

**EL PASO COUNTY PURCHASING DEPARTMENT**

**LOCAL GOVERNMENT CODE SECTION 176 INFORMATION FORM**

**ALL ELECTED OFFICIALS/DEPARTMENT HEADS SUBMITTING A PURCHASING REQUEST FOR THE PURCHASE OR SALE OF ANY PROPERTY (INCLUDING LEASES), GOODS OR SERVICES MUST SUBMIT THE SPECIFICATIONS TO PURCHASING ALONG WITH THIS FORM COMPLETED AND ATTACHED.**

To: Piti Vasquez, Purchasing Agent

Date: 12-19-08 Department: Sheriff Office

Elected Official/Department Head: Lawrence Guerra, Commander  
*One (1) 2009 Ford Crown Victoria*

General Description of Purchasing Request \_\_\_\_\_

**Please see attached equipment & installation information**

Texas Local Government Code Section 176 requires Vendors to file a Conflict of Interest Questionnaire (Form CIQ) that discloses each affiliation or business relationship with an employee or contractor of County who makes recommendations to the County Commissioners Court with respect to the expenditure of money.

For this contract, the Vendor will be required to disclose its business relationships with the County Judge, the County Commissioners, the above-named Elected Official/Department Head and the following persons who will review the Vendor submissions and make recommendations regarding the award of the bid/RFP/RFQ (if more than 6 persons, use additional pages):

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_

 \_\_\_\_\_  
Elected Official/Department Head

Date: 12/23/08

**EL PASO COUNTY SHERIFF'S OFFICE**  
**Interior/Exterior and Communication Vehicle Equipment**  
**Specifications**

Request the County Purchasing Agent go out on bid for a vendor to provide the below listed equipment and services for one (1) Sheriff's Office Patrol Vehicles assigned to the Border Crime Initiative (2009 Ford CV). Vehicles will be located in El Paso, Texas. Vendor must have installation and warranty shop in El Paso, Texas.

**Patrol Interior/Exterior and Communications Equipment Requirements**

- A. Prisoner transport seat, heavy gauge (.225 ) automotive grade ABS plastic that meets MVSS standard 302 ( flammability ), each seating position shall utilize a Type 2, three point, certified seat belt that meets MVSS 208, 209 and 302 for legal occupant restraint. The seat belt will operate from the center of the seat to the outside of the seat with magnetic fasteners to attach belts to prisoner barrier when not in use. Seat shall be bolted to vehicle.
  
- B. Prisoner Barrier Security Screen (Setina Bodyguard Model 10-S) with integrated rifle rack, padded tubular framing, ¼" thick acrylic plexiglass window, sliding window with locking stops, mounting assembly and lower extension panel. Rifle rack will be mounted horizontally at the top of the Prisoner Barrier Security Screen. The rifle rack will be capable of holding an AR-15 type rifle and contain an electronic locking device that will only unlock when the ignition is on. Rack must also open manually with a standard handcuff key. Recommend Big Sky Gun Rack Model ELS300 with a ELS 340 insert.  
Polycarbonate Rear Window Barriers (Setina Polycarbonate Window Barriers).
  
- C. Go Rhino Grille Guard, 29" wide x 23" tall, ¼" thick side plated heavy duty mounting brackets, ½" x 2" wide protective rubber molded trip, 2" round x 14 gauge top tube cross bar, 6" wide x 12 gauge thick center plate, no drilling required for installation.
  
- D. Siren speaker Federal brand 100 W output, Signal Dynamic mounted behind grille.
  
- E. Signal Vehicle Products Split Phantom undercover Front LED interior light bar 15/16" in height with red and blue LED lights. Signal Vehicle Products six head master LED light with red and blue LED lights mounted on the rear interior deck of the unit. Control-Interface Module (user-supplied switch control required).
  
- F. Federal Electronic Siren/Switch PA 640, Part # 640000. To be programmed as prior vehicles and mounted in console.

