



Request for Bid (RFB)

Boone County Purchasing
613 E. Ash Street, Room 109
Columbia, MO 65201

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Bid Data

Bid Number: **16-23MAR17**
Commodity Title: **Emergency Vehicle Equipment & Electronics/Accessories
Installation**

DIRECT BID FORMAT OR SUBMISSION QUESTIONS TO THE PURCHASING DEPARTMENT

Bid Submission Address and Deadline

Day / Date: **Thursday, March 23, 2017**
Time: **10:30 A.M. (Bids received after this time will be returned
unopened)**
Location / Mail Address: **Boone County Purchasing Department
Boone County Annex
613 E. Ash Street, Room 109
Columbia, MO 65201**
Directions: The Purchasing office is located on the Northwest corner at 7th Street
and Ash Street. Enter the building from the South side. Wheel chair
accessible entrance is available.

Bid Opening

Day / Date: **Thursday, March 23, 2017**
Time: **10:30 A.M. C.S.T.**
Location / Address: **Boone County Annex
613 E. Ash Street, Room 109
Columbia, MO 65201**

Bid Contents

- 1.0: **Introduction and General Conditions of Bidding**
 - 2.0: **Primary Specifications**
 - 3.0: **Response Presentation and Review**
 - 4.0: **Response Form**
- Standard Terms and Conditions**
Attachment A – Prior Experience

1. **Introduction and General Conditions of Bidding**

1.1. **INVITATION** - The County of Boone, through its Purchasing Department, invites responses, which offer to provide the goods and/or services identified on the title page, and described in greater detail in Section 2.

1.2. **DEFINITIONS**

1.2.1. **County** - This term refers to the County of Boone, a duly organized public entity. It may also be used as a pronoun for various subsets of the County organization, including, as the context will indicate:

Purchasing - The Purchasing Department, including its Purchasing Director and staff.

Department(s) or Office(s) - The County Department(s) or Office(s) for which this Bid is prepared, and which will be the end user(s) of the goods and/or services sought.

Designee - The County employee(s) assigned as your primary contact(s) for interaction regarding Contract performance.

1.2.2. **Bidder / Contractor / Supplier** - These terms refer generally to businesses having some sort of relationship to or with us. The term may apply differently to different classes of entities, as the context will indicate.

Bidder - Any business entity submitting a response to this Bid. Suppliers, which may be invited to respond, or which express interest in this bid, but which do not submit a response, have no obligations with respect to the bid requirements.

Contractor - The Bidder whose response to this bid is found by Purchasing to meet the best interests of the County. The Contractor will be selected for award, and will enter into a Contract for provision of the goods and/or services described in the Bid.

Supplier - All business(s) entities which may provide the subject goods and/or services.

1.2.3. **Bid** - This entire document, including attachments. A Bid may be used to solicit various kinds of information. The kind of information this Bid seeks is indicated by the title appearing at the top of the first page. A "Request for Bid" is used when the need is well defined. A "Request for Proposal" is used when the County will consider solutions, which may vary significantly from each other or from the County's initial expectations.

1.2.4. **Response** - The written, sealed document submitted according to the Bid instructions.

1.3. **BID CLARIFICATION** - Questions regarding this Bid should be directed in writing, by e-mail or fax, to the Purchasing Department. Answers, citing the question asked but not identifying the questioner, will be distributed simultaneously to all known prospective Bidders in the form of an addendum. We strongly suggest that you check for any addenda a minimum of forty eight (48) hours in advance of the bid deadline. Bids, addendums, bid tabulations and bid awards are posted on our web site at: www.showmeboone.com

Note: written requirements in the Bid or its Amendments are binding, but any oral communications between County and Bidder are not.

1.3.1. **Bidder Responsibility** - The Bidder is expected to be thoroughly familiar with all specifications and requirements of this Bid. Bidder's failure or omission to examine any relevant form, article, site or document will not relieve them from any obligation regarding this Bid. By submitting a Response, Bidder is presumed to concur with all terms, conditions and specifications of this Bid.

1.3.2. **Bid Amendment** - If it becomes evident that this Bid must be amended, the Purchasing Department will issue a formal written Amendment to all known prospective Bidders. If necessary, a new due date will be established.

1.4. **AWARD** - Award will be made to the Bidder(s) whose offer(s) provide the greatest value to the County from the standpoint of suitability to purpose, quality, service, previous experience, price, lifecycle cost, ability to deliver, or for any other reason deemed by Purchasing to be in the best interest of the County. Thus, the result will not be determined

by price alone. The County will be seeking the least costly outcome that meets the County needs as interpreted by the County. The County reserves the right to award this bid on an item by item basis, or an “all or none” basis, whichever is in the best interest of the County.

1.5. CONTRACT EXECUTION - This Bid and the Contractor’s Response will be made part of any resultant Contract and will be incorporated in the Contract as set forth, verbatim.

1.5.1. Precedence - In the event of contradictions or conflicts between the provisions of the documents comprising this Contract, they will be resolved by giving precedence in the following order:

- 1) the provisions of the Contract (as it may be amended);
- 2) the provisions of the Bid;
- 3) the provisions of the Bidder’s Response.

1.6. COMPLIANCE WITH STANDARD TERMS AND CONDITIONS - Bidder agrees to be bound by the County’s standard “boilerplate” terms and conditions for Contracts, a sample of which is attached to this Bid.

