

CITY OF FORT COLLINS

INVITATION TO BID

BID #5428
MOBILE SURVEILLANCE PLATFORM

BID OPENING OCTOBER 29, 1999, 2.30P.M. (our clock)

Sealed bids will be received and publicly opened at the office of the Director Of Purchasing and Risk Management, 256 West Mountain Avenue, Fort Collins, Colorado 80521, at the time and date noted on the bid proposal and/or contract documents

Bids must be received at the Purchasing Office prior to 2.30p m. (our clock), OCTOBER 29, 1999.

A copy of the Bid may be obtained as follows:

- 1 Call the Purchasing Fax-line, 970-416-2033 and follow the verbal instruction to request document #25428 **(The bid number must be preceded by a 2 when using the Fax-line.)**
- 2 Download the Bid from the Purchasing Webpage, Current Bids page, at [www.ci.fort-collins.co.us\CITY_HALL\PURCHASING](http://www.ci.fort-collins.co.us/CITY_HALL/PURCHASING) then via the Current Bids pushbutton
- 3 Come by Purchasing at 256 W Mountain Ave , Fort Collins, and request a copy of the Bid

Special Instructions

All bids must be properly signed by an authorized representative of the company with the legal capacity to bind the company to the agreement. Bids may be withdrawn up to the date and hour set for closing. Once bids have been accepted by the City and closing has occurred, failure to enter into contract or honor the purchase order will be cause for removal of supplier's name from the City of Fort Collins' bidders list for a period of twelve months from the date of the opening. The City may also pursue any remedies available at law or in equity. Bid prices must be held firm for a period of forty-five (45) days after bid openings.

Submission of a bid is deemed as acceptance of all terms, conditions and specifications contained in the City's specifications initially provided to the bidder. Any proposed modification must be accepted in writing by the City prior to award of the bid.

Only bids properly received by the Purchasing Office will be accepted. All bids should be clearly identified by the bid number and bid name contained in the bid proposal.

No proposal will be accepted from, or any purchase order awarded, to any person, firm or corporation in default on any obligation to the City.

Bids must be furnished exclusive of any federal excise tax, wherever applicable.

Bidders must be properly licensed and secure necessary permits wherever applicable

Bidders not responding to this bid will be removed from our automated vendor listing for the subject commodities

The City may elect where applicable, to award bids on an individual item/group basis or on a total bid basis, whichever is most beneficial to the City. The City reserves the right to accept or reject any and all bids, and to waive any irregularities or informalities

Sales prohibited/conflict of interest no officer, employee, or their dependent or person residing in and sharing the expenses of their household, shall have a financial interest in the sale to the City of any real or personal property, equipment, material, supplies or services. This rule also applies to subcontracts with the City. This shall not apply to members of any authority, board, committee or commission of the city, other than the members of the City Council. Soliciting or accepting any gift, gratuity favor, entertainment, kickback or any items of monetary value from any person who has or is seeking to do business with the City of Fort Collins is prohibited. Any vendor knowing of this type of activity is encouraged to report in confidence to the Director of Purchasing and Risk Management, Director of Finance, City Attorney or City Manager so the matter can be dealt with

Freight terms unless otherwise noted, all freight is F O B Destination, Freight Prepaid. All freight charges must be included in prices submitted on proposal


Discounts any discounts allowed for prompt payment, etc , must be reflected in bid figures and not entered as separate pricing on the proposal form

Purchasing restrictions your authorized signature of this bid assures your firm's compliance with the City's purchasing restrictions. A copy of the resolutions are available for review in the Purchasing Office or the City Clerk's Office

Cement restrictions City of Fort Collins Resolution 91-121 requires that suppliers and producers of cement or products containing cement to certify that the cement was not made in cement kilns that burn hazardous waste as a fuel

Collusive or sham bids any bid deemed to be collusive or a sham bid will be rejected and reported to authorities as such. Your authorized signature of this bid assures that such bid is genuine and is not a collusive or sham bid

Bid results for information regarding results for individual bids send a self-addressed, self-stamped envelope and a bid tally will be mailed to you. Bid results will be posted in our office 7 days after the bid opening


James B. O'Neill II, CPPO
Director of Purchasing and Risk Management

BID PROPOSAL

BID # 5428

Bid Opening: October 29, 1999, 2:30pm (our clock)

WE HEREBY ENTER OUR BID FOR THE CITY OF FORT COLLINS' REQUIREMENTS FOR THE ITEMS LISTED BELOW, PER THE BID INVITATION AND REFERENCED SPECIFICATIONS

1 0 SCOPE

1.1 This specification establishes the minimum requirements for the purchase of

MOBILE SURVEILLANCE PLATFORM

1.2 Should the manufacturer's current published data or specifications exceed the City's specifications, they shall be considered minimum and furnished