- G. Fire extinguisher, 5lb, ABC dry chemical, refillable with vehicle mounting bracket for inside the trunk mounting.
- H. Headlight and Taillight LED strobe flashers (White) with a Whelen 6 Outlet 90W power supply, high / low intensity control, 10 flash patterns, 12/24 volts.
- I. Kustom Signals Digital Eyewitness ION Eclipse with Control Center, Monitor, Recorder/Computer, Sony Camera w/zoom lens, ClearComm SDD 900 MHz transmitter, GPS, ignition on/off, with DVD+R recorder w/crash activation.
- J. Mounting bracket to be integrated to a centerline console which provides for three (2) equipment bays and faceplates for mounting radio control head and Federal PA640 siren/PA unit. The equipment bays should be on the forward part of the mounting system and angled for easy access for vehicle operator and front passenger. The mounting system must also be upgradeable to accommodate a vehicle printer. The system must include two (2) cup holders. The system must provide for positioning the computer for use by both the driver or front passenger and the ability to lower the computer out of the way between the front seats when not in use. The mounting system must include a computer dock, which allows the operator to easily remove the computer from the vehicle without disconnecting any wiring from the computer itself and must not restrict access to computer ports on the computer unless ports are replicated to the mounting solution. The mounting system should have a screen support, light, and must be certified as "Air Bag Compliant" when the computer is in the up or down position. The mounting system must provide for a keyed locking system to secure the computer to the mount to prevent easy removal of the computer by unauthorized persons without a key. The mounting system should be machined vs. stamped and made of aircraft aluminum to minimize potentially harmful harmonic vibrations from being transmitted to the computer through the mounting system. Mounting system must carry its own warranty against defects in material or workmanship for a period of not less than twelve months. Mounting solution must provide for required power supply for the specified computer. Recommended source: Precision Mounting Technologies. (<http://www.precisionmounts.com/>).
- K. Trunk equipment mount slide out shelf for mounting of radio and modem box (Havis Shield C-3190).
- L. Battery protection unit to prevent the battery from draining below a required threshold for starting in the event equipment is left on. Recommend Charge Guard GC-MP with 75 amp relay 05.0700.075 SPST.

- M. Programmable Shut Down Timer for electronics (Radio/Digital Video).
- N. Secure-Idle, solid state, water-resistant, 60 amp load capabilities, color coded wires.
- O. Mobile Radio – MA-COM Model M7100 remote mount two way radio, VHF high Band (150-174 MHz) 110 Watt Scan model, must be 25 kHz and 12.5 kHz capable as a function of programming. Radio to be provided with minimum 3db gain antenna with Teflon low loss cable, microphone, speaker, and all required cabling. Must be P25 capable.
- P. Motorola VRM 850 (Vehicle Radio Modem) 35 watt, with TX Messenger application software w/128 bit encryption programmed for operation on the El Paso City 800 MHz conventional data system to include roof mount antenna, mounting brackets, power surge protector fuse, and all required wiring and compression cabling. Radio component shall come with a two year extended warranty for a total of 3 years. Point of contact for Motorola equipment vendor and specifications: Bonnie Guinn, El Paso City Public Safety Technology Manager at (915) 771-1050.
- Q. Panasonic CF30 Toughbook, Model CF-30FASAXAM adopted as the department standard for mobile computer terminals. Computer must be full magnesium alloy case with handle and meet MIL-STD-810F test standards for high and low temperature, dust, vibration, water resistance, humidity, thermal shock and altitude. Certification of compliance must accompany bid.
- Moisture and dust resistant LCD, keyboard and touchpad.
- Sealed port and connector covers.
- Pre-installed replaceable screen film for touchscreen protection.
- Intel Core Duo Processor L2400
- 2MB L2 cache
  - Processor speed 1.6GHz
  - 667MHzFSB
- Minimum 1GB SDRAM (DDR2), expandable to 4096 MB.
- 13.3” 1024 x x768 (XGA) transmissive display, daylight-readable TFT active matrix color LCD with touchscreen with 1000 nit LCD brightness.
- Minimum 80 GB shock-mounted removable hard drive in stainless steel case.
- Sigmatel STAC9751T AC-97 v.2.1 Compliant Audio Codec, with integrated front-facing speaker.
- Expansion slots for:
- PC card type II x1
  - Secure Digital (SD) card
  - Express card/54 x 1
- CF-VDR302U COMBO DRIVE MM POCKET CF-30

87-key emissive backlit keyboard with dedicated Windows key.  
Pressure-sensitive touchpad with vertical scrolling support.