2. Primary Specifications

- 2.1. ITEMS TO BE PROVIDED** - Boone County, hereafter referred to as "County," proposes to contract with an individual(s) or organization(s), hereinafter referred to as "Contractor" for a Term and Supply contract for the furnishing of **Emergency Vehicle Equipment & Electronics/Accessories Installation** as specified herein.
- 2.1.1. **Quantity** – The County does not guarantee a minimum volume for purchases under a prospective contract. The quantity of new vehicles purchased each year varies, but ranges from approximately 5 to 15. In addition, the County reserves the right to purchase Emergency Vehicle Equipment & Electronics/Accessories Installation services from other vendors when the County deems the purchase necessary.
- 2.2. The unit prices for the items identified on the Response Form shall remain fixed for the identified original contract period. If the County exercises the option for renewal, the contractor shall agree that the prices for the items listed on the Response Form shall not increase by more than the prices noted on the Response Form for the 1st and 2nd Renewal Periods.
- 2.2.1. If renewal prices are not provided, then prices during any renewal period shall be the same as during the original contract period.
- 2.3. CONTRACT PERIOD** – Any Term and Supply Contract resulting from this Bid will have an initial term from **date of award through December 31, 2017** and may be automatically renewed for up to an additional **two (2) one-year periods** unless canceled by the Purchasing Director in writing prior to a renewal term.
- 2.4. CONTRACT EXTENSION** – The County Purchasing Director may exercise the option to extend the contract on a month-to-month basis for a maximum of six (6) months from the date of termination if it is deemed to be in the best interest of Boone County.
- 2.5. CONTRACT DOCUMENTS** - The successful bidder(s) shall be obligated to enter into a written contract with the County within 30 days of award on contract forms provided by the County. If bidders desire to contract under their own written agreement, any such proposed agreement shall be submitted in blank with their bid. County reserves the right to modify any proposed form agreement or withdraw its award to a successful bidder if any proposed agreement contains terms and conditions inconsistent with its bid or are unacceptable to county legal counsel.
- 2.6. PRICING** – All prices shall be as indicated on the Response Form. The County shall not pay nor be liable for any other additional costs including but not limited to: taxes, packing, handling, shipping and freight, insurance, interest, penalties, termination payments, attorney fees, liquidated damages, etc. Additionally, the County shall not be subject to any minimum quantities or total prices.
- 2.6.1. The contractor shall extend any and all special promotional sale prices or discounts immediately to the County during the term of the contract. These prices shall be honored for the duration of the specific sale or discount period.
- 2.7. GENERAL INFORMATION REGARDING THE FLEET & SCOPE OF BID:**
- 2.7.1. The scope of work involves the installation of law enforcement specific and/or emergency equipment in Boone County Sheriff Department's vehicles.
- 2.7.2. In 2013 the Boone County Sheriff's Department began transitioning to an all Ford fleet of trucks, sedans and SUV's. The intent behind this is so that all equipment in a specific vehicle platform is set up the same. This allows a deputy to transfer from vehicle to vehicle with ease due to standardization of equipment (officer safety must be kept in mind at all times

when installing equipment.) Bidders are urged to keep this in mind while bidding as the County will need each vehicle to be upfit in the same manner, even across platforms, as is practical and possible.

- 2.7.3. The terms "Utility" and "Sedan" will typically refer to a Ford Interceptor Utility and Ford Interceptor Sedan. The county reserves the right to select other vehicles to fulfill specialized needs associated with the fleet. For example, we intend to replace one Chevrolet Tahoe PPV in 2017.
- 2.7.4. All electronic equipment shall be wired per both the equipment and vehicle manufacturers' specifications as not to void applicable warranties.
- 2.7.5. The Boone County Sheriff's Department primarily utilizes Whelen emergency equipment (emergency lighting, siren speakers, and siren controllers). The Whelen Control is the primary siren controller used in the marked enforcement vehicles. As outlined in the *Whelen Distributor Agreement for Whelen CanTrol Siren/Controller Systems*, installation of the Control must be completed by an authorized distributor's direct employee who has received training by Whelen personnel.
- 2.7.6. If, during installation of any equipment, penetration of the vehicle's exterior occurs, all holes in the exterior body must be sealed upon completion of the install.
- 2.7.7. During installation, the contractor will be permitted to cut or modify interior plastic trim panels for the purpose of installing equipment. For example, the plastic b-pillar panels must be drilled to accommodate the Pro-Gard partition mounting brackets. In addition, plastic interior trim panels may be modified to accommodate wiring if the goal is to reduce stress or prevent damage to aftermarket wiring.
- 2.7.8. If damage to the vehicle occurs during the upfit process, the contractor will be responsible for repairing the damage if it resulted from something outside the normal scope of the equipment manufacturer's instructions.
- 2.7.9. The contractor should have enough storage space to accommodate equipment drop-shipped to the contractor. Drop-shipped items might include prisoner partitions, plastic seats, plastic floor pans, consoles, computer bases, light bars, siren controllers, and rifle locks. The county may purchase fleet equipment for an entire year of upfits. The contractor should be able to store that equipment if necessary.
- 2.7.10. Upon delivering the vehicle to the contractor, the Fleet Manager may provide the contractor with a checklist for the vehicle upfit. The purpose of the checklist is to ensure the Fleet Manager and upfitter are in agreement as to how the vehicle equipment is supposed to be installed, arranged, and configured. The checklist will also assist in maintaining consistency between the vehicle builds and verifying completion of work.