2.0 BID CLARIFICATION

2.1 Clarification regarding these specifications shall be obtained from the Director of Purchasing and Risk Management prior to the time and date of the Bid Opening

Any changes to these specifications will be made by a written addendum issued by the Director

2 2 For questions concerning the bidding process, contact Jim Hume, Buyer, Phone 970-221-6776, Fax 970-221-6707

For technical questions concerning this bid, contact Ken Mannon, Director of Fleet Services, Phone 970-221-6610, Fax 970-221-6857

3 0 DELIVERY

3.1 The date of delivery is an essential element of this proposal Delivery of equipment shall be made to

Equipment Services
835 Wood Street
Fort Collins, CO 80521

3 2 The word "delivery", as used in this specification, encompasses delivery of the actual equipment, as specified, complete with all necessary papers such as Manufacturer's Statement of Origin, application for title, invoice, warranty, shop, operator's and technical manuals, parts books, etc , as applicable

3.3 All equipment must be completely washed and serviced in accordance with standard new equipment "make ready", and the manufacturer's specifications and be ready for delivery in drive away condition A forty-five (45) day permit is to be included

3.4 All units to be new and of the manufacturer's latest model in production at the time of delivery and standard equipped, unless otherwise specified. Time is of the essence. The City shall be kept advised of any anticipated delay in delivery. In the event the successful bidder, hereinafter referred to as the Contractor, fails to properly perform delivery as specified above, within the specified time limit set forth by the Contractor in his bid proposal, the City shall sustain damages in an amount difficult to ascertain. Accordingly, after due allowance for any time extensions which are agreed by the City to be due to conditions beyond the Bidder's control, the Contractor shall be liable to the City, in the amount of Twenty-five (\$25) dollars as liquidated damages, and not as a penalty, for each and every calendar day that delivery is delayed. Additionally, no payment shall be made by the City for any delivery of specified equipment until all aspects of the contract have been fulfilled, unless pre-arranged and approved jointly by the Director of Purchasing and Risk Management and the Director of Fleet Services.

4 0 WARRANTY

4.1 The manufacturer shall unconditionally warrant the entire vehicle and all component parts, but not accessory equipment, for a warranty period of specified usage that is currently being offered in open trade for that vehicle at the time of delivery. Additionally, the Contractor shall furnish the City a fully priced copy (parts and labor) of any warranty or commercial cost repair order which originates in his repair facility, subsequent to delivery, during the warranty period. No charge for service calls, travel time, travel expenses, mileage, or per diem will be allowed by the City in connection with the performance of any warranty repairs.

5 0 DEALER IDENTIFICATION

5.1 No dealer identification will be allowed on any vehicle sold to the City of Fort Collins.

6.0-SPECIFICATIONS· MOBILE SURVEILLANCE PLATFORM

6 1

Equipment bid on this proposal must meet or exceed the following minimum requirements. Any exceptions must be noted and listed on a separate sheet. The vendor shall not sub out any vehicle surveillance platform work. All manufacturing must be completed on the manufacture's premises. All equipment and specifications described within this bid are the expressed desires of this department. The vender may substitute equal to or better than equipment and specifications. The vender shall provide equipment data sheets that show the proposed vender substituted equipment meets or exceeds the equipment list by the City of Fort Collins. The vender shall provide detailed written specifications as to the vehicle modifications to be made to the rear surveillance compartment and vehicle chassis and or body.

The vendor must provide strict 24-hour security, maintaining confidentiality of the Larimer County Drug Task Force platform designs and appearance. Fort Collins Police Services and or Larimer County Drug Task Force representatives may visit your facility at any time during the assembly of the surveillance platform to inspect assembly work in progress.

General:

No.	Item	Description	Meets Spec?
6.2	QUANTITY.	One (1)	Yes ___ No ___
		VEHICLE: (1) one ton cargo van WHEELBASE 138" inch ENGINE 5 4L liter V-8 engine, with electronic fuel injection Engine block heater TRANSMISSION Automatic Transmission (4) speed GVWR 7200 pounds, Gross Vehicle Weight STEERING Power steering Tilt wheel and speed control BRAKES ABS Power Brakes	Yes ___ No ___ Yes ___ No ___ Yes ___ No ___ Yes ___ No ___ Yes ___ No ___ Yes ___ No ___