Interface:

- External video MiniD-sub 15-pin
- Headphone/speaker Mini-jack stereo
- Microphone/line in Mini-jack
- Port replicator 80-pin (reinforced)
- Serial D-sub 9-pin
- Ext. antenna conn. 50 Ohm Coaxial
- USB 2.0 (x3) 4-pin
- IEEE 1394a (firewire) 4-pin
- 10/100/1000 Ethernet RJ-45
- 56K Modem RJ-11

10/100/1000 Ethernet card

Bluetooth v.20 + EDR

Intel PRO/Wireless 3945a/b/g LAN connection 802.11a/b/g with security:

- Authentication: LEAP, WPA, 802.1x, EAP-TLS, EAP-Fast, PEAP.
- Encryption: CKIP, TKIP, 128-bit and 64 bit WEP, Hardware AES

Lithium ion battery with overcharge protection and AC adapter

25ft. serial cable (M/F)

Computer to be provided with minimum three (3) year warranty for parts and labor. 3 Year Warranty (Depot) Access to computer manufacturer technical support line/center must be available to the El Paso County Sheriff's Office. Any limitations on access must be specified in the bid.

- Q. Kustom Signal Directional Eagle II in car mounted radar system, the unit must have a front dash mounted antenna, rear window mounted antenna, and tuning forks.
- R. Bids for installation labor costs must include installation of all the equipment listed above, including warranty labor on any repairs for a five (5) year period. Equipment installation will be standardized in accordance with existing fleet installations, and shall include:
- Following factory harness routes with all wiring.
  - Run power for all equipment from battery to central fuse block under hood to Charge Guard.
  - Run separate power wire to each piece of equipment. No splicing into one power wire for more than one piece of equipment.
  - Soldier VSS connection for park kill.

## SPECIFICATIONS FOR SHERIFF'S OFFICE PATROL VEHICLES

1. **BATTERIES:** Vehicles shall be furnished with maintenance-free batteries.
2. **DECALS:** NO DEALER ADVERTISEMENT OR DECALS SHALL BE AFFIXED TO ANY UNITS OR EQUIPMENT.
3. **EXHAUST EMISSION STANDARDS:** Vehicles furnished to this specification shall be certified by the EPA as Low Emission Vehicles (LEV) and be listed by the TNRCC as Texas Clean Fuel Fleet Vehicles.
4. **FEDERAL MOTOR VEHICLES SAFETY STANDARDS:** Vehicles shall meet or exceed the minimum requirements of this specification, and all applicable requirements of the FMVSS, where applicable.
5. **LICENSE PLATE:** Each vehicle shall be mounted with a front and rear license plate bracket, and adequate space for attaching the rear license plate without modification. Illumination for the license plate shall be provided in accordance with DPS requirements.
6. **MANUALS:** Contractor shall provide one (1) complete set of owner-operators manual, including all standard manufacturer/vendor literature normally furnished with the purchase of a new vehicle for the using department with each individual vehicle. The vendor will provide two sets of service and repair manuals for the Fleet Services Department. Please indicate if these manuals are available in CD or other electronic format.
7. **LITERATURE:** Printed literature (containing sufficient information to determine product compliance with specifications) shall be furnished with the bid. All literature submitted must be the most current for the proposed unit(s). Exceptions will be allowed if they are equal to or superior to that specified and provided they are listed and fully explained on separate page, manufacturer's brochures by themselves will not suffice. If a clause is met exactly, so state. If no exceptions or deviations are identified in this manner, the items shall be furnished exactly as described herein. **CAUTION TO BIDDERS:** The County is not responsible for locating or securing any information which is not identified in the offer and reasonably available to the County and the County will not be responsible for locating or securing information not included in the bid. Failure to furnish required documentation with the bid may result in the bid being deemed incomplete and non-responsive, resulting in rejection. The burden of proof shall rest with the Bidder, in the course of a technical evaluation, to prove that the proposed item(s) are equivalent to the performance, materials, processes, or articles specified. All exceptions shall be made in sufficient detail to permit the County to study and evaluate the exception(s). **The County shall be the sole judge whether item(s) bid are equivalent to those specified.**
8. **PRE-DELIVERY SERVICE:** Vehicles shall be completely serviced, adjusted and made ready for installation of optional equipment. All units shall include new vehicle pre-delivery service:
  - (1) All fluid levels checked and maintained with the proper grade and type of fluids;
  - (2) Pre-delivery inspection and service on chassis;
  - (3) The interior and exterior of units shall have been cleaned and washed.
9. **PRODUCTION MODEL:** All equipment furnished under this contract shall be new, unused and the manufacturer's current production model. Vehicles shall have less than 100 miles when delivered.
10. **SAFETY:** All equipment, accessories and optional items must fully conform to all applicable federal and state requirements and/or regulations. All other items not so specified but deemed necessary by the manufacture for the safe and efficient operation of the vehicles must also be provided.
11. **STANDARD EQUIPMENT:** Any parts, controls, materials or attachments, which are standard and/or necessary to form an efficient and complete working unit, as judged by the County, shall be furnished whether specifically mentioned herein or not. The units listed herein shall be furnished with all standard equipment and factory-installed accessories as may be described in the specifications, whether or not specifically listed, i.e. sun visors, ignition noise suppressor, cigar lighter, dome lights, etc., as listed in the manufacturer's printed literature for the respective unit.