- 2.8. MINIMUM CONTRACT REQUIREMENTS** - The contractor shall perform all services listed below on an as needed basis. Costs for said services must include all tools, supplies and labor.
- 2.8.1. All wiring connections shall be made by way of a factory harnesses, custom harnesses or connected by a heat shrinkable butt connector, soldered and shrink wrapped, or other device/method approved by the County (No scotch lock-type connectors allowed). All exterior connections must be protected from corrosion. All connections must pass a pull test.
- 2.8.2. All systems shall be tested after installation with the ignition off and system off to check for parasitic voltage draw.
- 2.8.3. All equipment shall be properly protected with the appropriate size fuse and/or circuit breaker per manufacturer's specifications.
- 2.8.4. All wiring shall be sized to the equipment manufacturer's specification(s.)
- 2.8.5. Unless otherwise stated, the County will provide all the equipment for the installation. The contractor will be responsible for miscellaneous hardware (i.e. clamps, nuts, bolts, screws, etc. not already included with new or transferred equipment), **all (primary and secondary) wire not provided as part of an aftermarket harness and all fuses that are necessary to complete the installation.**
- 2.8.6. As needed, shop supplies such as wire connectors, relays, solder, wire, fuse holders, distribution blocks, loom, switches, etc., **shall be included within the full vehicle upfit package per unit pricing.** The County shall not be billed per item for any fittings or wiring necessities to complete the installation.
- 2.8.7. The contractor may utilize their own custom bracketry and/or other custom components if they believe such items increase their efficiency and/or the quality of the vehicle upfit. If the contractor desires to bill the County separately for the use of such items, approval from the Fleet Manager will be necessary prior to use. The Fleet Manager may request additional information as to why the brackets are necessary. If requested, the custom items will be itemized on an equipment invoice.
- 2.8.8. Upfit wiring system must include a main disconnect or some type of single point, or single location, connection to the factory 12-volt system. This is done so any vehicle OEM electrical problems can be quickly and safely separated from aftermarket equipment by a County representative or factory servicing dealer. Any alternatives to this section must be approved by the Fleet Manager.
- 2.8.9. All cabling must be routed behind body trim or other channels as to protect it from normal daily traffic abuse as well as potential vandalism from a combative prisoner.
- 2.8.10. If applicable to OEM vehicle wiring, and available as a feature in the aftermarket hardware, all vehicles must have the siren park kill and horn ring transfer features installed as well as any other officer safety feature (as a feature of provided equipment) requested by the fleet manager at the time of vehicle drop off (County will deliver all vehicles to contractor under this contract).

- 2.8.11. All bid responses must include disassembly and reassembly of vehicle parts built into the full vehicle upfit package pricing. The County will not pay a separate labor charge for disassembly and reassembly performed during a full vehicle upfit.
- 2.8.12. Any specifics pertaining to equipment locations will be defined by the Boone County Sheriff's Department Fleet Manager at the time of vehicle drop off. Once agreed upon all like vehicles are to be upfitted in the same manner.
- 2.8.13. The contractor shall provide a per vehicle full upfit rate per the details in sections 2.8.12. – 2.8.17. If the bidder provides a no bid response to any individual section, the bidder must attach some type of supplemental documentation containing an explanation of the no bid.
- 2.8.14. Bidder shall state time involved in installing/upfitting a complete patrol vehicle (in calendar work week days) on Bid Response page.
- 2.8.15. The contractor may be asked to provide the Boone County Sheriff's Department Fleet Manager with a wiring diagram of vehicle. In lieu of a printed wiring diagram, prior to acceptance of vehicle post install, a representative of the contractor will provide the Fleet Manager with a detailed walk-thru of all components, fuse locations, power distribution points, etc.
- 2.8.16. If any equipment is determined to be defective after installation, not by fault of contractor, the contractor will be allowed to bill the County separately for the removal of the defective item and subsequent installation of a functioning item. The contractor is encouraged to test equipment prior to installation (as much as is practical given the complexity and configuration of multiple components of some items.) It will be the responsibility of the contractor to communicate such issues with the Boone County Sheriff's Department Fleet Manager as soon as possible.
- 2.8.17. The contractor shall thoroughly vacuum the vehicle after the install to remove any debris discharged inside the vehicle during the installation.
- 2.8.18. Any additional equipment, or changes in what is specified herein, must be documented and agreed upon by both parties in writing, prior to the work being done, with any additional charges being documented and agreed upon as well.
- 2.8.19. The contractor shall not sub-contract any work on Boone County vehicles without the consent of the Boone County Sheriff's Department Fleet Manager.
- 2.8.20. The contractor shall provide the services responded to in this bid and identified on the Response Form.
- 2.8.12 **CONFIGURATION #1: ENFORCEMENT UTILITY**
The Bidder shall provide a response on the Response Form for the full installation/upfit of a fully marked enforcement utility as detailed in this section.
- 2.8.12.1. Whelen headlight flasher (model SSFFP16 or similar chosen by the Fleet Manager) to alternately flash the Ford high-beams.