No.	Item	Description	Meets Spec?
		COOLING SYSTEM Heavy duty Radiator	Yes ___ No ___
		HEAVY DUTY SUSPENSION 3 54 rear axle ratio Heavy duty shock absorbers	Yes ___ No ___
		FUEL TANK 23 5-gallon single tank	Yes ___ No ___
		AIR CONDITIONING Air Conditioning, High Out Put	Yes ___ No ___
		BATTERY Maintenance free 72 ampere hour, 650 cold cranking amps	Yes ___ No ___
		ALTERNATOR 130 amps	Yes ___ No ___
		INSTRUMENT PANEL Fuel, Amp, Oil, and Water Temperature Gauges	Yes ___ No ___
		DOORS 60/40 side swing-out doors, Rear 50/50 swing-out doors both to contain fixed windows	Yes ___ No ___
		CIGARETTE LIGHTER Factory supplied	Yes ___ No ___
		WINDSHIELD WIPERS Intermittent	Yes ___ No ___
		TIRES (5) LT245/75Rx 16D BSW, Steel Belted Radial Tires	Yes ___ No ___
		VEHICLE GLASS Fixed glass on side and rear doors, Tinted windshield & cab doors	Yes ___ No ___

No	Item	Description	Meets Spec?
		RADIO AM/FM with clock	Yes ___ No ___
		FRONT CAB SEATS Cloth Bucket Seats – Blue	Yes ___ No ___
		SEAT BELTS 3 Point Seat Belts Shoulder and waist harness	Yes ___ No ___
		MIRRORS Standard	Yes ___ No ___
		FLOOR COVERINGS Front cabin floor coverings	Yes ___ No ___
		DOOR LOCKS Power Door Locks	Yes ___ No ___
		WHEEL COVERS Standard Wheel Covers	Yes ___ No ___
		HEATER & DEFROSTER Heavy-duty Heater & Defroster w/ fresh air intake & Heavy Duty Rear Heater	Yes ___ No ___
		PAINT COLORS White	Yes ___ No ___
		RUST PROTECTION vehicle shall be under-coated to provide protection Against rust & corrosion	Yes ___ No ___
6.3		CAB AREA	
	1.	The OEM floor mat and headliner in the vehicle cab should be removed and the interior roof and floor then covered with acoustic insulation The OEM floor mat and headliner should then be reinstalled	Yes ___ No ___
	2.	Cab lights should be modified with an override switch, allowing the cab lights to be turned off while the cab doors are open	Yes ___ No ___

	3	The vehicles air conditioner and heater discharge system should be modified below the dash to accept an air duct, which diverts a portion of the discharged air into the operational area of the vehicle while the vehicle engine is running	Yes ___ No ___
	4	An LED should be installed on the vehicle dash, which is activated when the vehicle is connected to externally supplied 110 VAC power source	Yes ___ No ___
		OPERATIONAL AREA	
	FLOOR:	The floor assembly should be constructed from 5/8" ac grade plywood attached to the vehicle floor. The voids between the frame members should be filled with polyurethane spray foam insulation. The upper surface should be covered with automotive grade carpet and all exposed edges bound by metal strips or molding	Yes ___ No ___
6.4	WALLS:	Should be constructed from plywood panels attached to the vehicle side mounting support brackets. Walls to have a minimum of 1 1/2" – 2" of spray polyurethane in between wall structure and should have at least an R-22 insulation value. The plywood shall be covered with a automotive grade heather gray fabric	Yes ___ No ___
6.5	CEILING:	Should be constructed from plywood panels attached to the vehicles roof bows with the interior surface covered in the automotive grade heather gray fabric. A minimum of 1 1/2 - 2" of polyurethane spray foam should be sprayed to the back surface of the ceiling panel	Yes ___ No ___
6.6	DOORS:	Should be insulated where possible and covered by solid panels which is fabric covered. In addition to OEM locks all doors in the operational area should be equipped with deadbolt locks which are operated from within the operational area. This is to prevent the doors from being opened from outside even if a person has keys to the vehicle	Yes ___ No ___
6.7	WINDOWS.	In the operational area should have tinted transparent inserts, which are removable for nighttime operations. Windows should have easily removable cover and camera boots, which are attachable by Velcro. When in place the window coverings should be light tight when closed	Yes ___ No ___

6.8	DOOR MOUNTS:	Doors should be equipped with attachment plates for camera mounts and the manufacture should supply camera mounting assemblies which will accommodate a variety of cameras and lens Also a fully articulated arm with attachment plates and mounting bracket should be provided	Yes ___ No ___
6.9	BULKHEAD:	The disguised front steel bulkhead shall be welded into the ceiling and floor framing of the van for added strength to the vehicle The bulkhead shall also have a sliding pocket door hidden within its frame The door will also have a video viewing port with a second added IR sliding glass to allow a black and white camera to shoot through and maintain light tight The sliding door will have a one inch keyed dead bolt lock assembly installed at the bottom of the door The lock is keyed from the driver's side with an easy to turn knob on the operational side The operational side of the bulkhead surface should be covered with sheeting and finished with fabric to provide an acoustically hospitable environment The door should be mounted on a silent, sliding track and be light tight	Yes ___ No ___
Command Console.			
6.10	1.	All wiring shall be encased in flexible steel Greenfield conduit wherever possible and connected to steel electrical boxes with the UL approved connectors Wire terminals and their installation shall conform to good commercial standards All circuits shall be grounded to common DIN buss to avoid "ground loops " All wiring shall be multi-stranded and sized for maximum equipment load capability and should be capable of carrying 150% of the maximum load expected and be of the highest automotive grade Wire runs will not contain splices and if not run in conduit should be bundled on 6" centers, with trimmed tie wraps All audio-carrying cables shall be 100% shielded UL listed cables to ensure quality audio Wiring shall be color-coded and all audio, video, and antenna cables shall be tagged for easy identification The wire management system shall provide easy service accessibility	Yes ___ No ___
	2.	Battery wires shall be a minimum of 1100 multi-strand battery cable, designed to carry any amperage load requirement that the operational compartment requires	Yes ___ No ___

