometer accuracy is essential. The speedometer shall be calibrated and be accurate within two (2) miles per hour at speeds from 15 to 100 miles per hour of the true vehicle speed, within the environmental operating conditions specified in Section 1.0 Scope. The dial face shall be marked up to a minimum of 140 miles per hour. The design of the speedometer shall be such to insure accuracy throughout the life of the vehicle. The face markings shall be in increments no greater than two (2) miles per hour. If the manufacturer has available a digital display speedometer, the vehicle shall be so equipped. A letter of certification of accuracy shall be provided with each unit and shall be applicable to both digital and analog displays. The bidder shall specify the size of tires for which the speedometer is certified. The speed indicator pointer shall not cover more than a two mile per hour section of the scale.
- 4.19 **Payload:** The vehicle shall have a minimum payload of 1500 lbs when configured in the standard Police Pursuit rated version.
- 4.20 **Radio:** Vehicle shall be factory equipped with the factory base radio and at least two (2) front mounted radio speakers and two (2) rear mounted radio speakers.
- 4.21 **Spotlights:** The vehicle shall be supplied with factory standard driver and passenger A-Pillar incandescent installed spotlights.
- 4.22 **Hood-Latch Release:** The hood latch release shall be mounted inside the front passenger compartment so that the hood can not be readily opened from outside the vehicle. The release shall be readily accessible to the seated driver.
- 4.23 **Floor Covering:** The floor covering of the front and rear floor may be standard rubber, vinyl or carpet. The color shall be keyed to the upholstery color. OEM floor mats shall be included for carpeted vehicles.
- 4.24 **Interior Area:** The Vehicle shall be equipped with 1st and 2nd row seats only, and shall have a seating capacity of minimum 5.
- 4.25 **Miscellaneous Equipment:** The vehicle shall be equipped with the following miscellaneous equipment:
- Backup camera with display
  - Reverse sensing
  - Heated driver and passenger mirrors
  - Tilt steering wheel
  - Fresh air type heater and defroster. Refrigeration air conditioning of a size and type recommended and installed by the manufacturer of the vehicle.
  - Intermittent windshield wiper system.
  - Fuel level and water temperature indicator gauges.
  - 12-volt DC power outlet in front compartment.

- **Ballistic Door Panels (left front and right front doors), threat level 3 or better. (Door Panels shall meet and pass National Institute of Justice Certification level III test standards. Testing certification shall be provided upon request.)**
- Cruise control
- Dual electric horns or dual note horn.
- Headlight wigwag capability.
- Map/dome/courtesy light(s) which provide the following functions:
  - When vehicle front doors are opened, none of the interior map/dome/courtesy light(s) shall illuminate automatically.
  - At least one map/dome/courtesy light (at both front and second row) that shall be manually operated to illuminate the seating areas.
- Quick release style driver's side inside door handle to allow the driver's door to be unlocked by pulling on the inside handle.
- Driver and front passenger front impact air bag.
- Driver and front passenger side impact air bag.
- All four (4) doors shall contain power locking and unlocking mechanisms controlled by switches located on the driver's side door control panel.
- All four windows shall be power actuated and controlled from the driver's side door control panel with a lockout feature to prevent other windows from being operated when locked out by the driver.
- Rear window defogger/defroster on a separate switch.
- The vehicle shall use the same single key for ignition, doors, rear, and glove box (if vehicle includes). A set of four (4) total keys shall be supplied for each vehicle. Each vehicle shall be keyed individually.
- Arm rests on each of the four (4) doors (arm rests in rear passenger compartment may be mounted on other than the door if vehicle is so designed).
- Left and right remote control outside mirrors. Similar in appearance and mounted on left and right front doors. Both mirrors shall be controllable from the driver's seat.
- Windshield and all windows shall feature tinted glass.
- Light in rear cargo area with rear cargo door actuated switch.
- Standard tool kit including wheel changing tools and jack adequate to safely lift the vehicle.

**4.26 Performance Requirements:** See Exhibit 1 for testing methodology.

**4.26.1 All vehicles shall meet the following Acceleration and Top Speed requirements:**

- 0 to 60 miles per hour in 9.0 seconds or less.
- 0 to 100 miles per hour in 23.0 seconds or less.
- 50 to 100 miles per hour in 20.0 seconds or less.
- Attain a top speed of not less than 125 miles per hour within a distance of two (2) miles.
- 0 to 60 miles per hour in 11.0 seconds or less at approximately 6,000 feet of elevation.

**4.26.2 All vehicles shall be tested for the following Vehicle Dynamics:**

- Steering- Response, Road Feel
- Suspension- Roll Resistance, Front-end Dive, Rear-end Squat
- Handling- High-speed Curves, Medium-speed Curves, Tight Cornering, Predictability

4.26.3 All vehicles shall meet the following **Braking** requirements/tests.

**ABS Braking:**

- Full ABS stop from 90 MPH. Stopping distance shall not to exceed 350 feet
- Vehicle stops in a straight line

**Disc Brake Piston Knock Back Testing:**

- Excessive Brake Pedal Travel
- Braking System Provided Acceptable Stopping Power
- Steering Pull or Wheel Lock-Up

**Pursuit Course Testing:**

- Excessive Brake Pedal Travel
- Braking System Provided Acceptable Stopping Power
- Steering Pull or Wheel Lock-Up