- 2.8.12.2. Whelen Vertex, Whelen Ion, or similar Whelen products in factory police headlamp housing. Each headlamp housing may accommodate one or more Whelen lights.
- 2.8.12.3. Whelen Microns (stud mount, 1 red, 1 blue) on exterior of front grill.
- 2.8.12.4. Whelen Ions (1 red, 1 blue) flush mounted into bottom of rear lift gate.
- 2.8.12.5. Whelen Legacy (56"), Liberty (48.5"), or similar light bar mounted to top of vehicle (cable routed through top via a drilled hole to reduce wind noise.)
- 2.8.12.6. Whelen CanTrol siren (or CenCom Gold, Sapphire, Carbide, etc.), includes siren programming for proper operation and light output. The Fleet Manager may specify the programming or configuration of the siren controller.
- 2.8.12.7. Whelen Howler low frequency siren with vehicle specific mounting bracket. The Whelen Howler needs to be setup to deliver a 30 second cycle when activated.
- 2.8.12.8. Whelen SA315P 100-watt siren speakers (quantity 2) mounted on front of vehicle. If possible, a vehicle specific mounting bracket(s) will be utilized. The exact location of the speaker(s) will be chosen by the Fleet Manager and may change during the contract based on vehicle manufacturer design changes.
- 2.8.12.9. Pro-Gard (or similar) prisoner transport seating system with the following components: front partition with sliding polycarbonate window, a recessed space-saver panel, and steel extension panels. The rear partition will have a steel screen and seat mount kit. A plastic (ABS) seat and floor pan will be utilized.
- 2.8.12.10. Connection of four Ford Interceptor steering wheel switches (if equipped) to siren or external relay for secondary control of lighting features as specified by Fleet Manager.
- 2.8.12.11. Pro-Gard Tri-Lock (or Setina Dual T-Rail) vertical gun locks mounted to the recessed panel of partition. Each gun lock will be individually controlled and timed by the siren controller. The gun locks should only work with vehicle ignition present.
- 2.8.12.12. Up to four Whelen Vertex LED (two red, two blue), or similar, mounted into factory police tail light housings, set to alternate. Each tail lamp housing may accommodate one or two Whelen lights.
- 2.8.12.13. Ruggedized cellular modem/router (Cradlepoint or similar) mounted on partition in reach of driver. Modem will typically be mounted on the front of the partition, behind the front passenger seat.
- 2.8.12.14. Panorama MIMO, Sharkee (or similar) cellular/wifi/gps antenna drilled into top of vehicle center. Location to be specified by Fleet Manager.
- 2.8.12.15. L-3 DVR with all associated peripherals:
 - DVR mounted in console. (1" reveal)
 - Front camera mounted to windshield.
 - Rear camera mounted inside prisoner seating area (mounted at the clothes hanger hook above the driver-side rear door).

- Wired external microphone mounted inside prisoner seating area.
 - Body microphone docking stations (two) mounted on console.
 - Monitor mounted to headliner.
 - Crash sensor/battery mounted to floor of front passenger footwell.
 - L-3 ferrite chokes also to be installed on both cameras and tested for RFI.
 - Antenna installed (drill through) on roof.
 - Siren and emergency light interface (via L3 siren interface module or siren controller).
- 2.8.12.16. Two flashlight charging cradles (per available County inventory at the time of install, but generally one Streamlight Stinger (or similar sized light) mounted within reach of the driver. A second flashlight charger may be mounted near the rear cargo area of the vehicle.
- 2.8.12.17. Havis ChargeGuard to control modem and docking station.
- 2.8.12.18. Auxiliary lighting in prisoner area controlled by siren lighting controller.
- 2.8.12.19. For each vehicle, the Fleet Manager will specify one of two options for the rear cargo area of the vehicle:
- 2.8.12.20. Rear cargo area option #1: Custom manufactured weapons security drawer in rear cargo area. These drawers are of an elevated design and mount to factory bolt locations. They are designed to work with the Pro-Gard brand rear cargo divider. If this option is utilized, the mobile radio transceiver, siren controller, and Howler module will be mounted on the front side of the rear partition, under the plastic prisoner seat.
- 2.8.13. Rear cargo area option #2: The Fleet Manager will provide a hinged equipment tray to accommodate the aftermarket electronics (mobile radio transceiver, siren controller, Howler module, distribution block, ChargeGuard, etc.). The legs of the tray will bolt to the rear prisoner partition. In this option, there are no electronics mounted under the seat and there is no cargo drawer. The contractor will provide an appropriately sized piece of plywood (or similar wood material) for use inside the tray. Alternately, the various electrical components may be bolted directly to the equipment tray. A manual gun lock release button (controlled by a 12v ignition source) will be added to the interior of the tray to accommodate a future gun lock in the rear cargo compartment of the vehicle.
- 2.8.13.1. Radio, L-3 DVR and modem antennas will need to be drilled into top of vehicle. The Fleet Manager will specify desired locations at the time of vehicle delivery.
- 2.8.13.2. Motorola XTL-2500 or APX-6500 remote mount radio with remote mounted speaker. Wiring should be isolated from other equipment to avoid RFI.
- 2.8.13.3. Havis (C-VS-1308-INUT) console with the following contents:
- L-3 Digital Video Recorder
 - Motorola XTL-2500 or APX-6500 remote head radio
 - Motorola Direct Entry Keypad (DEK)
 - Whelen CanTrol head (or equivalent siren control head)
 - Havis console accessories as needed (i.e. cup holders, storage bins, etc.)
 - MagnetMic
 - Connection of 12v auxiliary power outlets