	3	The power distribution control panel should include a master power switch that controls both DC and AC power to the entire operational area, and have a group of circuit breaker/switches providing current overload protection and control of operational systems and equipment	Yes ___ No ___
	4.	A power-monitoring panel should be capable of indicating DC and AC power consumption Provide a low battery alarm indicator (audible and visual) when the system has fallen below 10.5 volts Provide a visual indication when the vehicle is connected to an external 110 VAC source for battery charging purposes and have One (1) 12 vdc digital voltmeter with back light One (1) 12-vdc digital amp meter with back light One (1) 24 hour clock with battery back up The 12-vdc-battery power shall be controlled through a high quality on/off buss switch This switch shall allow the power to flow from the battery to the main control panel The main on/off switch shall be located next to the side cargo doors, this switch should control all power to the surveillance vehicles operational compartment	Yes ___ No ___
	5.	The main control panel shall individually operate the equipment within the operational compartment Each item or group of items shall be switched and fuse protected from the panel an indicator light shall be mounted on the switch, when illuminated, indicates that power is supplied to the equipment selected	Yes ___ No ___
6 11	Wall Mounted Power Source.	Four (4) 12 vdc cigarette power outlets and four (4) 120V AC outlets should be placed throughout the rear operational compartment for additional equipment power requirements	Yes ___ No ___
6 12	Command Console Desk and Storage Cabinet:	The main equipment work station, counter and cabinets shall house all of the rack-mounted electronics such as The audio recorders, video recorders, video monitors, and other video/audio options that may be required The work station counter surface should be constructed of ¾ inch plywood, covered in a laminate and edged with molding A file/storage cabinet with key lockable drawers should be installed in the workstation	Yes ___ No ___

6.13	MAIN CONTROL PANNEL:	The main control panel and workstation shall be installed on the drivers side wall above the desk area The panel shall be within the reach of the operator at all times, the main control panel shall control all of the equipment functions in the operational compartment at an arms length	Yes ___ No ___
6 14	Passenger Side Bench Seat/Storage Area:	The surveillance platform shall be equipped with a bench seat located on the passenger side adjacent to the side cargo doors The bench shall have 3" thick cushions for optimal operator comfort The lower section of the bench is to be used for storage of equipment	Yes ___ No ___
6 15	Special IR Window Treatment:	The surveillance platform shall be designed with a minimum of five (5) disguised window-viewing ports Fitted with Infra Red 780-nano meter glass to allow the operator to view and shoot video out through the glass	Yes ___ No ___
6 16	BLACK OUT PADS	All in the operational compartment will be equipped with window blackout pads Pads shall have 6"x 8" fold down ports that open to allow for viewing through the van clear exterior glass window to facilitate special video needs	Yes ___ No ___
6.17	WINDOWS		
	1.	The front bulkhead door's sliding window shall measure approximately 6" inches high x 8" inches long This window shall allow the operator to video through the front cab area	Yes ___ No ___
	2.	The rear door window viewing ports size shall be approximately 6" inches high x 8" inches long, creating optimum video viewing and recording from the rear door windows	Yes ___ No ___
	3	A camera wall mount bracket with attachment plates, which will accommodate a variety of cameras and lens, shall be located at each window video viewing port This bracket shall allow the operator to install a fully articulated Bogan Magic Arm at that video port and position a camera of choice in place	Yes ___ No ___
	4	The drivers & passengers cab windows and side & rear cargo door windows shall be tinted a 3M 15% rate window film	Yes ___ No ___