## SPECIFICATIONS FOR SHERIFF'S OFFICE PATROL VEHICLES

**12. VEHICLE INSPECTION:** All furnished vehicles shall be properly inspected to meet DPS requirements with Texas Inspection Sticker attached before delivery to the County, where applicable. Any fee charged for these inspections shall be the responsibility of the Contractor and not the County.

**13. GENERAL SPECIFICATIONS:** *In lieu of detailed specifications, any vehicle offered must be equivalent to a Ford Crown Vitoria Police Interceptor with the Base Police Prep Package and the Optional Packages and accessories described below.*

**I. Base Vehicle requirements include, but are not limited to**

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|--|--|--|
| 1. Cloth bucket seats                                | 15. Power mirrors  | 24. Personal Safety System which includes            |
| 2. Vinyl rear seats                                  | 16. Heavy duty shocks and springs  | a. Seat position monitors                            |
| 3. Rubber floor covering                             | 17. Hub caps (no full size wheel covers)   | b. dual second generation front air bags             |
| 4. Storage pockets on front seats                    | 18. Power lumbar driver's seat with weapon cut outs  | c. Seat position sensors                             |
| 5. Power heated mirrors                              | 19. Power door locks and windows   | d. Seat belt pretensioners and crash severity sensor |
| 6. 235HP   | 20. Special Paint Option SP212 – Area A (Vibrant White CC) – Area B (Black CC) – Bumper Code 76A | 25. Emergency interior trunk release                 |
| 7. V8  |  | 26. Side door intrusion beams                        |
| 8. LEV certified engine                              |  | 27. Remote fuel door release                         |
| 9. Rear wheel drive                                  |  | 28. Anti-theft system and a fail safe cooling system |
| 10. Engine oil cooler                                |  |  |
| 11. Transmission oil cooler                          |  |  |
| 12. Power steering oil cooler                        |  |  |
| 13. Electronically controlled automatic transmission |  |  |
| 14. 4-wheel disc brakes                              | 21. Air conditioning   |  |
| Power steering                                       | 22. AM/FM stereo   |  |
|  | 23. Rear window defroster  |  |

**II. Optional Items that must be included with the vehicle**

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|---------------------------------------|--|
| 1. ABS with traction control          | 6. All cars keyed alike (fleet keyed) with three (3) keys                    |
| 2. Limited slip axle                  | 7. Dual beam map light   |
| 3. Courtesy lamp disabled             | 8. Power window front switches only, with rear locks and handles inoperative |
| 4. Trunk lid release on door          | 9. Dual spot lights  |
| 5. silicon hoses with aircraft clamps |  |

**III. Radio Suppression Package to include, but not limited to**

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|-----------------------|------------------------------|
| 1. Hood to body       | 5. Deck lid to body          |
| 2. Engine to dash     | 6. Radiator bracket to frame |
| 3. Engine to frame    | 7. Body to rear frame        |
| 4. Tail pipe to frame |                              |

**IV. Window Tinting:** The side and rear windows tinted to provide

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|-----------------------------------|-------------------------------------|
| 1. 37% visible light transmission | 4. 99% UV rejection                 |
| 2. 52% solar rejection            | 5. Llumar PP35LSRHPR, or equivalent |
| 3. 18% visible light reflection   |                                     |