- Docking station (for Panasonic Tough Book) with pole mount (PKG-PSM-253) and action adapters (mounted as far forward as possible as to not obstruct driver's peripheral views out of the vehicle)
 - Panavise or Ram Mounts
 - Whelen Public Address (PA) microphone should be mounted on the passenger side of the console.
- 2.8.13.4. Zebra ZQ520 (or similar) printer mounted within reach of the driver. The County will provide a mounting bracket.
- 2.8.13.5. Havis WBI-F18-RC (or similar) 3-piece rear window guards (cargo area side windows and rear lift gate window).
- 2.8.13.6. **CONFIGURATION #2: ENFORCEMENT UTILITY WITH LPR SYSTEM**
The Bidder shall provide a response on the Response Form for the full installation/upfit of a fully marked enforcement utility with ELSAG brand LPR equipment as detailed in this section.
- 2.8.13.7. Includes everything detailed above under the CONFIGURATION #1: ENFORCEMENT UTILITY, but with the addition of an ELSAG 3-camera License Plate Recognition System.
- 2.8.13.8. Cameras should be mounted to the top of the vehicle with vehicle specific brackets.
- 2.8.13.9. Cables should be routed through the rear lift gate so as not to pinch the cables and cause water infiltration.
- 2.8.13.10. Control unit to be located in rear cargo area.
- 2.8.13.11. Garmin GPS puck (included in system) should be installed on the top of the dashboard. The USB cable will connect to the computer docking station.
- 2.8.13.12. Ethernet cable (included in system) should be routed from the LPR control unit to the computer docking station.
- 2.8.14. CONFIGURATION #3: ENFORCEMENT UTILITY WITH K9**
The Bidder shall provide a response on the Response Form for the full installation/upfit of a fully marked enforcement utility as detailed in this section.
- 2.8.14.1. The CONFIGURATION #3: ENFORCEMENT UTILITY WITH K9 is a marked enforcement vehicle that may be considered a CONFIGURATION #1 with the following changes:
- 2.8.14.2. This vehicle is NOT equipped with a Pro-Gard (or similar) prisoner transport seating system.
- 2.8.14.3. This vehicle is NOT equipped with a Pro-Gard Tri-Lock (or Setina Dual T-Rail) vertical gun locks mounted to the recessed panel of partition.
- 2.8.14.4. CONFIGURATION #3 INCLUDES THE FOLLOWING ITEMS NOT FOUND IN CONFIGURATION #1:

- 2.8.14.5. Ray Allen brand Cruise EZE rear seat replacement K9 insert (vehicle specific.) This includes door panels.
- 2.8.14.6. Ace K9 brand Hot-n-Pop Pro (or similar) with long distance remote pager module (antenna roof mounted with drilled hole.). This includes the door release system and all connections and mounting of all components of this system.
- 2.8.14.7. Kennel fan activated via heat alarm AND manually via designated button on siren control head. Kennel fan will be located on top of the kennel and installed in a manner that will blow air into the kennel.
- 2.8.14.8. Whelen 3SRCCDCR (or similar) 3" round light (split red/white) mounted overhead inside kennel. Light to be controlled by siren controller via control head panel.
- 2.8.14.9. Front gun lock: mounted with County supplied brackets in an area of the top front of the K9 kennel for easy reach from driver's seat. The front gun lock will be controlled and timed by the siren controller. The gun lock should only work with vehicle ignition present.
- 2.8.14.10. Rear gun lock: ceiling mounted with County supplied brackets in the rear of the cargo area. The rear gun lock will be controlled and timed by the siren controller. At the time of delivery, the Fleet Manager will specify where lock release should be located. The gun lock should only work with vehicle ignition present.
- 2.8.14.11. WeatherTech (or similar) vehicle specific side window deflectors.
- 2.8.14.12. Aftermarket (manufacturers vary) keyless entry system (lock/unlock only.)

2.8.15. CONFIGURATION #4: DETECTIVE SEDAN

- 2.8.15.1. The Bidder shall provide a response on the Response Form for the full installation/upfit of an unmarked sedan detective vehicle as detailed in this section.
- 2.8.15.2. Two Whelen Ions (1 red, 1 blue) mounted behind grill. An alternative would be two Whelen Microns (or similar).
- 2.8.15.3. One Whelen Dual Avenger (or similar) light mounted inside the vehicle, near front passenger overhead visor. An alternative would be two Whelen Spitfire Ions (or similar).
- 2.8.15.4. Two Whelen Single Avenger (or similar) lights mounted inside the vehicle, near the top of the rear window. An alternative would be two Whelen Spitfire Ions (or similar).
- 2.8.15.5. Installation of Whelen Vertex, Whelen Ion, or similar Whelen products in Ford police headlamp housing. Each headlamp housing may accommodate one or more Whelen lights.
- 2.8.15.6. Up to four Whelen Vertex LED lights, or similar, mounted into Ford police tail light housings, set to alternate. Each tail lamp housing may accommodate one or two Whelen lights.
- 2.8.15.7. Siren amplifier (Generally Whelen Gamma, Whelen Sapphire, etc.,) includes siren programming, and/or wiring, for proper operation and light output as specified by Fleet

Manager.

- 2.8.15.8. This configuration would NOT require a horn ring or park kill functionality.
- 2.8.15.9. Installation and proper connection of Whelen SA315P siren speaker with vehicle specific mounting bracket.
- 2.8.15.10. VHF ¼ wave antenna mounted to trunk lid or trunk lip bracket. NMO mount and cable provided by the County.
- 2.8.15.11. One Streamlight Stinger (or similar) flashlight charging cradle mounted on passenger side of console, within reach of the driver.
- 2.8.15.12. Motorola XTL-2500 or APX-6500 remote mount radio with remote mounted speaker. Wiring should be isolated from other equipment to avoid RFI. Radio transceiver will
- 2.8.15.13. Auxiliary trunk lighting controlled by factory switch (via raising trunk lid.)
- 2.8.15.14. Havis (C-VS-1508-INSE) console with the following contents:
 - Motorola XTL-2500 or APX-6500 remote head radio
 - Motorola Direct Entry Keypad (DEK)
 - Siren controller (Whelen Gamma, CenCom Sapphire or equivalent siren control head)
 - Havis console accessories as needed (i.e. cup holders, arm rests, storage bins, etc.)
 - Connection of auxiliary power outlet(s)
 - MagnetMic

2.8.16. CONFIGURATION #5: UNMARKED FORD F-150

The Bidder shall provide a response on the Response Form for the full installation/upfit of an unmarked Ford F-150 as detailed in this section.