6.18	Rear Seating in the operational compartment: 1.	A primary operator's seat shall be installed at the knee opening area of the main console cabinet, which will provide the operators with access to all equipment and controls without moving from their seat	Yes ___ No ___
	2.	The operators seat is contoured for long term sitting, adjustable back, swing up arm rests, 4' foot chair slide 360 degrees swivel chair base with recline and forward/reverse functions allowing full adjustment	Yes ___ No ___
	3	A second seat shall be supplied for a second operator This padded bench type seat will rest on top of the storage compartment on the passenger's side of the rear compartment	Yes ___ No ___
	4	All seating should provide lap seat belts anchored through the vehicle floor	Yes ___ No ___
6.19	Interior Lighting: 1	Three 18" flexible gooseneck lights with interchangeable red or clear lenses shall be installed These lights should have the ability to be switched on and off from the fixture or main control panel	Yes ___ No ___
	2	One 18" 12-vdc ceiling mounted two-bulb fluorescent light shall be installed This light can be switched on and off from the fixture or the main control panel	Yes ___ No ___
	3.	Three aircraft style-ceiling lights shall be installed and controlled from the light and main control panel One light is White and one light is Blue in color for operations at night One under the counter red light switched at the installed	Yes ___ No ___
6.20	Air Conditioning System:	A Wet Ice system shall be located on the driver's side of the operational compartment next to the rear doors and work counter System should be incased in metal container The inner ice holding tank should be able to be filled from the rear doors or from inside the rear operational compartment System shall permit the use of regular Block or Cubed ice as a cooling agent, the system should hold a minimum of 200lbs of Wet Ice The air conditioner should use multiple speed brush-less fans, connected to air deflectors with 360-degree direction air the airflow to any portion of the operational compartment The air conditioning coolant shall be contained within a closed system, the chilled air should pass through an air chamber equipped with	Yes ___ No ___

		<p>two 12vdc brushless blowers, the blowers should be capable of moving 220 cubic feet of air per minute in and around the rear operational compartment The system should be fully efficient without the vehicle running</p> <p>The air conditioner shall be capable of maintaining a comfortable interior temperature within the operational compartment Typically 20 degrees below the ambient outside temperature, depending upon the operational compartments temperature before the unit is turned on</p> <p>The air conditioner shall be equipped with manually operated drain valves for draining both the ice chamber and the condensation reservoir from within the operational area Valves will be appropriately marked This operation will prevent accidental or unintentional draining or dripping of melted ice water from the holding tank</p>	
6.21	Air Circulation System:	<p>The air circulation system shall be capable of providing a quick change of air and shall be installed in the rear compartment The fresh air should be brought in from the drivers cab air vents and a DC brushless fan installed in the front bulkhead wall behind the passenger's seat at the floor</p> <p>Exhaust fans should be mounted within the rear and side doors, these fans should also provide window defogging for the rear cargo doors The exhausted air from the operational compartment will be vented through sound dampened baffled floor vents next to the rear cargo doors on each side Fans shall be connected to automatic circuitry that ensures activation of the circulation system if the oxygen content level drops below a predetermined percentage</p>	Yes ___ No ___
6.22	Battery System 1.	<p>The platform equipment electronic load is expected to average 8 to 10 amps continuous draw One maintenance free DF8D Gel Cell battery should provide approximately 30 hours of operating time</p>	Yes ___ No ___
	2.	<p>Four- (4) DF8D High Capacity Gel Cell battery rack mounted in a steel battery cabinet shall be provided Batteries should be of a leak proof construction Absolutely no maintenance required 100% Gel construction, no liquids</p>	Yes ___ No ___

	3	Rapid recharge rate Batteries should recharge at a normal rate of charge and should not be damaged if a substantially faster higher rate of charge is applied No dangerous or corrosive gas vapors should develop during operation or recharging use	Yes ___ No ___
	4.	Batteries should be capable of 100% recovery from deep discharge, even if left for uncharged for a month, Exceptional power output	Yes ___ No ___
	5	Batteries should have a power increase of 115% of rated capacity after use of battery begins and an extremely low self discharge rate, of less than 2% per month at room temperature	Yes ___ No ___
	6	Batteries to have a five (5) year limited warranty from the factory	Yes ___ No ___
6.23	Battery Charging System. 1.	The surveillance platform shall be equipped with a Heart Freedom 10, 50 amp pulsed input charger / inverter This charger utilizes a pulsed input charging for maximum charging capacity A Heart Link 2000 remote control charger & inverter status panel should also be provided The overall electrical system shall be fused with a fast action one at a time fuse	Yes ___ No ___
	2.	The pulsed input charger shall not over charge the battery and will allow the charger to be plugged in for continuous duty The charger should be capable of charging up to 4 batteries at the same time	Yes ___ No ___
	3.	A male 120vac plug shall be mounted in the front grill, which allows the operator to plug in heavy-duty extension cord to supply power to the charger The cord should be storable behind the front grill and remain out of sight until used for charging A 25' foot, fourteen gauge three conductor extension cord shall be provided	Yes ___ No ___
	4.	The vehicle's charging system shall charge the rear battery(s) only while the vehicle's engine is running Once the vehicles engines is turned off the vehicle's battery should automatically disconnected from the rear battery system to ensure that the vehicle's battery will be able to start the engine at any time	Yes ___ No ___

6.24	Inverter System:	A 1000-watt DC to AC crystal controlled power inverter shall be provided for the purpose of operating AC equipment. The inverter shall maintain a constant 115vac at 60 Hz with a frequency deviation not to exceed 001 Hz, and be installed with remote function control and display panel.	Yes ___ No ___
6.25	Auto Eject System:	An auto eject AC power system shall be installed. The auto eject system should automatically eject the AC cord when the vehicles engine is started.	Yes ___ No ___
		ENVIRONMENTAL MONITORING, HEALTH & SAFETY:	
6.26		An environmental control panel should be present which contains the following monitoring equipment along with the three listed safety items: 1 Carbon monoxide detector 2 Oxygen monitor/alarm 3 Automatic fresh air override 4 Fire extinguisher 5 First Aid Kit 6 Rechargeable flashlight	Yes ___ No ___
6.27	Surveillance Periscope	One "Retractable Videoscope" shall be provided with a Multi functional hand held scope controller with	Yes ___ No ___
	1.	1 Zoom in & out 2 Focus in & out control with a variable speed control 3 360 Degree rotation with variable speed control 4 Upper mirror motor control for up & down 5 Lower Mirror Control, Manuel adjustment from knob on front panel 6 Retractable Turret <i>up & down</i> motor control 7 Quick cable connector for motorized powered video lenses 8 Defog mirror fan 9 Optical quality front surface mirrors 10 Camera and lens quick release ¼ 20 mount which would allow for lens change out in 30 seconds	Yes ___ No ___
6.28	Video Input Switcher:	One low loss 8 camera sequential input video switcher (Pelco VS-5108) which allow the distribution of video signals to be switched to the recording equipment with the push of a button.	Yes ___ No ___

6 29	Video Recording Port Panels: 1.	Five low loss 100% shielded video cables will be tied into the video switcher One cable for the driver side camera viewing port One cable for the bulkhead door and passenger side door camera viewing ports One cable for the retractable Videoscope in the ceiling One cable for a microwave receiver video input One auxiliary video input	Yes ___ No ___
	2.	Video patch panels to be equipped with BNC connectors for easy input of the video signal At each patch panel there will be a two-pin power plug for camera power These panels are to provide the power and video cable for each video port The video patch panels shall be labeled for easy identification	Yes ___ No ___
6 30	Surveillance Camera and Lens:	<ol style="list-style-type: none"> 1 One Mintron CCD low light color camera, ½", 1.5 lux @ F1.2, 500 TV lines of resolution shall be provided 2 One Mintron CCD low light black & white camera, 1/3", .05 lux @ F1.4 410 TV lines of resolution shall be provided 3 One Computar 16 to 160mm motorized video lens shall be provided The lens will be prewired to connect directly to the retractable Videoscope 4 One Pentax 12.5 to 75mm manual zoom lens shall be provided 5 One Litton Intellivu 2400 Rotational cam with dual channel optics, night vision intensifier module for attachment to the periscope mounted CCTV camera 6 Two 2X "c/CS" lens extender providing double the focal distance of the lens installed 	Yes ___ No ___
6.31	Surveillance Monitors:	Three Studio Quality Sony Trinitron 9" color monitors, 12 vdc Model # KV-PT60 shall be provided One LCD TIF monitor shall be provided (See Officer Safety Camera System)	Yes ___ No ___
6.32	Video Cassette Recorders:	Two Panasonic AG-1070DC VHS time lapse recorder with built-in time date generator Time Lapse Modes 2/6/12/24 Hours shall be provided and must be Y2K Compliant One Sony EVT-820 8mm Time Lapse recorder shall be provided and must be Y2K Compliant	Yes ___ No ___

6 33	Main Auxiliary Video Patch Panel:	A Video Distribution System shall be provided as a standard feature in the surveillance platform and shall be capable of routing an incoming video signal to monitors and recorders. Video recording and monitoring equipment must be able to switch between all video sources. The distributions system should provided the operator the ability to choose the video source for recording and viewing then send the source to any monitor and or recording unit i.e., VCR/Monitor group one, VCR/Monitor group two, and VCR/Monitor group three	Yes ___ No ___
6 34	Integrated Audio System: 1	An Audio Filter and Distribution System shall be provided as a standard feature in the surveillance platform. The system shall be capable of routing an incoming audio signal at the same time to a VCR and/or an audiocassette recorder and/or an external auxiliary speaker. Provide audio jacks for two sets of headphones. Audio sources will be 1 Radio Scanner VHF/UHF/800MHZ 2 Police Radio VHF 3 Police Radio UHF 4 Police Radio 800 MHZ 5 CB Radio 6 Body Transmitter Receiver 7 Microwave Receiver Four external Panasonic electret microphones for recording external audio in the vicinity of the surveillance vehicle shall be installed outside the vehicle. These microphones should also connected to the audio distribution system described above and be directed to the audio tape recorders and VCR for recording. Front to rear intercom system with PTT and hands free operation	Yes ___ No ___
6 35	Officer Safety Camera System	Install four (4) Board Cameras, one looking forward, one looking aft, one looking right and one looking left of the vehicle. Along with one (1) Digital Quad Splitter (Advanced Technology ATV-660). Video from these cameras is to be displayed on a flat screen LCD TIF monitor which is wired into an A/B switcher, so it can be switched to a surveillance monitor, video recorder or video printer	Yes ___ No ___