- 2.8.16.1. Panorama, Sti-Co, or similar brand VHF/AM/FM factory look-alike antenna. Factory antenna is removed and aftermarket antenna is installed in its place.
- 2.8.16.2. Motorola XTL-2500 or APX-6500 remote mount radio with remote mounted speaker.
- 2.8.16.3. Whelen SA315P siren speaker (vehicle specific bracket when available from manufacturer.)
- 2.8.16.4. Whelen siren controller or illuminated Carling switches (as determined by Fleet Manager).
- 2.8.16.5. Two (2) Whelen Ion, Micron, LINZ6, or similar, mounted on brackets behind vehicle grille. Smoked lenses may be desired if available.
- 2.8.16.6. Whelen Flatlighter, Avenger, Spitfire (or similar) forward facing lights mounted to headliner. Lights will be connected via direct wiring to switch (controlled by Carling switch or siren controller).
- 2.8.16.7. Whelen Vertexes (or similar) lights mounted in rear tail lamp housing. Alternatively,
- 2.8.16.8. Whelen Microns (or similar) may be stud-mounted on rear of vehicle.

2.8.16.9. One Streamlight Stinger flashlight charging cradle mounted within reach of the driver.

2.8.17. CONFIGURATION #6: ADMINISTRATIVE UTILITY

The Bidder shall provide a response on the Response Form for the full installation/upfit of an unmarked Ford F-150 as detailed in this section.

- 2.8.17.1. Whelen SA315P speaker with vehicle specific mounting bracket (if available).
- 2.8.17.2. Whelen Microns (stud mount, 1 red, 1 blue) on exterior of front grill.
- 2.8.17.3. Whelen Vertex, Whelen Ion, or similar Whelen products in Ford police headlamp housing. Each headlamp housing may accommodate one or more Whelen lights.
- 2.8.17.4. Whelen Spitfire Ion (quantity 2) mounted inside, overhead, near visors.
- 2.8.17.5. Up to four Whelen Vertex LED (two red, two blue), or similar, mounted into Ford police tail light housings, set to alternate. Each tail lamp housing may accommodate one or two Whelen lights.
- 2.8.17.6. Whelen Ions (1 red, 1 blue) mounted inside, upper rear window
- 2.8.17.7. Havis vehicle specific console (HCVS1308-INUT) with appropriate faceplates.
- 2.8.17.8. Havis console accessories (faceplates, filler plates, 12v outlets, cup holder, armrest storage cubby, etc...)
- 2.8.17.9. Whelen Gamma (or similar) siren controller mounted in console.
- 2.8.17.10. Motorola XTL-2500 or APX-6500 remote mount radio with remote mounted speaker. Wiring should be isolated from other equipment to avoid RFI. Motorola radio transceiver should be bolted to interior panel in rear cargo area.
- 2.8.17.11. Panorama (FINB) or similar radio antenna.
- 2.8.17.12. This vehicle WILL NOT have a computer dock or mounting post.
- 2.8.17.13. This vehicle WILL NOT have a ruggedized cellular modem/router.
- 2.8.17.14. This vehicle WILL NOT have an electronics equipment tray.
- 2.8.17.15. This vehicle WILL NOT have a L-3 DVR camera system.
- 2.8.17.16. This vehicle WILL NOT have a prisoner partition.

2.8.18. CONFIGURATION #7: EQUIPMENT REMOVAL – ENFORCEMENT UTILITY

- 2.8.18.1. The Bidder shall provide a response on the Response Form for the full removal of aftermarket and upfit related equipment from a Configuration #1: ENFORCEMENT UTILITY.

- 2.8.18.2. In this scenario, the County would deliver a fully equipped enforcement utility vehicle to the contractor. The vehicle will be slated for disposal due to age and/or mileage. The contractor would remove all aftermarket and upfit related equipment and wiring. This WILL NOT apply to wrecked vehicles.
- 2.8.18.3. If the vehicle was equipped with a horn ring, normal horn functionality would be restored.
- 2.8.18.4. If the vehicle was equipped with a headlight (and/or tail light) flasher, normal functionality would be restored.
- 2.8.18.5. Aftermarket antennas would be removed.
- 2.8.18.6. Any roof penetrations attributed to antennas and lightbar cabling will be sealed.
- 2.8.18.7. Any body penetrations or screw holes will be sealed.
- 2.8.18.8. All aftermarket equipment will be removed and retained for transfer into a replacement vehicle. If the equipment is slated for installation in a replacement vehicle, the contractor will store the equipment until the replacement vehicle is delivered. In this scenario, the County would likely deliver the replacement vehicle when picking up the stripped vehicle.
- 2.8.18.9. If provided with the factory rear seats, the contractor will install the seats.
- 2.8.18.10. The contractor WILL NOT be responsible for removing vehicle graphics or decals.
- 2.8.18.11. The contractor WILL NOT be responsible for restoring functionality to non-operational rear door handles and/or window locks if the vehicle was delivered from the manufacturer without those features. Currently, the County purchases factory options that render the rear door handles and window switches inoperable. The contractor would not be expected to reverse those options.

2.9. CONTRACTOR QUALIFICATIONS & EXPERIENCE: The Contractor to whom an Emergency Vehicle Equipment Installation Services contract is awarded must provide evidence that they have past experience in the type of work as outlined in the attached specifications for a minimum of three years. **Attachment A – Prior Experience** may be used for this purpose.

2.10. EVALUATION - Evaluation of this bid will be based upon the ability of the vendor to perform these services in a timely fashion, familiarity with our equipment, the cost for said services and the experience level of the vendor in working with the new Ford emergency vehicle platforms.