6.36	Officer Safety Sound System.	Four external Panasonic electret microphones for recording external audio in the vicinity of the surveillance vehicle shall be installed outside the vehicle. These microphones should also be connected to the audio distribution system described above and be directed to the audio tape recorders and VCR for recording.	Yes ___ No ___
6.37	Video Motion Detector.	One Digi Spec 12VDC powered motion detector shall be installed at the command console. The unit is to be fully integrated into the platform's video system.	Yes ___ No ___
6.38	Audio Recording System:	Two PMD-221 Marantz three head audio cassette recorders shall be provided with a 12vdc to 4.9 vdc power supply.	Yes ___ No ___
6.39	Body Wire Receiver:	One Icom R-8500 multi-band synthesized receiver and 12vdc-power adapter kit. 150-175 MHz to 800 MHz band width. Key pad push button field programming.	Yes ___ No ___
6.40	Disguised Antenna System: 1.	All antennas required in support of surveillance equipment and RF transceivers should be routed via coaxial cable to the equipment, the antenna supports, and tagged at the equipment end to identify what equipment it is connected to. All antennas should be tuned for their specific function and installed covertly on the vehicle. The antenna system will be supplied with antennas and cables to support the following equipment:	Yes ___ No ___
	2.	<ul style="list-style-type: none"> 1 Radio Scanner VHF/UHF/800 MHz 2 Police Radio VHF 3 Police Radio UHF 4 Police Radio 800 MHz 5 CB Radio 6 Body Transmitter Receiver 7 GPS 8 Cellular telephone 9 Mobil Data Terminal <p>Microwave Receiver (This system will be wired from the operational area to the vehicle roof at the rear and capped with a weather proof N connector so that a microwave antenna can be mounted and dismantled as needed. The customer will supply the microwave antenna at a later date.)</p>	Yes ___ No ___

	3	Antennas will be installed in a covert manner When installed antennas will not interfere with the Surveillance Scope operation All antennas will be vertically polarized for maximum performance	Yes ___ No ___
6.41	CB Radio.	Install one Citizen Band 40 channel radio	Yes ___ No ___
6.42	Police Radio Installation:	Two (2) Police Radio transceivers, one (1) VHF and one (1) UHF unit will be installed in the operational area of the vehicle Transceivers are to be similar or equal to a Kenwood 32 channel VHF TK-760H Provide location, power and antenna for one 800 MHZ Police Radio Transceiver to be supplied by customer later Note Radio Frequencies will be supplied at time of production to insure the Antennas are properly matched.	Yes ___ No ___
6 43	RF VEHICLE INTRUSION ALARM:	Should be installed to signal a driver who may be a short distance away from the vehicle, that the vehicle is being tampered with, or that the monitor inside the vehicle needs assistance A momentary push button switch should be installed on the console to activate the RF alarm pager	Yes ___ No ___
6.44	GPS Antenna and Receiver	Control panel pre wired to connect a lap top computer that can be placed on the workstation counter top as required and accept GPS data	Yes ___ No ___
6.45	Installation of the LCDTF owned AID Bird Dog 360 XT tracking system	Provide space, power and antenna connections for an AID 360 XT tracking system Provide an antenna system, with mounting brackets and cabling installed on the vehicle, which will work with the AID 360 XT tracking system and which can be stored in the vehicle when not in use	Yes ___ No ___
6.46	Microwave audio/video receiver:	Provide space, power for later installation of a microwave audio/video receiver Microwave signal input to VCR and Audio recorders (Receiver will be installed later by the customer)	Yes ___ No ___
6 47	Color Video Printer:	Install a Panasonic EP-50 Color Video Printer, mounted at the command console work area and fully integrated into the platforms video system	Yes ___ No ___
6.48	Installed Cellular Telephone:	Telephone should be fax capable	Yes ___ No ___