2.11. BILLING AND PAYMENTS – Invoices for work to Boone County Sheriff’s Department vehicles shall be submitted to: Boone County Sheriff’s Department, Attn: Gary German, 2121 County Drive, Columbia, MO 65202. Payment shall be made within 30 days of receipt of a complete **MONTHLY** statement. Invoices shall be used as back-up documentation only.

2.12. DESIGNEES – Gary German, Boone County Sheriff’s Department, 2121 County Drive, Columbia, MO 65202. Phone (573) 876-6101.

2.13. BID CLARIFICATION - Any questions or clarifications concerning bid documents should be addressed to Jacob M. Garrett, Buyer, 613 E. Ash Street, Room 109, Columbia, MO

65201. Telephone (573) 886-4393 Fax (573) 886-4390, E-mail:
JGarrett@boonecountymo.org.

3. Response Presentation and Review

- 3.1. **RESPONSE CONTENT** - In order to enable direct comparison of competing Responses, you must submit your Response in strict conformity to the requirements stated here. Failure to adhere to all requirements may result in your Response being disqualified as non-responsive. All Responses must be submitted using the provided Response Form. Every question must be answered and if not applicable, the section must contain “N/A” or “No Bid”.
- 3.2. **SUBMITTAL OF RESPONSES** - Responses MUST be received by the date and time noted on the title page under “Bid Submission Information and Deadline”. NO EXCEPTIONS. We are not responsible for late or incorrect deliveries from the US Postal Service or any other mail carrier.
 - 3.2.1. **Submittal Package** - Submit, to the location specified on the title page, **three (3) complete copies** of your Response in a single sealed envelope, clearly marked on the outside with your company name and return address, the proposal number and the due date and time.
 - 3.2.2. **Advice of Award** - A Bid Tabulation of responses received as well as Award status can be viewed at www.showmeboone.com.
- 3.3. **BID OPENING** - On the date and time and at the location specified on the title page under “Bid Opening”, all Responses will be opened in public. Brief summary information from each will be read aloud.
 - 3.3.1. **Removal from Vendor Database** - If any prospective Bidder currently in our Vendor Database to whom the Bid was sent elects not to submit a Response and fails to reply in writing stating reasons for not bidding, that Bidder’s name may be removed from our database. Other reasons for removal include unwillingness or inability to show financial responsibility, reported poor performance, unsatisfactory service, or repeated inability to meet delivery requirements.
- 3.4. **RESPONSE CLARIFICATION** - We reserve the right to request additional written or oral information from Bidders in order to obtain clarification of their Responses.
 - 3.4.1. **Rejection or Correction of Responses** - We reserve the right to reject any or all Responses. Minor irregularities or informalities in any Response which are immaterial or inconsequential in nature, and are neither affected by law nor at substantial variance with Bid conditions, may be waived at our discretion whenever it is determined to be in the County’s best interest.
- 3.5. **EVALUATION PROCESS** - Our sole purpose in the evaluation process is to determine from among the Responses received which one is best suited to meet the County’s needs at the lowest possible cost. Any final analysis or weighted point score does not imply that one Bidder is superior to another, but simply that in our judgment the Contractor selected appears to offer the best overall solution for our current and anticipated needs at the lowest possible cost.
 - 3.5.1. **Method of Evaluation** - We will evaluate submitted responses in relation to all aspects of this Bid.
 - 3.5.2. **Acceptability** - We reserve the sole right to determine whether goods and/or services offered are acceptable for our use.
 - 3.5.3. In the event of a discrepancy between a unit price and an extended line item price, the unit price shall govern.
 - 3.5.4. **Endurance of Pricing** - Your pricing must be held until contract execution or 60 days, whichever comes first.

4. RESPONSE FORM

4.1. Company Name:

4.2. Address:

4.3. City/Zip:

4.4. Phone Number:

4.5. Fax Number:

4.6. Federal Tax ID:

- 4.6.1. () Corporation
- () Partnership - Name _____
- () Individual/Proprietorship - Individual Name _____
- () Other (Specify) _____

4.7. PRICING :

- 4.7.1. Configuration #1 – Enforcement Utility \$ _____
- 4.7.2. Configuration #2: Enforcement Utility with LPR \$ _____
- 4.7.3. Configuration #3: Enforcement Utility with K9 \$ _____
- 4.7.4. Configuration #4: Detective Sedan \$ _____
- 4.7.5. Configuration #5: Unmarked Ford F-150 \$ _____
- 4.7.6. Configuration #6: Administrative Utility \$ _____
- 4.7.7. Configuration #7: Equipment Removal – Enforcement Utility \$ _____
- 4.7.8. _____ % Increase / Decrease 1st Contract Renewal Period
- _____ % Increase / Decrease 2nd Contract Renewal Period

4.8. MISCELLANEOUS INFORMATION:

What are your business hours and days?

4.8.1. _____

4.8.2. List the address/addresses of all shop locations where service will be provided:

4.8.3. Are Appointments necessary?

If YES, how far in advance must an appointment be scheduled? _____

4.8.4. Please provide the following information regarding your facility:

Facility Size _____

of Install Bays _____

of Employees _____

4.8.5. Describe your firm's familiarity and experience with LPR technology, specifically LPR manufactured by ELSAG.

4.8.6. As previously stated in this bid, the County is taking steps to standardize the vehicle platforms for ease of operation and deputy safety. We are outfitting our vehicles with Whelen siren and lighting systems.

Is your firm factory trained and certified by Whelen Engineering and are you an authorized installer and capable of programming the Whelen CanTrol system?