6 49	Mobil Data Terminal:	The vender will provide power, antenna and antenna cable space for a MDT unit An MDT radio receiver and MDT will be provided by the customer	Yes ___ No ___
6.50	Telephone Jack:	Pre-Wire a standard telephone jack in the command console which is connected to a hidden external weatherproof connecting port on the outside of the vehicle This is to allow the vehicle to be connected to a land line telephone system when necessary	Yes ___ No ___
6.51	Install an operational area heating system	A 750-Watt Ceramic electric heater with a separate on/off switch is an acceptable heating system Also acceptable is a propane heating system equipped with a solid state ignition, which is designed for vehicle installation and equipped with a 20 Lb propane tank, applicable gauges, refill valve assemblies and vent discharges or Oscillating Fan Install a 12VDC-powered oscillating fan in the operational compartment to provide additional air movement in the compartment	Yes ___ No ___
6.52	Remote Vehicle Start & Horn	Install at the control console a remote vehicle start switch and vehicle horn switch	Yes ___ No ___
6.53	Training:	Delivery will take place at the manufactures facility This is to allow the manufactures technicians to correct any final check out problems that may develop during the training class or installation of any customer provided equipment that may be add at the time of delivery The manufacture will train (2) Department or Agency operators in the maintenance and operation of the surveillance platform The training shall consist of classroom and hands on techniques in the equipment's capabilities and the real world placement of the platform Instructors for this training shall be a current with a similar surveillance vehicles and knowledgeable in the platform equipment and capabilities The manufacturer will provide all materials required for training All travel food and lodging expenses shall be the responsibility of the department	Yes ___ No ___

6.54	Warranty Requirements	<p>The manufacture shall provide warranties for the surveillance platform for a period of (3) years against any defects that may occur from their workmanship</p> <p>The manufactures warranty includes parts and labor</p> <p>The manufacture will act as the agent for the manufacture of the electronic equipment supplied and installed by the manufacture during the conversion with regards to any warranty problems encountered with such equipment</p> <p>The manufacture has the right to reject warranty work based on damage created by the department' misuse of the surveillance platform</p>	Yes ____ No ____
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7 0 BID PROPOSAL

Bid #5428, Mobile Surveillance Platform

7 1 UNIT DESCRIPTION

VAN – Make:	Model	Year.
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Surveillance Equipment – Make:	Model	Year:
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7 2 Pricing must be for the Van and Surveillance Equipment, separately.

BASE PRICE, as specified, per unit, VAN	\$
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BASE PRICE, as specified, Surveillance Equipment	\$
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Award may be for Van and Equipment or just for the Surveillance Equipment. If the van is purchased separately, it will be drop-shipped to the equipment vendor.

8.0 FREIGHT TERMS

FOB destination, freight prepaid All freight charges must be included in bid pricing

9.0 DELIVERY

Delivery will occur _____ days after proper notification of bid award, if award is for van and equipment, or _____ days after van is delivered to vendor, if award is for equipment only

10.0 CONTRACTOR'S STATEMENT

I have read and fully understand all the conditions, specifications, and special instructions herein set forth above in paragraphs 1 0 through 9 0 I hereby agree to comply with all said conditions, special instructions, and specifications as stated or implied

Signature	Title
Company	Date
Street City/State/Zip	Phone # Fax #

EXHIBIT C

YEAR 2000 COMPLIANCE CERTIFICATION AND INDEMNITY

Section 1 Contractor hereby certifies that all information resources or systems to be provided or used in connection with the performance of this Agreement are "Year 2000 Compliant", except as otherwise expressly described in Section 2, below "Year 2000 Compliant" shall mean that information resources meet the following criteria

a Data structures (e g , databases, data files) provide 4-digit date century recognition. For example, "1996" provides date century recognition, "96" does not

b Stored data contains date century recognition, including (but not limited to) data stored in databases and hardware/device internal system dates

c Calculations and programs logic accommodate both same century and multi-century formulas and date values Calculations and logic include (but are not limited to) sort algorithms, calendar generation, event recognition, and all processing actions that use or produce date values

d Interfaces (to and from other systems or organizations) prevent non-compliant dates and data from entering any state system

e User interfaces (i e , screens, reports, etc) accurately show 4 digit years

f Year 2000 is correctly treated as a leap year within all calculation and calendar logic

Section 2 Contractor agrees to notify the City immediately of any information resources or systems that are not Year 2000 Compliant upon encountering the same in connection with the performance of the Agreement, including without limitation any information resources or systems in use by Contractor in the performance of the Agreement or information resources or systems of the City regarding which Contractor obtains information in the course of its performance of the Agreement

Section 3 Contractor agrees to permit examination, by the City or agents thereof, of any and all information resources and systems in use in connection with this Agreement, and related Year 2000 Compliance implementation plans, in order to evaluate Year 2000 Compliance and potential implications of the same for the City and for performance of the Agreement

Section 4 The Contractor shall indemnify and hold harmless the City, and its officers, agents and employees, from and against all claims, damages, losses, and expenses, including attorneys fees, arising out of or resulting from the Contractor's information resources or systems that are not Year 2000 Compliant