Yes No

Please provide any additional details (not required):

4.8.7. State the time involved to complete a patrol car install/upfit (in calendar work week days) as requested in sections 2.8.12 – 2.8.17:

Enforcement Utility: _____

Enforcement Utility with LPR: _____

Enforcement Utility with K9: _____

Detective Sedan: _____

Unmarked Ford F-150: _____

Administrative Utility: _____

4.8.8. Authorized Representative (Sign By Hand):

Type or Print Signed Name:

4.8.9. Today's Date: _____

ATTACHMENT A
PRIOR EXPERIENCE

(References of similar services for governmental agencies are preferred)

1. Prior Services Performed for:

Company Name:

Address:

Contact Name:

Telephone Number:

Date of Contract:

Length of Contract:

Description of Prior Services (include dates):

2. Prior Services Performed for:

Company Name:

Address:

Contact Name:

Telephone Number:

Date of Contract:

Length of Contract:

Description of Prior Services (include dates):

3. Prior Services Performed for:

Company Name:

Address:

Contact Name:

Telephone Number:

Date of Contract:

Length of Contract:

Description of Prior Services (include dates):

STANDARD TERMS AND CONDITIONS - BOONE COUNTY, MISSOURI

1. Contractor shall comply with all applicable federal, state, and local laws and failure to do so, in County's sole discretion, shall give County the right to terminate this Contract.
2. Responses shall include all charges for packing, delivery, installation, etc., (unless otherwise specified) to the Boone County Department identified in the Request for Bid and/or Proposal.
3. The Boone County Commission has the right to accept or reject any part or parts of all bids, to waive technicalities, and to accept the offer the County Commission considers the most advantageous to the County. Boone County reserves the right to award this bid on an item-by-item basis, or an "all or none" basis, whichever is in the best interest of the County.
4. Bidders must use the bid forms provided for the purpose of submitting bids, must return the bid and bid sheets comprised in this bid, give the unit price, extended totals, and sign the bid. The Purchasing Director reserves the right, when only one bid has been received by the bid closing date, to delay the opening of bids to another date and time in order to revise specifications and/or establish further competition for the commodity or service required. The one (1) bid received will be retained unopened until the new Closing date, or at request of bidder, returned unopened for re-submittal at the new date and time of bid closing.
5. When products or materials of any particular producer or manufacturer are mentioned in our specifications, such products or materials are intended to be descriptive of type or quality and not restricted to those mentioned.
6. Do not include Federal Excise Tax or Sales and Use Taxes in bid process, as law exempts the County from them.
7. The delivery date shall be stated in definite terms, as it will be taken into consideration in awarding the bid.
8. The County Commission reserves the right to cancel all or any part of orders if delivery is not made or work is not started as guaranteed. In case of delay, the Contractor must notify the Purchasing Department.
9. In case of default by the Contractor, the County of Boone will procure the articles or services from other sources and hold the Bidder responsible for any excess cost occasioned thereby.
10. Failure to deliver as guaranteed may disqualify Bidder from future bidding.
11. Prices must be as stated in units of quantity specified, and must be firm. Bids qualified by escalator clauses may not be considered unless specified in the bid specifications.
12. No bid transmitted by fax machine or e-mail will be accepted.
13. The County of Boone, Missouri expressly denies responsibility for, or ownership of any item purchased until same is delivered to the County and is accepted by the County.
14. The County reserves the right to award to one or multiple respondents. The County also reserves the right to not award any item or group of items if the services can be obtained from a state or other governmental entities contract under more favorable terms. The resulting contract will be considered "Non-Exclusive". The County reserves the right to purchase from other vendors.
15. The County, from time to time, uses federal grant funds for the procurement of goods and services. Accordingly, the provider of goods and/or services shall comply with federal laws, rules and

regulations applicable to the funds used by the County for said procurement, and contract clauses required by the federal government in such circumstances are incorporated herein by reference. These clauses can generally be found in the Federal Transit Administration's Best Practices Procurement Manual – Appendix A. Any questions regarding the applicability of federal clauses to a particular bid should be directed to the Purchasing Department prior to bid opening.

16. In the event of a discrepancy between a unit price and an extended line item price, the unit price shall govern.
17. Should an audit of Contractor's invoices during the term of the Agreement, and any renewals thereof, indicate that the County has remitted payment on invoices that constitute an over-charging to the County above the pricing terms agreed to herein, the Contractor shall issue a refund check to the County for any over-charges within 30-days of being notified of the same.
18. **For all titled vehicles and equipment the dealer must use the actual delivery date to the County on all transfer documents** including the Certificate of Origin (COO,) Manufacturer's Statement of Origin (MSO,) Bill of Sale (BOS,) and Application for Title.
19. **Equipment and serial and model numbers** - The contractor is strongly encouraged to include equipment serial and model numbers for all amounts invoiced to the County. If equipment serial and model numbers are not provided on the face of the invoice, such information may be required by the County before issuing payment.

“No Bid” Response Form

Jacob M. Garrett, Buyer
(573) 886-4393 – Fax: (573) 886-4390

“NO BID RESPONSE FORM”

**NOTE: COMPLETE AND RETURN THIS FORM ONLY IF YOU DO NOT WANT TO
SUBMIT A BID**

If you do not wish to respond to this bid request, but would like to remain on the Boone County vendor list **for this service/commodity**, please remove form and return to the Purchasing Department by mail or fax.

If you would like to FAX this “No Bid” Response Form to our office, the FAX number is (573) 886-4390.

Bid: 16-23MAR17 – Emergency Vehicle Equipment & Electronics/Accessories Installation

Business Name: _____

Address: _____

Telephone: _____

Contact: _____

Date: _____

Reason(s) for not bidding:

