

BID TABULATION IN-CAR VIDEO SYSTEMS

	IN-CAR VIDEO SYSTEMS BID OPENING DATE 12-17-13	DIGITAL ALLY		STALKER APPLIED CONCEPTS INC		COBAN TECHNOLOGIES INC		WATCH GUARD		ICOP A SAFETY VISION CO	
		9705 LOIRET BLVD LENEXA KS 66219		2609 TECHNOLOGY DR PLANO TX 75074		11375 W SAM HOUSTON PARKWAY S HOUSTON TX 77031		415 CENTURY PARKWAY ALLEN TX 75013		6100 W SAM HOUSTON PARKWAY N HOUSTON TX 77041	
Item #	Specification	Meets Specification?		Meets Specification?		Meets Specification?		Meets Specification?		Meets Specification?	
		Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
1	High Definition Video Recording - System must record video at 1280x720 resolution, or 720P.		X		X	X		X			X
2	DVR Mounting - The DVR must be able to be mounted in a center console with a 2" faceplate adapter. System must also offer a universal bracket for mounting anywhere in the vehicle, including the trunk if space demands.		X		X	X		X			X
3	Dual Drive Architecture - System must deploy a dual-drive architecture consisting of a removable solid state USB Flash Drive no smaller than 16GB in size and an integrated automotive grade hard drive at least 100-GB in size. System must support larger USB Flash Drives as well.		X	X		X		X			X
4	Multiple Video Transfer Mechanisms - System must support video transfer via 802.11n wireless, wired Ethernet, or USB Flash Drive (manual transfer).	X		X		X		X		X	
5	Automatic Transfer - System must automatically transfer video the moment the vehicle is in range of the wireless or connected to the wired network. The user must not be required to initiate the transfer in any way.	X		X		X		X			X
6	Partial Transfers - System must support a vehicle driving off or losing its network connection during video transfer without losing any video. The user must not be required to interface or initiate this in any way.	X		X		X		X		X	
7	Protected Events - The DVR must protect the buffered version of the event until the server confirms receipt of the entire record event, regardless of the transfer mechanism.	X		X		X		X		X	
8	Integrated Automotive Grade Hard Drive - To ensure recording under all conditions, the system shall have an integrated automotive grade hard drive at least 100 gigabytes in size. The hard drive shall have a shock tolerance of at least 200Gs and an operational temperature range of -30C to +85C degrees.		X		X		X	X			X
9	Graphical User Interface - For ease of operation, the system settings, hard drive playback, and supervisor controls are to be accessed through a graphical user interface. No text based user interfaces shall be acceptable. System keys and buttons shall provide a tactile feedback and an audio feedback on key presses.		X	X		X		X			X
10	Selectable Officer Names - The system shall include a simple method for selecting a programmed officer name from a list for rapid login at shift changes. System shall be fully functional if the Officer fails to login.	X			X	X		X			X
11	Saved Officer Setting - The system shall have user preference settings that include: LCD Screen Brightness, LED Indicator Brightness, Volume, and Front Camera Auto-Zoom. These setting shall be saved so that when the user logs back in, their settings are restored.	X		X			X	X			X

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12	LED, Touch Screen Display - The system shall have an LED backlit, touch screen liquid crystal display (LCD) that is no less than 4.3 inches (measured diagonally). The display shall have a resolution of at least 480x272, a typical brightness rating of at least 500 nits, a typical contrast ratio of at least 300:1, and a minimum viewing angle of 60 degrees left and right of center for a total of 120 degrees horizontally.		X	X		X		X			X
13	High Quality Audio Subsystem - The system must have speakers built into the remote display control panel for in-car video playback.	X			X	X		X			X
14	Optional Mobile Data Computer Interface – The system shall have the ability to interface with the vehicle's mobile data computer (MDC) with optional software provided by the vendor that allows the user to perform at least the following functions; login and logout, camera and microphone activation, record and stop, record event categorization and record event playback. Software shall support Windows XP SP3 and Windows 7 (32 and 64 bit). Connection between the DVR and MDC shall be Ethernet. Application must support touch screen interface. Application shall not leverage the MDC for any processor intensive DVR tasks including, but not limited to video encoding and/or video conversion.		X		X	X		X			X
15	LED Indicators for Audio, Video and Record - To ensure Officer awareness, the system must have LED indicators showing record, microphone, and camera activity.	X		X		X		X		X	
16	System Power-Up Behavior Control - The system power behavior must be configurable to allow a supervisor to independently set the system to manually or automatically turn on or off with the vehicle.	X		X		X		X		X	
17	System Shut Down Timers - The system must have two independently configurable shutdown timers, selectable from 0 to 60 minutes each that begin after the ignition is turned off. Timer 1 shall simply delay the system's recognition that the ignition has been turned off. Timer 2 must be a low power state timer that allows video to transfer wirelessly and firmware upgrades to continue. If there is no video to transfer or firmware upgrades to perform, Timer 2 must expire and shutdown the system immediately.	X			X	X		X		X	
18	Screensaver- For the comfort and convenience of the users, especially nighttime users, the system must have a screensaver setting that automatically turns off the LCD monitor after a pre-set amount of time. Another setting shall determine if a recording automatically disables Screensaver. Regardless, any button push or touch screen press shall exit screensaver. Screensaver must also be able to be active only when the camera is configured for Night View. The settings shall be saved independently for each user and be remembered when the user logs in.	X			X	X		X			X
19	Multiple Resolution Encoding - The system must record the front camera in two resolutions at all times. One resolution must be 1280x720 (720P) and the other resolution must be a minimum of 864x480 (480P).		X		X		X	X			X
20	Critical Event Rules - In order to maintain an average file size of approximately 1 gigabyte per hour, the system must be configurable to allow each Event Category to be saved in either the maximum or standard resolution. On average, approximately 10% of our agency's recordings will be kept in maximum resolution.	X			X	X		X			X

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21	DVR-Side Event Rules - The record event must be complied with either the standard or maximum resolution (based on the Event Category Rule) in the DVR so that the un-needed version is not transferred to the server. This will optimize both video storage on the server and video transfer speeds. Any system that uploads 100% of video in High Definition will not be considered.	X			X	X		X			X
22	H.264 Compression - The system must compress all video with H.264 Main profile (not baseline).	X		X			X	X			X
23	Adjustable Pre and Post Event Recording - The system must be capable of automatically capturing and appending both pre-event and post-event video for as little as 15 seconds and up to 10 minutes per event. These settings are to be independently adjustable and restricted by a supervisor. Pre- and post-event times must be continuous with the record event. Systems that record pre- and post-event times onto separate video events will not be acceptable.	X			X	X		X			X
24	Simultaneous Record and Playback - System shall be able to playback previously recorded video while simultaneously recording new video on two cameras and two microphones simultaneously.	X		X		X		X			X
25	Disc Usage Meter and Low Disc Warnings - The system shall have 2 on-screen Disc Usage Meters that graphically show the user how much video is on the current USB Flash Drive and the internal Hard Drive along with how much space remains. Additionally, the system shall have audible and visual warnings when the drive is nearing its capacity.	X			X	X		X			X
26	Automatic VideoOverflow Handling - When a USB Drive fills to video capacity during a recording, the system will automatically store overflow video on the integrated hard drive until a new USB Drive is inserted. The system shall be capable of “overflowing” at least 5 USB Drives worth of Video.		X		X	X		X			X
27	Covert Recording - To allow the user to covertly record, the system shall have the ability for the user to quickly disable the system’s screen and LED indicators while automatically activating all audio and video recording.	X		X		X		X		X	
28	Crash Detection - The system must include a 3-axis, solid-state crash detection sensor. In order to prevent improper installation, the sensor must be factory integrated into the DVR enclosure. Settings must be provided through the system’s graphical menu to allow the agency to choose an appropriate crash sensor sensitivity level in order to minimize false crash detections.	X			X	X		X			X
29	Record Triggers - The emergency lights, siren, auxiliary input, wireless microphone, vehicle speed, and crash detection sensor may all be programmed to automatically activate a new record event.	X		X		X		X		X	
30	Event Categorization - System must allow record events to be categorized via the on screen menu. Categorization selections must be administratively configurable and allow selection via a pre-defined list, numeric text, or alphanumeric text input.	X		X		X		X		X	
31	Programmable Event Categories - System must allow the agency to program up to six different event category prompts in order to collect data deemed relevant regarding each record event. Event prompts must display automatically after each event recording has been stopped by the Officer. Prompts must not preclude the system from continuing to record video to its buffer.	X		X		X		X		X	

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32	Recorded Metadata - System must record event metadata including but not limited to event category, date, time, officer name, record status, microphone status, emergency lighting status, brake status, GPS coordinates, etc. for fast searching and video navigation.	X		X		X		X		X	
33	Auto Stop - The system must have a means of detecting when the system is inadvertently left in record mode. The system must allow an option to prompt the user or automatically stop the record event.	X		X			X	X		X	
34	Record-After-the-Fact - System must have a graphical user interface for recording any portion of the hard drive buffer (events and non-events) as a new recording. This feature must allow the agency to go back approximately 4 days to capture video not previously recorded.		X		X	X		X			X
35	Multiple Camera Support - The system must support a minimum of two (2) cameras with the ability of supporting up to six (6) cameras. Users must be able to activate up to all six (6) of the cameras to record simultaneously through the system's graphical menu. All cameras selected must have the ability of being displayed on the systems display simultaneously while also providing the user with the ability to isolate anyone of the camera images without disrupting the recording of the other cameras. LED indicators for each camera/video stream shall be present and illuminate when its corresponding camera/video stream is active.		X		X	X		X			X
36	High Definition Front Camera – The front camera shall be capable of recording video in multiple resolutions, including 1280x720 (720P) High Definition.		X		X	X		X			X
37	Zoom Camera - The front zoom camera shall be capable of a total zoom of 18x optical zoom.		X		X	X		X			X
38	Camera Controls - The front zoom camera must have backlit controls on the camera back for auto-zoom, zoom in, zoom out, auto-focus, focus far and focus near. All camera controls must also be accessible using the system's touch screen control panel with the addition of the following controls: backlight compensation and night view mode.	X			X	X		X		X*	
39	Backseat Camera - The back seat camera must be a high resolution color camera with at least 420 TV lines of resolution and provide at least 1 LUX sensitivity without the aid of IR lights and the ability to record in total darkness with the aid of IR lights. Black & White cameras shall not be acceptable. Bid price must include a color backseat camera.	X		X		X		X			X
40	Nighttime Optimization - The camera's nighttime optimization setting (Night Mode) must engage and disengage automatically by the DVR without any user intervention in order to eliminate the possibility of the user forgetting to enable Night Mode.	X			X	X		X		X	
41	Optional Combination Camera Upgrade – An optional Combination Camera upgrade shall be available which replaces the separate front and rear cameras with the two (2) cameras built into the same camera housing; a front zoom camera capable of recording up to 1280x720 (720P) High Definition, and color backseat camera with infrared illumination capable of recording in total darkness.	X	X		X		X	X			X
42	Separate Audio Channels - In order to isolate the audio during playback between the wireless microphone and the cabin microphone using a standard left/right stereo fader control, the system shall record the two audio tracks separately onto the left or right channel.	X		X		X		X		X	

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43	Simultaneous Audio Recording - Both audio recording sources must be able to record regardless of what cameras are being recorded.	X		X		X		X		X	
44	High Fidelity Wireless System – They system must include a High Fidelity 900MHz wireless microphone system consisting of a belt pack transceiver and a single charging / synchronization base mounted in the vehicle. The wireless microphone must have near CD audio quality, a 1 to 2 mile line of sight range, and building penetration capabilities.		X		X		X	X			X
45	High Fidelity Wireless Transceiver – The belt pack transceiver must have a lithium polymer rechargeable battery. The transceiver must have its primary audio pick up and antenna built into the transmitter so full operation is possible without a wired lapel microphone or external antenna. Systems with external antennas will not be acceptable as to the risk of restricting officer movement or causing damage to the antenna due to officer activity.	X		X		X		X			X
46	Multi-Mode Transceiver Alerts - Transceiver shall allow the user to set the transceiver's alert mode to accommodate all tactical environments. Alert modes shall include: Beep Only, Beep and Vibrate, Vibrate Only, and Silent.	X		X		X		X			X
47	Variable Transmit Power - In order to produce the longest battery life, the transceiver shall utilize automatic Variable Transmit Power so only necessary transmitting power is used. When needed however, the Transceiver shall automatically transmit at the FCC's maximum allowable power of 50 milliwatts.	X		X		X		X			X
48	Automatic Microphone Activation - The wireless microphone must have the ability to trigger the camera to record, and the camera system must be able to automatically turn on the wireless microphone when the recorder is activated.	X		X		X		X		X	
49	Charging / Synchronization Base - The wireless microphone shall include a single in-car charging / docking base that automatically synchronizes the communication link when the belt pack transmitter is docked into the base. The Base must also have LED indicators for "charging" state an "in-use" state. Systems with separate charging and synchronizing bases will not be acceptable as this will increase the amount of equipment that needs to be installed in the vehicles.	X		X			X	X		X	
50	Microphone Power Management - To simplify installation, the charging/docking station must draw power from the video system, and does not require running additional power cables from the vehicle's electrical system. In addition, when the system is turned off, it must automatically cut power to the Charging Base after allowing the wireless transceiver to fully charge in order to minimize power drain on the vehicle's battery.	X		X			X	X			X
51	Unique Synchronization - Any wireless transmitter(s) shall be capable of synchronizing to any base via the docking cradle which will disable any previously docked transmitter.	X		X		X		X		X	
52	40 Digital Channels - The wireless recording system shall consist of 40 individual channels to avoid multiple systems at the same incident recording on another system.	X		X			X	X		X	
53	Cabin Microphone - Each system must include an internal cabin microphone that will record on a separate sound audio channel from the wireless microphone system when activated. This microphone must be amplified in order to clearly pick-up even the faintest of conversations. Additionally, this microphone must be wired and extendable so that it may be installed in an optimal location for any type of vehicle.	X		X		X		X		X	

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54	Charging and Talk Time - The wireless microphone transceiver with low battery shall become fully charged within 2.5 hours of being placed in the charging station and provide a quick charge feature, which after ten (10) minutes of charging provides 50% battery life. When in-use, the wireless transceiver shall allow for up to 30 hours of continuous talk time and up to 25 days of standby time.	X		X			X	X			X
55	No Deleting or Overwriting Video Shall be Possible - To guarantee data security and integrity, the system shall be able to ensure that the user cannot delete, edit, or erase video data from either the hard drive buffer or the USB Flash Drive.	X		X		X		X		X	
56	Supervisor Controls - The system must provide the ability to restrict access to any and all settings by way of supervisor passwords. Multiple supervisors and supervisor passwords must be supported.	X		X		X		X			X
57	Media Security - Access to the USB Flash drive must be secured by a lock to protect from unauthorized access.	X			X	X		X		X**	
58	Video Authentication - Video must be subjected to a 128-bit MD5 hash prior to being transferred from the DVR to the Server. Every file transfer from then on must include another hash of the file so that the results can be compared and logged each time the file is moved. The results of every hash must be logged and accessible and exported with each record event.	X		X		X		X			X
59	Video Review Access Permissions - The system must allow the agency to restrict video review access in the car. This must not be a single setting that locks out video review altogether. Officers must be able to review their own video. However, with Supervisor or Administrator privileges (configurable) the agency shall be able to review all video buffered on the hard drive.	X		X		X		X			X
60	Cables - The system will include cables necessary for a complete vehicle installation including all power cables, all vehicle system input cables, etc.	X		X		X		X		X	
61	Optional GPS - The system must offer the capability of maintaining the location of the patrol vehicle by Global Positioning System (GPS). When installed, the system shall be able to show vehicle coordinates and speed in the on screen text and recorded meta data. Additionally, GPS shall allow the system to automatically and continually update its date and time to ensure accuracy across the fleet.	X			X	X		X		X	
62	One Year Warranty - Warranty shall be a minimum of one (1) year from the date of shipment.	X			X	X		X		X	
63	Back Office Server Software - System must show pricing for the back-office server software. Server software must be Windows Server 2008 R2 64-bit compatible and utilize Microsoft SQL Server 2008 R2 Standard for its database backend.	X			X	X		X		X	
64	Universal Client Application - System must show pricing for a universal client application. Client software must be compatible with Windows XP Professional and Windows 7 32 and 64 bit versions.	X		X		X		X		X	
65	Fleet Management - System must push configurations and firmware upgrades wirelessly and without any user intervention in the car. Settings must be group based to allow a single setting change to affect a large number of cars instantly.	X			X	X		X			X

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66	Firmware Upgrades - Once pushed to the in-car DVR wirelessly, DVR firmware upgrades must occur without any user intervention in the car.	X			X	X		X			X
67	Security Management - System must have fully customizable user and group based permission that allow administrators to tailor each user's ability to use the system. Specific permissions must be able to allow access to; login and one's video, other's video, restricted video, export video, evidence management, security management, fleet management, edit event data.	X		X		X		X			X
68	Evidence Management - System must allow evidence to be deleted or archived automatically on a schedule or manually according to customizable retention period.	X		X		X		X		X	
69	Metadata Playback Graph - System must allow a full time lined metadata playback graph that graphically shows the status of all vehicle inputs, including speed, radar and braking information so that crucial times of the event may be easily identified during playback.	X		X		X		X			X
70	Export Playback - When exporting video, the system must automatically include a standalone playback application to be included with the exported video. When used on another computer, the playback application must run solely from the export media (DVD, USB, etc.) and not require any software installation on the local playback computer. Video must also be accompanied by a full audit log showing every time the event was moved, reviewed, or exported with full MD5 hash verification data.	X		X		X		X		X	
71	Client Playback Buffering - System must have a built in buffering scheme so that playback from a client begins as soon as the event has downloaded enough of a buffer to begin playback. Systems that require the full event be cached locally before playback initiates will not be considered.	X		X		X		X			X
72	Export Video Anywhere with Permission - System must allow the video to be exported by a user with the appropriate permission from any client computer. Systems that allow exporting video from only a single workstation will not be considered.	X		X		X		X		X	
		QTY	COST PER UNIT	QTY	COST PER UNIT	QTY	COST PER UNIT	QTY	COST PER UNIT	QTY	COST PER UNIT
		8	\$3,995.00	8	\$4,195.00	8	\$5,529.00	8	\$4,795.00	1	\$3,995.00
		SHIPPING	\$240.00								
		TOTAL BID AMOUNT	\$32,200.00	TOTAL BID AMOUNT	\$33,560.00	TOTAL BID AMOUNT	\$59,140.00	TOTAL BID AMOUNT	\$38,360.00	TOTAL BID AMOUNT	\$3,995.00
	AFFIDAVIT COMPLETED	YES		YES		YES		YES		YES	
	COPY OF INSURANCE PROVIDED	NO		YES		NO		YES		YES	
	COMMENTS:	SEE ATTACHED		SEE ATTACHED		SEE ATTACHED		SEE ATTACHED		SEE ATTACHED	



JEFFERSON COUNTY
DEPARTMENT OF ADMINISTRATIVE SERVICES
729 MAPLE ST / PO BOX 100
HILLSBORO MO 63050
WWW.JEFFCOMO.ORG

Invitation for Bid: IN-CAR VIDEO SYSTEMS

Date Issued: 11-15-13

BIDS SHALL BE ACCEPTED UNTIL: TUESDAY, DECEMBER 17, 2013, AT 2:00 P.M. LOCAL TIME.

Specification

Contact:

LT DAVE MARSHAK
Department of the Sheriff
636-797-5023

Contract

Contact:

VICKIE PRATT
Department of Administrative Services
636-797-5382

**Mail (3) Three
Complete Copies
With Vendor And
Bid Information As
Shown In Sample:**

SAMPLE ENVELOPE

VENDOR NAME

VENDOR ADDRESS

CONTACT NUMBER

DEPARTMENT OF THE COUNTY CLERK

JEFFERSON COUNTY MISSOURI

729 MAPLE ST / PO BOX 100

HILLSBORO MO 63050-0100

SEALED BID: (BID NAME)

Contract Term:
**UPON APPROVAL OF THE
COUNTY COUNCIL AND
COUNTY EXECUTIVE**

The undersigned certifies that he/she has the authority to bind this company in an agreement/contract to supply the commodity or service in accordance with all terms, conditions, and pricing specified. This Bid, if accepted, will constitute an Agreement and Contract with Jefferson County, Missouri, upon approval of the County Council and County Executive. Prices are firm during this agreement term, unless agreed upon in writing by the County. The County has the option to renew this agreement at the same terms and conditions as the original agreement for one additional one-year term with the written consent of the successful Bidder. Price increases for renewals are not authorized unless approved in writing by the County.

**Vendor
Information:**

<u>Digital Ally, Inc.</u>	<u>Heath Bideau</u>
Company Name	Authorized Agent (Print)
<u>9705 Loiret Blvd.</u>	<u><i>Heath Bideau</i></u>
Address	Signature
<u>Lenexa, KS 66219</u>	<u>Bid Specialist</u>
City/State/Zip Code	Title
<u>913-814-7774</u>	<u>12-11-13</u>
Telephone #	Date
<u>20-0064269</u>	<u>Tax ID #</u>
<u>bids@digitalallyinc.com</u>	<u>913-814-7775</u>
E-mail	Fax #

67	Security Management - System must have fully customizable user and group based permission that allow administrators to tailor each user's ability to use the system. Specific permissions must be able to allow access to; login and one's video, other's video, restricted video, export video, evidence management, security management, fleet management, edit event data.	X	
68	Evidence Management - System must allow evidence to be deleted or archived automatically on a schedule or manually according to customizable retention	X	

69	Metadata Playback Graph - System must allow a full time lined metadata playback graph that graphically shows the status of all vehicle inputs, including speed, radar and braking information so that crucial times of the event may be easily identified during playback.	X	
70	Export Playback - When exporting video, the system must automatically include a standalone playback application to be included with the exported video. When used on another computer, the playback application must run solely from the export media (DVD, USB, etc.) and not require any software installation on the local playback computer. Video must also be accompanied by a full audit log showing every time the event was moved, reviewed, or exported with full MD5 hash verification data.	X	
71	Client Playback Buffering - System must have a built in buffering scheme so that playback from a client begins as soon as the event has downloaded enough of a buffer to begin playback. Systems that require the full event be cached locally before playback initiates will not be considered.	X	
72	Export Video Anywhere with Permission - System must allow the video to be exported by a user with the appropriate permission from any client computer. Systems that allow exporting video from only a single workstation will not be considered.	X	

Exceptions to Specifications

1. High Definition Video Recording: The Digital Ally DVM-800 records video at 640x480.
2. DVR Mounting: The DVM control center is entirely enclosed in a replacement rear view mirror. The digital processor, CF Card, internal camera, internal microphone, LCD monitor, speaker, and backlit user controls are enclosed in the rear view mirror module. The front facing camera and microphone components are separate of the mirror in order to be mounted in a variety of vehicle locations.
3. Dual Drive Architecture: The DVM-750 System uses a common Compact Flash card form factor memory module. Compact Flash (CF) cards are completely solid state, eliminating most all of the drawbacks to video systems that use hard disk drives to record and store

their data (moving parts, cooling, performance). The CF cards have a shock tolerance of at least 1,000Gs and an operational temperature range of -20C to +75C degrees.

8. Automotive Grade Hard Drive: The DVM-800 System uses a common SD card form factor memory module. SD cards are completely solid state, eliminating most all of the drawbacks to video systems that use hard disk drives to record and store their data (moving parts, cooling, performance).

9. Graphical User Interface: The DVM's system controls are located on the mirror module for ease of operation. System settings, playback, and supervisor controls can be integrated with the car 54 or 54-ward interface systems with touch screens, if desired.

12. LED, Touch Screen Display: The DVM system's 3.5" LCD monitor is enclosed in a replacement rear view mirror. The LCD monitor typical brightness rating is 1,000 nits.

14. Mobile Data Computer Interface: The DVM-800 does not have the ability to interface with the vehicle's MDC.

19. Multiple Resolution Encoding: The DVM-750 System incorporates (1) front facing zoom camera and (1) rear facing color camera. Both cameras can be recorded simultaneously and record at 720x480 (full D1 resolution).

26. Automatic Disc Overflow Handling: The DVM System uses a common Compact Flash card form factor memory module. Compact Flash cards are completely solid state, eliminating most all of the drawbacks to video systems that use hard disk drives to record and store their data (moving parts, cooling, performance). CF cards are upgradable to a 32GB CF card allowing 32 to 60 hours of video per card. The DVM-500 Plus does not allow DVD automatic overflow video storage as our system does not utilize the more troublesome hard drive system.

34. Record After the Fact: The Digital Ally DVM-750, Digital Video Mirror (DVM), utilize technology that is so advanced and so small the entire Digital Video System is integrated into a Rear View Mirror. The DVM Plus simply replaces the factory rear view mirror and total installation time at many departments is one hour or less. The DVM System uses a common Compact Flash card form factor memory module. Compact Flash cards are completely solid state, eliminating most all of the drawbacks to video systems that use hard disk drives to record and store their data (moving parts, cooling, performance).

35. Multiple Camera Support: The DVM-800 supports up to 7 cameras with two (2) recording simultaneously.

36. High Definition Video Recording: The Digital Ally DVM-800 records video at 640x480

37. Zoom Camera: The front zoom camera is capable of a total zoom of 12x optical zoom.

41. Optional Combination Camera Upgrade: This option is not available at this time.

44. High Fidelity Wireless System: The DVM-800 system includes a high quality 2.4 GhZ wireless microphone consisting of a belt pack transceiver and a charging/synchronization based mounted in the vehicle. The wireless microphone has excellent audio quality, a 1,000 feet line of sight range, and building penetration capabilities.

Bidder's Offering for Digital In-Car Video Systems

Digital Ally, Inc. (Bidder) hereby submits the following bid for the above specifications. By my signature below, I am authorized to sign this bid and obligate the bidder to the offering, the terms and conditions, implied and included. If I am not the manufacturer of the item(s) bid, I am an authorized reseller, distributor or other legal representative of the manufacturer for the purpose of this bid and have the ability to deliver the product bid.

8 (qty) units X \$ \$3995.00 each equals \$ 31,960.00 total

Shipping: \$240.00

Total bid amount.....\$ 32,200.00
(if quantity discounts are offered, indicate on attachment and [] check here)

Digital Ally (manufacturer) DVM-800 (model number)

Available Accessories (including Servers, Software, Maintenance and Services)
Attach additional pricing pages if necessary.

<u>VuVault Server Software</u>	\$ <u>1495.00</u> each (Per location)
<u>Dell T1650 Server (2TB Expandable)</u>	\$ <u>2195.00</u> each
<u>Access Points</u>	\$ <u>295.00</u> each
<u></u>	\$ <u></u> each

☒ corporation, [] partnership, [] sole proprietor, [] individual

[] manufacturer, [] distributor, [] agent, [] other _____

X (guaranteed shipping days after receipt of order including weekends and holidays)

Terms: Net 30 Prices guaranteed for 90 calendar days

Digital Ally, Inc (legal name of bidder)

20-00064269 (FIN or SS number) Heath Bidder (signature of bidder) (DBA if appropriate)

Heath Rideau, Bid Specialist (printed name and title)

9705 Loiret Blvd. (address)

Lenexa, KS 66219 (city, state, zip)

913-814-7774 (phone) 800-440-4947 (toll free) 913-814-7775 (fax)

Note all Exceptions taken on previous page (if none so state)



JEFFERSON COUNTY
DEPARTMENT OF ADMINISTRATIVE SERVICES
729 MAPLE ST / PO BOX 100
HILLSBORO MO 63050
WWW.JEFFCOMO.ORG

Invitation for Bid:

IN-CAR VIDEO SYSTEMS

Date Issued: 11-15-13

BIDS SHALL BE ACCEPTED UNTIL: TUESDAY, DECEMBER 17, 2013, AT 2:00 P.M. LOCAL TIME.

Specification

Contact:

LT DAVE MARSHAK
Department of the Sheriff
636-797-5023

Contract

Contact:

VICKIE PRATT
Department of Administrative Services
636-797-5382

**Mail (3) Three
Complete Copies
With Vendor And
Bid Information As
Shown In Sample:**

SAMPLE ENVELOPE

VENDOR NAME

VENDOR ADDRESS

CONTACT NUMBER

DEPARTMENT OF THE COUNTY CLERK

JEFFERSON COUNTY MISSOURI

729 MAPLE ST / PO BOX 100

HILLSBORO MO 63050-0100

SEALED BID: (BID NAME)

Contract Term:

**UPON APPROVAL OF THE
COUNTY COUNCIL AND
COUNTY EXECUTIVE**

The undersigned certifies that he/she has the authority to bind this company in an agreement/contract to supply the commodity or service in accordance with all terms, conditions, and pricing specified. This Bid, if accepted, will constitute an Agreement and Contract with Jefferson County, Missouri, upon approval of the County Council and County Executive. Prices are firm during this agreement term, unless agreed upon in writing by the County. The County has the option to renew this agreement at the same terms and conditions as the original agreement for one additional one-year term with the written consent of the successful Bidder. Price increases for renewals are not authorized unless approved in writing by the County.

Vendor

Information:

Applied Concepts, Inc	Jan Achilles
Company Name	Authorized Agent (Print)
2609 Technology Dr	<i>Jan Achilles</i>
Address	Signature
Plano, Texas 75074	Sales Administration
City/State/Zip Code	Title
972-398-3780	December 12, 2013
Telephone #	Date
sales@stalkerradar.com	Tax ID #
E-mail	972-398-3781
	Fax #

Item #	Specification	Meets Specification?	
		Yes	No
69	Metadata Playback Graph - System must allow a full time lined metadata playback graph that graphically shows the status of all vehicle inputs, including speed, radar and braking information so that crucial times of the event may be easily identified during playback.	X	
70	Export Playback - When exporting video, the system must automatically include a standalone playback application to be included with the exported video. When used on another computer, the playback application must run solely from the export media (DVD, USB, etc.) and not require any software installation on the local playback computer. Video must also be accompanied by a full audit log showing every time the event was moved, reviewed, or exported with full MD5 hash verification data.	X	
71	Client Playback Buffering - System must have a built in buffering scheme so that playback from a client begins as soon as the event has downloaded enough of a buffer to begin playback. Systems that require the full event be cached locally before playback initiates will not be considered.	X	
72	Export Video Anywhere with Permission - System must allow the video to be exported by a user with the appropriate permission from any client computer. Systems that allow exporting video from only a single workstation will not be considered.	X	

Upon request of the agency, a working demonstration shall be provided by a representative of the bidder or by delivery of a sample unit to the agency within 15 working days of the written request. Any and all cost related to this demonstration shall be incurred by the bidder.

Final determination of any purchase will not be exclusively on price. Factors that may be considered are price, ease of installation, interface options, service, warranty, ease of programming, ease of use for the officer with intuitive graphical menus, options, manufacturing support, and other areas determined by the agency.

Exceptions to Specifications

Bidder must provide detailed explanation for any specifications not fully met by the proposed product. Using the following format, indicate both the Item # and explanation for each exception taken.

If no exceptions are taken, state as such.

Line # Exception (use additional sheets if necessary)

*****Please see attached Exceptions sheet *****

[X] Mark here if any additional pages of exceptions are to be attached as part of this bid.

Exceptions:

- 1). High Definition Video Recording - System must record video at 1280x720 Resolution or 720P. **No, CopTrax records video at 720 x 480 resolution.**
- 2). DVR Mounting - The DVR must be able to be mounted in a center console with a 2" faceplate adapter. System must also offer a universal bracket for mounting anywhere in the vehicle, including the trunk if space demands. **CopTrax uses the existing laptop or (MDT) to capture, record and temporarily store video.**
- 8). Integrated Automotive Grade Hard Drive - To ensure recording under all conditions, the system shall have an integrated automotive grade hard drive at least 100 gigabytes in size. The hard drive shall have a shock tolerance of at least 200Gs and an operational temperature range of -30C to +85C degrees. **CopTrax uses the existing hard drive in the laptop.**
10. Selectable Officer Names - The system shall include a simple method for selecting a programmed officer name from a list for rapid login at shift changes. System shall be fully functional if the Officer fails to login. **CopTrax uses the Windows login information to identify the officer.**
- 13). High Quality Audio Subsystem - The system must have speakers built into the remote display control panel for in-car video playback. **CopTrax uses the speakers in the laptop.**
- 14). Optional Mobile Data Computer Interface - The system shall have the ability to interface with the vehicle's mobile data computer (MDC) with optional software provided by the vendor that allows the user to perform at least the following functions; login and logout, camera and microphone activation, record and stop, record event categorization and record event playback. Software shall support Windows XP SP3 and Windows 7 (32 and 64 bit). Connection between the DVR and MDC shall be Ethernet. Application must support touch screen interface. Application shall not leverage the MDC for any processor intensive DVR tasks including, but not limited to video encoding and/or video conversion. **CopTrax uses the laptop in the car to accomplish video encoding.**
- 17). System Shut Down Timers - The system must have two independently

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configurable shutdown timers, selectable from 0 to 60 minutes each that begin after the ignition is turned off. Timer 1 shall simply delay the system's recognition that the ignition has been turned off. Timer 2 must be a low power state timer that allows video to transfer wirelessly and firmware upgrades to continue. If there is no video to transfer or firmware upgrades to perform, Timer 2

must expire and shutdown the system immediately. **The system has one timer not two.**

18). Screensaver- For the comfort and convenience of the users, especially nighttime users, the system must have a screensaver setting that automatically turns off the LCD monitor after a pre-set amount of time. Another setting shall determine if a recording automatically disables Screensaver. Regardless, any button push or touch screen press shall exit screensaver. Screensaver must also be able to be active only when the camera is configured for Night View. The settings shall be saved independently for each user and be remembered when the user logs in. **The CopTrax system does not require a second LCD display, it uses the LCD of the laptop in the car.**

19 Multiple Resolution Encoding - The system must record the front camera in two resolutions at all times. One resolution must be 1280x720 (720P) and the other resolution must be a minimum of 864x480 (480P). **The CopTrax system records video at 720-480 resolution.**

20 Critical Event Rules - In order to maintain an average file size of approximately 1 gigabyte per hour, the system must be configurable to allow each Event Category to be saved in either the maximum or standard resolution. On average, approximately 10% of our agency's recordings will be kept in maximum resolution. **CopTrax video files are smaller than 1 gigabyte per hour. The average 1 hour video is approximately 500 Megabytes per hour.**

21 DVR-Side Event Rules - The record event must be complied with either the standard or maximum resolution (based on the Event Category Rule) in the DVR so that the un-needed version is not transferred to the server. This will optimize both video storage on the server and video transfer speeds. Any system that uploads 100% of video in High Definition will not be considered. **CopTrax does not require the use of a DVR and records all videos at 720 x 480 resolution.**

23). Adjustable Pre and Post Event Recording - The system must be capable of automatically capturing and appending both pre-event and post-event video for as little as 15 seconds and up to 10 minutes per event. These settings are to be

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independently adjustable and restricted by a supervisor. Pre- and post-event times must be continuous with the record event. Systems that record pre- and postevent times onto separate video events will not be acceptable. **The CopTrax system does not support Post event recording. The pre-event recording is 30 seconds.**

25). Disc Usage Meter and Low Disc Warnings - The system shall have 2 on-screen Disc Usage Meters that graphically show the user how much video is on the current USB Flash Drive and the internal Hard Drive along with how much space remains. Additionally, the system shall have audible and visual warnings when the drive is nearing its capacity. **CopTrax uses the Microsoft control panel to manage and display hard drive management settings.**

26 Automatic VideoOverflow Handling - When a USB Drive fills to video capacity during a recording, the system will automatically store overflow video on the integrated hard drive until a new USB Drive is inserted. The system shall be capable of “overflowing” at least 5 USB Drives worth of Video. **CopTrax does not use this feature. Most videos are wireless offloaded and do not require the use of USB thumb drives to offload video.**

28). Crash Detection - The system must include a 3-axis, solid-state crash detection sensor. In order to prevent improper installation, the sensor must be factory integrated into the DVR enclosure. Settings must be provided through the system’s graphical menu to allow the agency to choose an appropriate crash sensor sensitivity level in order to minimize false crash detections. **CopTrax does not use a DVR but can detect crash by using an auxiliary USB crash sensor.**

34). Record-After-the-Fact - System must have a graphical user interface for recording any portion of the hard drive buffer (events and non-events) as a new recording. This feature must allow the agency to go back approximately 4 days to capture video not previously recorded. **CopTrax does not support this feature.**

35). Multiple Camera Support - The system must support a minimum of two (2) cameras with the ability of supporting up to six (6) cameras. Users must be able to activate up to all six (6) of the cameras to record simultaneously through the system’s graphical menu. All cameras selected must have the ability of being displayed on the systems display simultaneously while also providing the user with the ability to isolate anyone of the camera images without disrupting the recording of the other cameras. LED indicators for each camera/video stream shall be present and illuminate when its corresponding camera/video stream is active. **CopTrax supports the use of two videos.**

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36 High Definition Front Camera – The front camera shall be capable of recording video in multiple resolutions, including 1280x720 (720P) High Definition. **The front camera is High Definition including 1280x 720 (720P), but only records in Standard Definition.**

37 Zoom Camera - The front zoom camera shall be capable of a total zoom of 18x optical zoom. **The CopTrax front facing camera supports 10X digital zoom.**

38 Camera Controls - The front zoom camera must have backlit controls on the camera back for auto-zoom, zoom in, zoom out, auto-focus, focus far and focus near. All camera controls must also be accessible using the system's touch screen control panel with the addition of the following controls: backlight compensation and night view mode. **All camera controls are controlled via the CopTrax software on the laptop.**

40 Nighttime Optimization - The camera's nighttime optimization setting (Night Mode) must engage and disengage automatically by the DVR without any user intervention in order to eliminate the possibility of the user forgetting to enable Night Mode. **The CopTrax rear seat camera automatically optimizes with the use of a DVR.**

41 Optional Combination Camera Upgrade – An optional Combination Camera upgrade shall be available which replaces the separate front and rear cameras with the two (2) cameras built into the same camera housing; a front zoom camera capable of recording up to 1280x720 (720P) High Definition, and color backseat camera with infrared illumination capable of recording in total darkness. **The CopTrax camera system utilizes two separate camera units in two separate housings.**

44 High Fidelity Wireless System – They system must include a High Fidelity 900MHz wireless microphone system consisting of a belt pack transceiver and a single charging / synchronization base mounted in the vehicle. The wireless microphone must have near CD audio quality, a 1 to 2 mile line of sight range, and building penetration capabilities. **The CopTrax audio system uses a 2.4 MHz wireless microphone.**

57 Media Security - Access to the USB Flash drive must be secured by a lock to protect from unauthorized access. **Since CopTrax does not use a DVR to house the USB flash drive a lock is not necessary.**

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61 Optional GPS - The system must offer the capability of maintaining the location of the patrol vehicle by Global Positioning System (GPS). When installed, the system shall be able to show vehicle coordinates and speed in the on screen text and recorded meta data. Additionally, GPS shall allow the system to automatically and continually update its date and time to ensure accuracy across the fleet. **All CopTrax systems included GPS. This GPS allows for “real time” GPS tracking of all vehicles whether the vehicle is recording video at the time or not.**

62 One Year Warranty - Warranty shall be a minimum of one (1) year from the date of shipment. **All CopTrax systems come with a two year warranty on all hardware.**

63 Back Office Server Software - System must show pricing for the back-office server software. Server software must be Windows Server 2008 R2 64-bit compatible and utilize Microsoft SQL Server 2008 R2 Standard for its database backend. **The CopTrax Back Office Server Software is included in all pricing per vehicle.**

65 Fleet Management - System must push configurations and firmware upgrades wirelessly and without any user intervention in the car. Settings must be group based to allow a single setting change to affect a large number of cars instantly. **CopTrax does not support this feature.**

66 Firmware Upgrades - Once pushed to the in-car DVR wirelessly, DVR firmware upgrades must occur without any user intervention in the car. **CopTrax does not use a DVR thus does not require firmware upgrades to a DVR.**

applied concepts, inc.

Bidder's Offering for Digital In-Car Video Systems

Applied Concepts, Inc (Bidder) hereby submits the following bid for the above specifications. By my signature below, I am authorized to sign this bid and obligate the bidder to the offering, the terms and conditions, implied and included. If I am not the manufacturer of the item(s) bid, I am an authorized reseller, distributor or other legal representative of the manufacturer for the purpose of this bid and have the ability to deliver the product bid.

8 (qty) units X \$ 4,195 each equals \$ 33,560 total

Total bid amount\$ 33,560
(if quantity discounts are offered, indicate on attachment and [] check here)

Stalker Radar _____ CopTrax - In-car video system
(manufacturer) (model number)

Available Accessories (including Servers, Software, Maintenance and Services)
Attach additional pricing pages if necessary.

-- Dell New Inspiron 14R Touch _____ \$ 700 each

\$ _____ each

\$ _____ each

\$ _____ each

☒ corporation, [] partnership, [] sole proprietor, [] individual

[] manufacturer, [] distributor, [] agent, [] other _____

30 (guaranteed shipping days after receipt of order including weekends and holidays)

Terms: Net 30 Prices guaranteed for 90 calendar days

Applied Concepts, Inc. (legal name of bidder)

Stalker Radar (DBA if appropriate)

75-1544925 (FIN or SS number) Jan Achilles (signature of bidder)

Jan Achilles - Sales Administration (printed name and title)

2609 Technology Dr (address)

Plano, Texas 75074 (city, state, zip)

972-398-3780 (phone) (800) 782-5537 (toll free) 972-398-3781 (fax)

Note all Exceptions taken on previous page (if none so state)

applied concepts, inc.

2609 Technology Dr.
Plano, TX 75074
Phone: 972-398-3780
Fax: 972-398-3781

National Toll Free: 1-800- STALKER
Presented by Jan Achilles Ext: 191

Quotation

Page 1 of 1
Date: 12/11/13

Acct Rep: Jim Fink
214-399-0430

Quote #: 101641

Effective From: 12/11/13

Valid Through: 03/11/14

Bill To:

Department of County Clerk
Jefferson County Missouri
PO Box 100
Hillsboro, MO 63050-0100

ATTN:

630502

Ship To:

Jefferson Co Sheriff's Department
400 First St
Hillsboro, MO 63050-4348
ATTN: Lieutenant Dave Marshak

Line	Qty	Part Number	Description	Price	Ext Price
1	8	015-0221-00	CopTrax Software and License		
2	8	015-0230-00	USB Cable, 6 Ft (2 M)	\$3,945.00	\$31,560.00
3	8	015-0254-02	CopTrax USB Extension Cable, 6 ft (2 M)		\$0.00
4	8	090-0519-06	CopTrax Pedestal Mount for Audio Receiver		\$0.00
5	8	155-2341-06	CopTrax Trigger Cable, 6 Ft (2 M)		\$0.00
6	8	155-2342-06	CopTrax Power Cable, 6 ft (2 M)		\$0.00
7	8	200-0945-01	CopTrax Trigger Box with GPS		\$0.00
8	8	200-0950-00	CopTrax Wireless Audio System		\$0.00
9	8	200-0956-65	CopTrax IR Rear Seat Camera, w/15 ft cable		\$0.00
10	8	200-0957-00	CopTrax Trigger Box Installation Kit		\$0.00
11	8	200-0959-00	CopTrax User Document Kit		\$0.00
12	8	200-0961-00	CopTrax Front Camera w/Windshield Mount Kit		\$0.00
13	8	015-0599-00	CopTrax Titan GPS Antenna, IP67, 1575.42 Mhz		\$0.00
14	8	035-0348-00	CopTrax Shipping Container		\$0.00
15	8	063-0011-00	CopTrax Software Svc Level Agreement-12 Mos		\$0.00
16	8	063-0010-00	CopTrax Hardware-24 Month Warranty	\$250.00	\$0.00
17	8	600-0000-00	CopTrax Factory Installation		\$2,000.00

Print Terms: Net 30 days

**Lead Time is 21 business days
after receipt of order.**

Quote: Stalker CopTrax In-Car Video System

2-Year Warranty Service and Maintenance
1-Year Software Upgrades Free
2nd Year, Software Updates = \$199/car
Cloud Storage = \$50/month/vehicle
Freight is included in price.

Product	33,560.00	Sub-Total:	33,560.00
Discount	0.00%	Sales Tax	0.00%
Trade-in:		Shipping & Handling:	0.00
		Total:	33,560.00

Form Rev 6

If Computers are needed by the department, Applied Concepts would recommend the following:

-- Dell New Inspiron 14R Touch - \$700 ea
With an i5 processor
Window 8, 64-bit
8GB 2 DIMM memory
1TB 5400RPM SATA hard drive
Intel HD Graphics 4400
DVD Drive (reads and writes to DVD/CD)
14" LED Backlit Touch Display with Truelife and HD resolution (1366 x 768)



JEFFERSON COUNTY
DEPARTMENT OF ADMINISTRATIVE SERVICES
729 MAPLE ST / PO BOX 100
HILLSBORO MO 63050
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Invitation for Bid: IN-CAR VIDEO SYSTEMS

Date Issued: 11-15-13

BIDS SHALL BE ACCEPTED UNTIL: TUESDAY, DECEMBER 17, 2013, AT 2:00 P.M. LOCAL TIME.

Specification

Contact:

LT DAVE MARSHAK
Department of the Sheriff
636-797-5023

Contract

Contact:

VICKIE PRATT
Department of Administrative Services
636-797-5382

**Mail (3) Three
Complete Copies
With Vendor And
Bid Information As
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SAMPLE ENVELOPE

VENDOR NAME

VENDOR ADDRESS

CONTACT NUMBER

DEPARTMENT OF THE COUNTY CLERK

JEFFERSON COUNTY MISSOURI

729 MAPLE ST / PO BOX 100

HILLSBORO MO 63050-0100

SEALED BID: (BID NAME)

Contract Term:
**UPON APPROVAL OF THE
COUNTY COUNCIL AND
COUNTY EXECUTIVE**

The undersigned certifies that he/she has the authority to bind this company in an agreement/contract to supply the commodity or service in accordance with all terms, conditions, and pricing specified. This Bid, if accepted, will constitute an Agreement and Contract with Jefferson County, Missouri, upon approval of the County Council and County Executive. Prices are firm during this agreement term, unless agreed upon in writing by the County. The County has the option to renew this agreement at the same terms and conditions as the original agreement for one additional one-year term with the written consent of the successful Bidder. Price increases for renewals are not authorized unless approved in writing by the County.

**Vendor
Information:**

<u>COBAN Technologies, Inc</u>	<u>Ken Souza</u>
Company Name	Authorized Agent (Print)
<u>11375 West Sam Houston Pkwy #800</u>	<u>[Signature]</u>
Address	Signature
<u>Houston, Texas 77031</u>	<u>Vice President of sales</u>
City/State/Zip Code	Title
<u>281-925-0488</u>	<u>01-0593612</u>
Telephone #	Date Tax ID #
<u>Ken.Souza@cobantech.com</u>	<u>281-925-0535</u>
E-mail	Fax #

Bidder's Offering for Digital In-Car Video Systems

Coban Technologies, Inc. (Bidder) hereby submits the following bid for the above specifications. By my signature below, I am authorized to sign this bid and obligate the bidder to the offering, the terms and conditions, implied and included. If I am not the manufacturer of the item(s) bid, I am an authorized reseller, distributor or other legal representative of the manufacturer for the purpose of this bid and have the ability to deliver the product bid.

8 (qty) units X \$ 5529.00 each equals \$ 44,232.00 total

Total bid amount\$ 59,140.00 *Please see Detailed Pricing Pages*
(if quantity discounts are offered, indicate on attachment and [] check here)

COBAN Technologies, Inc (manufacturer) EDGE High Def (model number)

Available Accessories (including Servers, Software, Maintenance and Services)
Attach additional pricing pages if necessary.

Please see Detailed Pricing Pages
\$ each
\$ each
\$ each
\$ each

[X] corporation, [] partnership, [] sole proprietor, [] individual
[X] manufacturer, [] distributor, [] agent, [] other

45 (guaranteed shipping days after receipt of order including weekends and holidays)

Terms: Net 30 Prices guaranteed for 60 calendar days

Coban Technologies, inc (legal name of bidder)
(DBA if appropriate)

01-0593612 (FIN or SS number) (signature of bidder)

Ken Souza (printed name and title)

11375 W. Sam Houston Pkwy, Suite 800 (address)

Houston, Texas, 77031 (city, state, zip)

281-925-0440 (phone) 866-812-6226 (toll free) 281-925-0535 (fax)
Note all Exceptions taken on previous page (if none so state)

Item #	Specification	Meets Specifications?	
		Yes	No
1	High Definition Video Recording - System must record video at 1280x720 resolution, or 720P RESPONSE: COBAN complies with this line item.	X	
2	DVR Mounting - The DVR must be able to be mounted in a center console with a 2" faceplate adapter. System must also offer a universal bracket for mounting anywhere in the vehicle, including the trunk if space demands. RESPONSE: COBAN complies with this line item; however, the 2" faceplate adapter is not needed and is specific to the vendor who provided these specifications.	X	
3	Dual Drive Architecture - System must deploy a dual-drive architecture consisting of a removable solid state USB Flash Drive no smaller than 16GB in size and an integrated automotive grade hard drive at least 100-GB in size. System must support larger USB Flash Drives as well. RESPONSE: COBAN complies with the removable drive requirements, a 60GB Solid State Drive is included as standard. The EDGE High Def system comes standard with two internal solid state drives, 1 – 8GB drive that is for the Operating System and Mobile Video application and 1 - 64GB internal FailSafe drive which stores the video data. This drive can be upgraded if necessary; however, the 64GB drive is designed as a “backup” to the 60GB drive included with the system. The larger drive requirement, as listed in this item, is due to the fact that the vendor does not include an identical in size removable drive and only uses dual drive architecture instead of triple drive. (IE: 16/32GB removable only and therefore isn't a true “backup”).	X	
4	Multiple Video Transfer Mechanisms - System must support video transfer via 802.11n wireless, wired Ethernet, or USB Flash Drive (manual transfer). RESPONSE: COBAN complies with this line item.	X	
5	Automatic Transfer - System must automatically transfer video the moment the vehicle is in range of the wireless or connected to the wired network. The user must not be required to initiate the transfer in any way. RESPONSE: COBAN complies with this line item.	X	
6	Partial Transfers - System must support a vehicle driving off or losing its network connection during video transfer without losing any video. The user must not be required to interface or initiate this in any way. RESPONSE: COBAN complies with this line item.	X	
7	Protected Events - The DVR must protect the buffered version of the event until the server confirms receipt of the entire record event, regardless of the transfer mechanism. RESPONSE: COBAN complies with this line item.	X	
8	Integrated Automotive Grade Hard Drive - To ensure recording under all conditions, the system shall have an integrated automotive grade hard drive at least 100 gigabytes in size. The hard drive shall have a shock tolerance of at least 200Gs and an operational temperature range of -30C to +85C degrees. RESPONSE: The Solid State Drives included in the EDGE HIGH DEF system are rated at -13F – 185F.		X

9	Graphical User Interface - For ease of operation, the system settings, hard drive playback, and supervisor controls are to be accessed through a graphical user interface. No text based user interfaces shall be acceptable. System keys and buttons shall provide a tactile feedback and an audio feedback on key presses. RESPONSE: COBAN complies with this line item.	X	
10	Selectable Officer Names - The system shall include a simple method for selecting a programmed officer name from a list for rapid login at shift changes. System shall be fully functional if the Officer fails to login. RESPONSE: COBAN complies with this line item; however, the user is authenticated via the DVMS server. The user names and passwords of all users are not stored on the media in the car. This makes updating (adding / deactivating) users much more streamlined. The EDGE HIGH DEF solution has 4 different login types to select from.	X	
11	Saved Officer Setting - The system shall have user preference settings that include: LCD Screen Brightness, LED Indicator Brightness, Volume, and Front Camera Auto-Zoom. These setting shall be saved so that when the user logs back in, their settings are restored. RESPONSE: The user names and passwords of all users are not stored on the media in the car. This makes updating (adding / deactivating) users much more streamlined. The EDGE HIGH DEF solution has 4 different login types to select from. Vehicle configuration templates are created by the administrator and settings changes are pushed to the vehicle during the video upload process. Multiple templates for different types of vehicles (DUI, K9, Traffic, etc.) can be established and vehicles can be "dragged and dropped" into the various templates as necessary.		X
12	LED, Touch Screen Display - The system shall have an LED backlit, touch screen liquid crystal display (LCD) that is no less than 4 3 inches (measured diagonally). The display shall have a resolution of at least 480x272, a typical brightness rating of at least 500 nits, a typical contrast ratio of at least 300:1, and a minimum viewing angle of 60 degrees left and right of center for a total of 120 degrees horizontally. RESPONSE: COBAN complies with this line item.	X	
13	High Quality Audio Subsystem - The system must have speakers built into the remote display control panel for in-car video playback. RESPONSE: COBAN complies with this line item.	X	
14	Optional Mobile Data Computer Interface — The system shall have the ability to interface with the vehicle's mobile data computer (MDC) with optional software provided by the vendor that allows the user to perform at least the following functions; login and logout, camera and microphone activation, record and stop, record event categorization and record event playback. Software shall support Windows XP SP3 and Windows 7 (32 and 64 bit). Connection between the DVR and MDC shall be Ethernet. Application must support touch screen interface. Application shall not leverage the MDC for any processor intensive DVR tasks including, but not limited to video encoding and/or video conversion. RESPONSE: COBAN complies with this line item.	X	
15	LED Indicators for Audio, Video and Record - To ensure Officer awareness, the system must have LED indicators showing record, microphone, and camera activity. RESPONSE: COBAN complies with this line item.	X	
16	System Power-Up Behavior Control - The system power behavior must be configurable to allow a supervisor to independently set the system to manually or automatically turn on or off with the vehicle. RESPONSE: COBAN complies with this line item.	X	

17	System Shut Down Timers - The system must have two independently configurable shutdown timers, selectable from 0 to 60 minutes each that begin after the ignition is turned off. Timer 1 shall simply delay the system's recognition that the ignition has been turned off. Timer 2 must be a low power state timer that allows video to transfer wirelessly and firmware upgrades to continue. If there is no video to transfer or firmware upgrades to perform, Timer 2 must expire and shutdown the system immediately. RESPONSE: COBAN complies with this line item. However, COBAN PowerGuard consists of a shutdown time, low voltage sensor and UPS battery. In the event that a low voltage situation is encountered, PowerGuard will automatically switch over to the UPS batter and alert the user. In addition to this, the administrator can configure the amount of time that the shutdown timer is programmed for.	X	
18	Screensaver- For the comfort and convenience of the users, especially nighttime users, the system must have a screensaver setting that automatically turns off the LCD monitor after a pre-set amount of time. Another setting shall determine if a recording automatically disables Screensaver. Regardless, any button push or touch screen press shall exit screensaver. Screensaver must also be able to be active only when the camera is configured for Night View. The settings shall be saved independently for each user and be remembered when the user logs in. RESPONSE: The display can be dimmed or blacked out by the user as needed via the touchscreen display or via one of the programmable function buttons on the wireless transmitter. If this is mandatory, this feature can be enabled in the unit.	X	
19	Multiple Resolution Encoding - The system must record the front camera in two resolutions at all times. One resolution must be 1280x720 (720P) and the other resolution must be a minimum of 864x480 (480P). RESPONSE: COBAN does not comply with this line item. All recordings are recorded at the set rate determined by the administrator. This is configurable in the DVMS software. It is our opinion that allowing the end user to select the quality setting of a potentially evidentiary type of file could result in unnecessary admissibility issues or incorrect classifications.		X
20	Critical Event Rules - In order to maintain an average file size of approximately 1 gigabyte per hour, the system must be configurable to allow each Event Category to be saved in either the maximum or standard resolution. On average, approximately 10% of our agency's recordings will be kept in maximum resolution. RESPONSE: COBAN does not comply with this line item. All recordings are recorded at the set rate determined by the administrator. This is configurable in the DVMS software. It is our opinion that allowing the end user to select the quality setting of a potentially evidentiary type of file could result in unnecessary admissibility issues or incorrect classifications. In the 11+ years of providing digital in car video in a true server storage based solution, it has not been our experience that only 10% of all recorded video is "evidentiary/courtroom" bound. If the storage solution is based on 10%, as soon as that threshold is exceeded, the retention timeframe for all video is shortened. We would like the opportunity to discuss this in further detail.	X	
21	DVR-Side Event Rules - The record event must be complied with either the standard or maximum resolution (based on the Event Category Rule) in the DVR so that the un-needed version is not transferred to the server. This will optimize both video storage on the server and video transfer speeds. Any system that uploads 100% of video in High Definition will not be considered. RESPONSE: COBAN complies with this line item; however, all video is recorded at the same resolution. Only triggered event based videos are uploaded to the server.	X	

22	H.264 Compression - The system must compress all video with H.264 Main profile (not baseline). RESPONSE: COBAN does not comply with this line item. Video is recorded using main profile encoding. (This IS deemed acceptable in a court of law and is used by numerous vendors within this industry).		X
23	Adjustable Pre and Post Event Recording - The system must be capable of automatically capturing and appending both pre-event and post-event video for as little as 15 seconds and up to 10 minutes per event. These settings are to be independently adjustable and restricted by a supervisor. Pre- and post-event times must be continuous with the record event. Systems that record pre- and post-event times onto separate video events will not be acceptable. RESPONSE: COBAN complies with this line item; however, we do not set a 10 minute maximum limit on pre or post even recording, if the department wants to exceed the 10 minute timeframe, they can. In addition to this, the EDGE HIGH DEF FailSafe feature allows an agency to review video that was captured on the FailSafe drive up to 35 hours PRIOR and create additional video files that can be uploaded even though they were initially not a "triggered" event.	X	
24	Simultaneous Record and Playback - System shall be able to playback previously recorded video while simultaneously recording new video on two cameras and two microphones simultaneously. RESPONSE: COBAN complies with this line item.	X	
25	Disc Usage Meter and Low Disc Warnings - The system shall have 2 on-screen Disc Usage Meters that graphically show the user how much video is on the current USB Flash Drive and the internal Hard Drive along with how much space remains. Additionally, the system shall have audible and visual warnings when the drive is nearing its capacity. RESPONSE: COBAN complies with this line item; # of files recorded, files size and amount remaining is all accessible via touchscreen interface.	X	
26	Automatic Video Overflow Handling - When a USB Drive fills to video capacity during a recording, the system will automatically store overflow video on the integrated hard drive until a new USB Drive is inserted. The system shall be capable of "overflowing" at least 5 USB Drives worth of Video. RESPONSE: COBAN complies with this line item. The removable media will provide approximately 33 hours of recording while the FailSafe drive is designed to accommodate 35 hours ensuring a complete "redundancy" on the system. Systems that do not offer identical media capacities are not truly providing a "redundant" system. In regard to the system operating with the missing removable media, the FailSafe drive WILL record video, however the removable media will need to be inserted into the system to transfer "triggered event" video and provide the redundancy that the system is designed to provide. COBAN does not use USB thumb drives as they are not as durable or designed for this type of solution, so we have provided the response information in # of HOURS of VIDEO not devices. (which is important to note as 16GB does not equal 16Hours of HD video.	X	
27	Covert Recording - To allow the user to covertly record, the system shall have the ability for the user to quickly disable the system's screen and LED indicators while automatically activating all audio and video recording. RESPONSE: COBAN complies with this line item .	X	

28	Crash Detection - The system must include a 3-axis, solid-state crash detection sensor. In order to prevent improper installation, the sensor must be factory integrated into the DVR enclosure. Settings must be provided through the system's graphical menu to allow the agency to choose an appropriate crash sensor sensitivity level in order to minimize false crash detections. RESPONSE: COBAN partially complies with this line item. A crash sensor can be provided, however is not required due to the fact that the system has the built in FailSafe drive. Since the failsafe drive is constantly recording, any video leading up to and potentially after the crash will be recorded to the FailSafe even with no triggers being active. COBAN will provide pricing on crash sensors as requested.	X	
29	Record Triggers - The emergency lights, siren, auxiliary input, wireless microphone, vehicle speed, and crash detection sensor may all be programmed to automatically activate a new record event. RESPONSE: COBAN complies with this line item.	X	
30	Event Categorization - System must allow record events to be categorized via the on screen menu. Categorization selections must be administratively configurable and allow selection via a pre-defined list, numeric text, or alphanumeric text input. RESPONSE: COBAN complies with this line item.	X	
31	Programmable Event Categories - System must allow the agency to program up to six different event category prompts in order to collect data deemed relevant regarding each record event. Event prompts must display automatically after each event recording has been stopped by the Officer. Prompts must not preclude the system from continuing to record video to its buffer. RESPONSE: COBAN complies with this line item; however, the COBAN solution does not limit the agency to only 6 categories, the agency can set as many event categories as they deem necessary. A system that is designed with the end user in mind, should not limit them in the ability to configure the system to work in the way they want. SOP should not change because of a limitation of the system.	X	
32	Recorded Metadata - System must record event metadata including but not limited to event category, date, time, officer name, record status, microphone status, emergency lighting status, brake status, GPS coordinates, etc. for fast searching and video navigation. RESPONSE: COBAN complies with this line item.	X	
33	Auto Stop - The system must have a means of detecting when the system is inadvertently left in record mode. The system must allow an option to prompt the user or automatically stop the record event. RESPONSE: COBAN does not comply with this line item. Based on our 11+ year experience in providing digital in car video solutions to Law Enforcement agencies across the United States, we feel this function request has too much potential for a decrease in officer safety and or lost video. Relying on an electronic device to determine whether or not the system should continue to record in situations such as an officer down or not responsive, could potentially stop the recording at a crucial moment. There are at least 3 active record notifications going simultaneously when the system is in active record mode. Wireless mic transmitter beeps / vibrates, LED display on camera and blinking camera buttons on display.	X	

34	Record-After-the-Fact - System must have a graphical user interface for recording any portion of the hard drive buffer (events and non-events) as a new recording. This feature must allow the agency to go back approximately 4 days to capture video not previously recorded. RESPONSE: "Record After the Fact" is a trademarked / Patented term owned by WatchGuard Video, they are the only vendor who can claim compliance with "Record After the Fact". With that being said COBAN complies with desired end result of this requested feature. The EDGE HIGH DEF system comes standard with a 64GB solid state drive. This drive is constantly recording in a FiFo manner. The line item as written is specific to one particular vendor's technology. The FailSafe drive acts as a "redundant / Backup" drive to the removable media. It can be configured to capture the entire shift, triggered events only or not at all. The only video contained on the removable media is "event triggered" video files. Systems that do not offer identical media capacities are not truly providing a "redundant" system. In regards to the system operating with the missing removable media, the FailSafe drive WILL record video, however the removable media will need to be inserted into the system to transfer "triggered event" video files and provide the redundancy that the system is designed to provide. The removable media will provide approximately 33 hours of recording while the FailSafe drive is designed to accommodate 35 hours ensuring a complete "redundancy" on the system.	X	
35	Multiple Camera Support - The system must support a minimum of two (2) cameras with the ability of supporting up to six (6) cameras. Users must be able to activate up to all six (6) of the cameras to record simultaneously through the system's graphical menu. All cameras selected must have the ability of being displayed on the systems display simultaneously while also providing the user with the ability to isolate anyone of the camera images without disrupting the recording of the other cameras. LED indicators for each camera/video stream shall be present and illuminate when its corresponding camera/video stream is active. RESPONSE: COBAN complies with this line item.	X	
36	High Definition Front Camera — The front camera shall be capable of recording video in multiple resolutions, including 1280x720 (720P) High Definition. RESPONSE: COBAN complies with this line item; however, actual mounting location is dependent on how the vehicle is currently outfitted.	X	
37	Zoom Camera - The front zoom camera shall be capable of a total zoom of 18x optical zoom. RESPONSE: COBAN complies with this line item. 18x optical / 12x digital 216x total zoom camera is standard with the system.	X	
38	Camera Controls - The front zoom camera must have backlit controls on the camera back for auto-zoom, zoom in, zoom out, auto-focus, focus far and focus near. All camera controls must also be accessible using the system's touch screen control panel with the addition of the following controls: backlight compensation and night view mode. RESPONSE: COBAN complies with this line item.	X	
39	Backseat Camera - The back seat camera must be a high resolution color camera with at least 420 TV lines of resolution and provide at least 1 LUX sensitivity without the aid of IR lights and the ability to record in total darkness with the aid of IR lights. Black & White cameras shall not be acceptable. Bid price must include a color backseat camera. RESPONSE: COBAN exceeds the requirements in this line item. Rear facing camera is 0 lux.	X	

40	Nighttime Optimization - The camera's nighttime optimization setting (Night Mode) must engage and disengage automatically by the DVR without any user intervention in order to eliminate the possibility of the user forgetting to enable Night Mode. RESPONSE: COBAN exceeds the requirements in this line item. Rear facing camera is 0 lux.	X	
41	Optional Combination Camera Upgrade — An optional Combination Camera upgrade shall be available which replaces the separate front and rear cameras with the two (2) cameras built into the same camera housing; a front zoom camera capable of recording up to 1280x720 (720P) High Definition, and color backseat camera with infrared illumination capable of recording in total darkness. RESPONSE: COBAN does not comply with this line item. COBAN offered a combination camera years ago, however, over time we learned that these combination cameras do not provide adequate "coverage" as most vehicles have a cage "divider" in the vehicle and Lexan / Plexiglas windows on these dividers reflect the IR lighting at night. In addition to this, the combo camera does not all the officer to see the suspect in the back hands / feet.		X
42	Separate Audio Channels - In order to isolate the audio during playback between the wireless microphone and the cabin microphone using a standard left/right stereo fader control, the system shall record the two audio tracks separately onto the left or right channel RESPONSE: COBAN complies with this line item.	X	
43	Simultaneous Audio Recording - Both audio recording sources must be able to record regardless of what cameras are being recorded. RESPONSE: COBAN complies with this line item.	X	
44	High Fidelity Wireless System — They system must include a High Fidelity 900MHz wireless microphone system consisting of a belt pack transceiver and a single charging / synchronization base mounted in the vehicle. The wireless microphone must have near CD audio quality, a 1 to 2 mile line of sight range, and building penetration capabilities. RESPONSE: The wireless transmitter used in the COBAN system is a 900MHz D.S.S microphone with a range of 1,000+ ft. In the 11+ years we have been providing in car video solutions to Law Enforcement agencies, we have never encountered a department in which their officers were 1-2 miles away from their vehicle in an active foot pursuit/investigation.		X
45	High Fidelity Wireless Transceiver — The belt pack transceiver must have a lithium polymer rechargeable battery. The transceiver must have its primary audio pick up and antenna built into the transmitter so full operation is possible without a wired lapel microphone or external antenna. Systems with external antennas will not be acceptable as to the risk of restricting officer movement or causing damage to the antenna due to officer activity. RESPONSE: COBAN complies with this line item.	X	
46	Multi-Mode Transceiver Alerts - Transceiver shall allow the user to set the transceiver's alert mode to accommodate all tactical environments. Alert modes shall include: Beep Only, Beep and Vibrate, Vibrate Only, and Silent. RESPONSE: COBAN complies with this line item.	X	
47	Variable Transmit Power - In order to produce the longest battery life, the transceiver shall utilize automatic Variable Transmit Power so only necessary transmitting power is used. When needed however, the Transceiver shall automatically transmit at the FCC's maximum allowable power of 50 milliwatts. RESPONSE: COBAN complies with this line item.	X	

48	Automatic Microphone Activation - The wireless microphone must have the ability to trigger the camera to record, and the camera system must be able to automatically turn on the wireless microphone when the recorder is activated. RESPONSE: COBAN complies with this line item.	X	
49	Charging / Synchronization Base - The wireless microphone shall include a single in-car charging / docking base that automatically synchronizes the communication link when the belt pack transmitter is docked into the base. The Base must also have LED indicators for "charging" state an "in-use" state. Systems with separate charging and synchronizing bases will not be acceptable as this will increase the amount of equipment that needs to be installed in the vehicles. RESPONSE: COBAN complies with this line item; however, EDGE HIGH DEF does not rely on a synchronization "base". The wireless transmitter is synchronized to the unit's receiver module. Charging cradle can be hardwired to vehicle or portable cigarette lighter type adapter. LED status indicators are built into the transmitter itself so the officer can check the status of the mic when not inside the vehicle.		X
50	Microphone Power Management - To simplify installation, the charging/docking station must draw power from the video system, and does not require running additional power cables from the vehicle's electrical system. In addition, when the system is turned off, it must automatically cut power to the Charging Base after allowing the wireless transceiver to fully charge in order to minimize power drain on the vehicle's battery. RESPONSE: COBAN does not comply with this line item. EDGE HIGH DEF does not rely on a synchronization "base". The wireless transmitter is synchronized to the unit's receiver module. Charging cradle can be hardwired to vehicle or portable cigarette lighter type adapter.		X
51	Unique Synchronization - Any wireless transmitter(s) shall be capable of synchronizing to any base via the docking cradle which will disable any previously docked transmitter. RESPONSE: COBAN complies with this line item; however, EDGE HIGH DEF does not rely on a synchronization "base". The wireless transmitter is synchronized to the unit's receiver module.	X	
52	40 Digital Channels - The wireless recording system shall consist of 40 individual channels to avoid multiple systems at the same incident recording on another system. RESPONSE: COBAN does not comply with this line item. Wireless transmitter has 20 auto switched channels. There is no need for manual channel switching required.		X
53	Cabin Microphone - Each system must include an internal cabin microphone that will record on a separate sound audio channel from the wireless microphone system when activated. This microphone must be amplified in order to clearly pick-up even the faintest of conversations. Additionally, this microphone must be wired and extendable so that it may be installed in an optimal location for any type of vehicle. RESPONSE: COBAN complies with this line item.	X	

54	Charging and Talk Time - The wireless microphone transceiver with low battery shall become fully charged within 2.5 hours of being placed in the charging station and provide a quick charge feature, which after ten (10) minutes of charging provides 50% battery life. When in-use, the wireless transceiver shall allow for up to 30 hours of continuous talk time and up to 25 days of standby time. RESPONSE: Wireless transmitter provides 8-10 hours continuous talk time and between 3-21 days standby based on configuration of microphone. The wireless transmitter that comes standard with the EDGE HIGH DEF is a "smart" mic. It has TWO programmable function buttons that allows the agency to program the buttons to perform various system functions such as: MUTE, Bookmark (tags video with GPS marker / coordinates in the event suspect drops weapon, drugs, etc.), Zoom (officer out of the vehicle and unable to zoom camera manually), Snapshot (takes snapshot of camera view without officer having to be in the vehicle), Covert Transport (activates rear camera and mic and blacks out display when loading or transporting suspect). Most other vendor solutions only offer ONE programmable function button and those functions are usually limited to Mute / On/Off.		X
55	No Deleting or Overwriting Video Shall be Possible - To guarantee data security and integrity, the system shall be able to ensure that the user cannot delete, edit, or erase video data from either the hard drive buffer or the USB Flash Drive. RESPONSE: COBAN complies with this line item. The Solid State Drives used in our system cannot be accessed without the COBAN upload cradle and proper rights/permissions. We do not use "consumer grade / Off the Shelf" USB thumb drives as those devices are not designed for this environment. In addition to the proprietary connection on the drive itself, the drive is encased in a heavy duty metallic enclosure that protects it from exposure to the elements, intentional/unintentional damage.	X	
56	Supervisor Controls - The system must provide the ability to restrict access to any and all settings by way of supervisor passwords. Multiple supervisors and supervisor passwords must be supported. RESPONSE: COBAN complies with this line item. Rights and permissions can be set at User Group or Individual User level.	X	
57	Media Security - Access to the USB Flash drive must be secured by a lock to protect from unauthorized access. RESPONSE: COBAN complies with this line item. The Solid State Drives used in the EDGE HIGH DEF system are secured in place via key lock mechanisms. The Solid State Drives used in our system cannot be accessed externally without the COBAN upload cradle and proper rights/permissions. We do not use "consumer grade / Off the Shelf" USB thumb drives as those devices are not designed for this environment. In addition to the proprietary connection on the drive itself, the drive is encased in a heavy duty metallic enclosure that protects it from exposure to the elements and intentional/unintentional damage.	X	
58	Video Authentication - Video must be subjected to a 128-bit MD5 hash prior to being transferred from the DVR to the Server. Every file transfer from then on must include another hash of the file so that the results can be compared and logged each time the file is moved. The results of every hash must be logged and accessible and exported with each record event. RESPONSE: COBAN complies with this line item. Each video that is recorded has a unique digital signature created for it <u>AT THE TIME OF RECORDING</u> (not just prior to upload). This signature remains constant and is verifiable throughout the life of the video file no matter how many times it is viewed, moved or exported. The original always remains on the server/storage for the "lifespan" set by the administrator.	X	

59	Video Review Access Permissions - The system must allow the agency to restrict video review access in the car. This must not be a single setting that locks out video review altogether. Officers must be able to review their own video. However, with Supervisor or Administrator privileges (configurable) the agency shall be able to review all video buffered on the hard drive. RESPONSE: COBAN complies with this line item.	X	
60	Cables - The system will include cables necessary for a complete vehicle installation including all power cables, all vehicle system input cables, etc. RESPONSE: COBAN complies with this line item.	X	
61	Optional GPS - The system must offer the capability of maintaining the location of the patrol vehicle by Global Positioning System (GPS). When installed, the system shall be able to show vehicle coordinates and speed in the on screen text and recorded meta data. Additionally, GPS shall allow the system to automatically and continually update its date and time to ensure accuracy across the fleet. RESPONSE: COBAN complies with this line item. In addition to this feature, COBAN also offers an AVL solution that allows the department to track the vehicles on shift in a real time environment.	X	
62	One Year Warranty - Warranty shall be a minimum of one (1) year from the date of shipment. RESPONSE: COBAN exceeds this line item. EDGE HIGH DEF comes standard with 3 year limited warranty out of the box, with options to extend for a 4th and 5th year.	X	
63	Back Office Server Software - System must show pricing for the back-office server software. Server software must be Windows Server 2008 R2 64-bit compatible and utilize Microsoft SQL Server 2008 R2 Standard for its database backend. RESPONSE: COBAN complies with this line item. COBAN does not charge for the DVMS server / workstation client software. The DVMS maintenance / support fee per unit covers all COBAN software related support and updates (In car unit, server, and workstations). 2008 Server and SQL are supported in addition to 2012 Server / SQL (2008 is reaching EOL per Microsoft). It is COBANS opinion that this capability should be available no matter what upload method is used.	X	
64	Universal Client Application - System must show pricing for a universal client application. Client software must be compatible with Windows XP Professional and Windows 7 32 and 64 bit versions. RESPONSE: COBAN complies with this line item. COBAN does not charge a "per seat" license for the DVMS client regardless of what type of upload method is used. The DVMS maintenance / support fee per unit covers all COBAN software related support and updates (In car unit, server, and workstations). It is COBANS opinion that this capability should be available no matter what upload method is used.	X	
65	Fleet Management - System must push configurations and firmware upgrades wirelessly and without any user intervention in the car. Settings must be group based to allow a single setting change to affect a large number of cars instantly. RESPONSE: COBAN complies with this line item regardless of what upload method is used. If wireless or wired upload is used, settings are pushed to the vehicles automatically, if removable media upload is used, setting changes are copied to the removable drive and applied when the drive is inserted in the in car unit. It is COBANS opinion that this capability should be available no matter what upload method is used.	X	

66	Firmware Upgrades - Once pushed to the in-car DVR wirelessly, DVR firmware upgrades must occur without any user intervention in the car. RESPONSE: COBAN complies with this line item regardless of what upload method is used. If wireless or wired upload is used, settings are pushed to the vehicles automatically, if removable media upload is used, setting changes are copied to the removable drive and applied when the drive is inserted in the in car unit. It is COBAN's opinion that this capability should be available no matter what upload method is used.	X	
67	Security Management - System must have fully customizable user and group based permission that allow administrators to tailor each user's ability to use the system. Specific permissions must be able to allow access to; login and one's video, other's video, restricted video, export video, evidence management, security management, fleet management, edit event data. RESPONSE: COBAN complies with this line item regardless of upload method used. It is COBAN's opinion that this capability should be available no matter what upload method is used.	X	
68	Evidence Management - System must allow evidence to be deleted or archived automatically on a schedule or manually according to customizable retention period. RESPONSE: COBAN complies with this line item; however, files cannot manually be deleted from the system as that would pose a security risk. All files are "purged or deleted" from the system based on retention levels set by the administrator based on department/State SOP.	X	
69	Metadata Playback Graph - System must allow a full time lined metadata playback graph that graphically shows the status of all vehicle inputs, including speed, radar and braking information so that crucial times of the event may be easily identified during playback. RESPONSE: COBAN complies with this line item.	X	
70	Export Playback - When exporting video, the system must automatically include a standalone playback application to be included with the exported video. When used on another computer, the playback application must run solely from the export media (DVD, USB, etc.) and not require any software installation on the local playback computer. Video must also be accompanied by a full audit log showing every time the event was moved, reviewed, or exported with full MD5 hash verification data. RESPONSE: COBAN complies with this line item. It is COBAN's opinion that this capability should be available no matter what upload method is used.	X	
71	Client Playback Buffering - System must have a built in buffering scheme so that playback from a client begins as soon as the event has downloaded enough of a buffer to begin playback. Systems that require the full event be cached locally before playback initiates will not be considered. RESPONSE: COBAN complies with this line item.	X	
72	Export Video Anywhere with Permission - System must allow the video to be exported by a user with the appropriate permission from any client computer. Systems that allow exporting video from only a single workstation will not be considered. RESPONSE: COBAN complies with this line item. COBAN does not charge a per seat license for the client. It can be loaded on as many workstations as needed.	X	



11375 W. Sam Houston Parkway South #800
Houston, TX 77031
P. 281-925-0488 | F. 281-925-0535

Quotation Expiration: 60 Days
Terms: Net 30 Days
FOB Point: Destination

Detailed Pricing Pages Jefferson County Sheriff

Prepared for:

Address

City, State

Missouri

Contact

Quote #	Date
RFP	12/11/2013
Prepared by:	
Larry Marr 713-501-4042	
QT Version 20131206	

Part Number	Description	List Price	Quoted	Quantity	Total
COBAN IN-CAR SYSTEM - EDGE HD					
EDGE HD IN-CAR SYSTEM 5.7" touchscreen monitor GPS PowerGuard w/ UPS 8 GB internal SSD OS drive 64 GB internal SSD Fall-Safe drive 60 GB removable SSD Front facing color camera Wireless microphone Covert backseat microphone Internal 802.11 a/g/n wireless card Three year limited hardware warranty					
SYSED-05		\$ 5,940.00	\$ 5,075.00	8	\$ 40,600.00
Mounting Equipment					
MZZ-01	Adapter Plate (required for all cars, except for Ford Crown Victoria and 2012 Dodge Charger)	\$ 120.00	\$ 92.00	8	\$ 736.00
VIDEO EQUIPMENT AND OPTIONS					
SCOPT-31	Detached Wide Angle IR Camera (includes 1 - 12ft extension)	\$ 200.00	\$ 169.00	8	\$ 1,352.00
SCOPT-27	Two (2) Dual Band Antennas 802.11 A/G/N	\$ 230.00	\$ 193.00	8	\$ 1,544.00
SCAA-014	Support Kit 4GB USB / Keyboard - EDGE	\$ 110.00	\$ 89.00	1	\$ 89.00
STANDARD EXTENDED HARDWARE WARRANTY - FIRST/SECOND/THIRD YEAR INCLUDED					
WARR-E4	EDGE Fourth Year Extended Warranty	\$ 460.00			\$ -
WARR-E5	EDGE Fifth Year Extended Warranty	\$ 632.50			\$ -
VIDEO TRANSFER					
REMOVABLE HARD DRIVE UPLOAD					
BMIS-13	Removable Hard Drive Upload Cradle	\$ 290.00	\$ 250.00	1	\$ 250.00
BMIS-04	Removable Hard Drive Multi Upload Cradle (4 HDD)	\$ 1,140.00			\$ -
WIRELESS HARDWARE					
CISCO Access Point 802.11n Package - 1 yr Smart Net - Power Adapter - Power Injector - Jumper Cables - Antenna - Lighting Arrestor (s)					
WAP-003		\$ 1,495.00			TBD, Bid did not elaborate on if wireless upload hardware was to be quoted.
OUTDOOR OPTIONS					
WAP-28	NEMA Enclosure Package - Jumper Extension Cables	\$ 600.00			\$ -
WIRELESS SERVICES					
Note: All prices may change depending on outcome of site survey. A. All electrical, conduit, pipe stubs, cores, raceways, chases, sleeves, plywood, dumpsters, etc. are to be provided and installed by others. B. All work to be done during the normal workday. C. All cable to be plenum rated. D. Cross-connects and patch cables are not part of this price. E. Electronics for data to be provided and installed by others. F. Labor is guaranteed to be as specified, and the above work to be performed in accordance with drawings and specifications submitted for above work and completed in a substantial workmanlike manner.					
LINST-06	Full Wireless Equipment Installation AP and Antenna Installation, Cabling, Testing - Per Access Point	\$ 1,780.00			TBD, Bid did not elaborate on if wireless upload hardware was to be quoted.
BACK OFFICE STORAGE AND ARCHIVAL SERVICES					
BSVR-01	SERVER	\$ -	\$ 5,463.00	1	\$ 5,463.00
BUPS-01	UPS	\$ -	\$ 401.00	1	\$ 401.00



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Detailed Pricing Pages Jefferson County Sheriff

Prepared for:

Address

City, State

Missouri

Contact

Quote #	Date
RFP	12/11/2013
Prepared by: Larry Marr 713-501-4042 QT Version 20131206	

AUTO DVD BURNER EQUIPMENT, INSTALLATION, SOFTWARE & CONFIGURATION

	RIMAGE Auto DVD Burner Built in PC all-in-one - Automated Robotic CD/DVD Back-up Solution-Table Top Note: DVMS extended storage capabilities with DVD Burner: DVMS-Automated DVD Burning Software must be purchased whether DVD burner is supplied by Coban or PD. Also requires WLIC-14 license and setup.	\$ 6,250.00		Optional
BDVD-12	RIMAGE Second/Third Year Hardware Warranty	\$ 2,600.00		Optional
WMAIN-09	COBAN DVMS Automated DVD Burning Solution Software - Software License with First Year Technical Support	\$ 3,440.00		Optional
WLIC-14	COBAN DVMS Automated DVD Burning Solution Software Annual Renewal - Software Maintenance and Technical Support	\$ 690.00		Optional
WMAIN-117	COBAN DVMS Automated DVD Burning Solution Software Annual Renewal - Software Maintenance and Technical Support			

DVMS - SOFTWARE MAINTENANCE AND TECHNICAL SUPPORT

WLIC-01	COBAN DVMS SOLUTION - Software License with First Year Technical Support (per unit)	\$ 290.00	\$ 200.00	8	\$ 1,600.00
WMAIN-110	COBAN DVMS SOLUTION ANNUAL RENEWAL - Software Maintenance and Technical Support (per unit)	\$ 290.00			\$ -

INSTALLATION OPTIONS

LINST-10	EDGE Hardware Installation (per vehicle) - COBAN certified personnel to install equipment on site. CAN NOT be in conjunction of LSET-19	\$ 550.00	\$ 445.00	8	\$ 3,560.00
LINST-15	Quick In-Car Hardware De-installation (per vehicle) - Main components are salvaged, cables and wiring are disposed.	\$ 200.00			\$ -
LINST-04	Detailed In-Car Hardware De-installation (per vehicle) - Main components, cables and wiring are salvaged.	\$ 290.00			\$ -

BACK OFFICE SETUP CONFIGURATION AND SERVICES

LSET-17	BACKOFFICE SETUP PACKAGE A Initial project Deployment Includes 2 Day Onsite Back Office Setup (Configuration, Setup, Training). Includes travel/accommodations for 2 night.	\$ 3,440.00	\$ 2,995.00	1	\$ 2,995.00
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LSET-18	One Day Additional Onsite Setup	\$ 1,380.00	\$ 1,195.00		TBD, required if wireless is deployed.
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TRAINING

LTRN-01	On-Site In-Car Installation Training (Training up to two types of vehicles) Upon completion of training course, agency personnel are trained on installation of Coban Hardware	\$ 2,550.00	\$ 1,995.00		Optional
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SHIPPING

LFEE-050	Shipping - In-Car Equipment (EDGE, M7 MDC, M7 VMDC, ALPR)	\$ 50.00	\$ 50.00	8	\$ 400.00
LFEE-055	Shipping - Back Office Hardware (Server, Auto DVD, Interview, Jail) Each	\$ 150.00	\$ 150.00	1	\$ 150.00

Subtotal \$ 59,140.00
GRAND TOTAL \$ 59,140.00

Assumptions

1. If required, bid bond, performance bond, permits and fees will be at additional costs.
2. A tax exempt number will be provided upon acceptance of this proposal.



11375 W. Sam Houston Parkway S. #800
Houston, Texas 77031
P. 281.925.0488 | F. 281.925.0535

Server Specifications -

Prepared for:

Jefferson County Sheriff

	Description	
PowerEdge T420		1
3 Year ProSupport and NBD On-site Service		
No Installation		
Maintenance Declined		
PowerEdge T420 Shipping		
On-Board Dual Gigabit Network Adapter		
Broadcom 5720 DP 1Gb Network Interface Card		
Basic Management		
Chassis with up to 8, 3.5" Hot-Plug Hard Drives		
Security Bezel		
Power Saving Dell Active Power Controller		
Raid 5 for H710P/H710/H310 (3-16 HDDs)		
PERC H310 Integrated RAID Controller, Full Height		
Intel® Xeon® E5-2430 2.20GHz, 15M Cache, 7.2GT/s QPI, Turbo, 6C, 95W, Max Mem 1333MHz		
No Additional Processor		
(2) 4GB RDIMM, 1333 MT/s, Low Volt, Single Rank, x4 Data Width		
1333 MHz RDIMMs		
Performance Optimized		
(4) 2TB 7.2K RPM SATA 3Gbps 3.5in Hot-plug Hard Drive		
Electronic System Documentation and OpenManage DVD Kit for T420		
DVD+/-RW, SATA, Internal		
Tower Chassis, No Casters		
Dual, Hot-plug, Redundant Power Supply (1+1), 495W		
(2) NEMA 5-15P to C13 Wall Plug, 125 Volt, 15 AMP, 10 Feet (3m), Power Cord		
Keyboard and Optical Mouse, USB, Black, English, with 17 LCD Monitor		
Windows 2012 Standard (5 CALS) / SQL Express		
No Operating System Media Kit		

UPS

Dell UPS, Tower, 1000W, 120V, with 5-15P to C13, 3m input cord	1
3Yr Basic Hardware Warranty Repair: 5x10 HW-Only, 5x10 NBD Onsite	
Onsite Installations Declined	



11375 W. Sam Houston Parkway South #800
Houston, TX 77031

P. 281-925-0488 | F. 281-925-0535

Quotation Expiration: 60 Days
Terms: Net 30 Days
FOB Point: Destination

Lease Payment Options	11-Dec-13
COBAN Technologies, Inc	
11375 W Sam Houston Pkwy S # 800	
Houston, Texas 77031	
Equipment Price	\$ 59,140.00
<u>\$1.00 Purchase Lease or Finance Agreement</u>	
24 month payment	\$2,697.38
36 month payment	\$1,837.48
48 month payment	\$1,407.53
60 month payment	\$1,150.86
ALL PAYMENTS ARE SUBJECT TO AN APPROVAL & APPLICABLE TAX	
- Semi-annual & annual Terms available	
- Unsecured lease with no blanket liens, loan covenants, or additional collateral required	
- Payments are fixed for the term with no annual financial review or early call by lender	
<u>Longer term options available for \$100,000 and above transactions</u>	
Please contact us for more information.	



JEFFERSON COUNTY
DEPARTMENT OF ADMINISTRATIVE SERVICES
729 MAPLE ST / PO BOX 100
HILLSBORO MO 63050
WWW.JEFFCOMO.ORG

Invitation for Bid: IN-CAR VIDEO SYSTEMS

Date Issued: 11-15-13

BIDS SHALL BE ACCEPTED UNTIL: TUESDAY, DECEMBER 17, 2013, AT 2:00 P.M. LOCAL TIME.

Specification

Contact:

LT DAVE MARSHAK
Department of the Sheriff
636-797-5023

Contract

Contact:

VICKIE PRATT
Department of Administrative Services
636-797-5382

SAMPLE ENVELOPE

**Mail (3) Three
Complete Copies
With Vendor And
Bid Information As
Shown In Sample:**

VENDOR NAME

VENDOR ADDRESS

CONTACT NUMBER

DEPARTMENT OF THE COUNTY CLERK

JEFFERSON COUNTY MISSOURI

729 MAPLE ST / PO BOX 100

HILLSBORO MO 63050-0100

SEALED BID: (BID NAME)

**Contract Term:
UPON APPROVAL OF THE
COUNTY COUNCIL AND
COUNTY EXECUTIVE**

The undersigned certifies that he/she has the authority to bind this company in an agreement/contract to supply the commodity or service in accordance with all terms, conditions, and pricing specified. This Bid, if accepted, will constitute an Agreement and Contract with Jefferson County, Missouri, upon approval of the County Council and County Executive. Prices are firm during this agreement term, unless agreed upon in writing by the County. The County has the option to renew this agreement at the same terms and conditions as the original agreement for one additional one-year term with the written consent of the successful Bidder. Price increases for renewals are not authorized unless approved in writing by the County.

**Vendor
Information:**

WatchGuard Video	Jason Stuczynski
Company Name	Authorized Agent (Print)
415 Century Parkway	<i>JS</i>
Address	Signature
Allen, TX 75013	Vice President of Sales
City/State/Zip Code	Title
(972) 423-9777	11-3717781
Telephone #	Date
bids@watchguardvideo.com	(972) 423-9778
E-mail	Fax #

Item #	Specification	Meets Specification?	
		Yes	No
69	Metadata Playback Graph - System must allow a full time lined metadata playback graph that graphically shows the status of all vehicle inputs, including speed, radar and braking information so that crucial times of the event may be easily identified during playback.	X	
70	Export Playback - When exporting video, the system must automatically include a standalone playback application to be included with the exported video. When used on another computer, the playback application must run solely from the export media (DVD, USB, etc.) and not require any software installation on the local playback computer. Video must also be accompanied by a full audit log showing every time the event was moved, reviewed, or exported with full MD5 hash verification data.	X	
71	Client Playback Buffering - System must have a built in buffering scheme so that playback from a client begins as soon as the event has downloaded enough of a buffer to begin playback. Systems that require the full event be cached locally before playback initiates will not be considered.	X	
72	Export Video Anywhere with Permission - System must allow the video to be exported by a user with the appropriate permission from any client computer. Systems that allow exporting video from only a single workstation will not be considered.	X	

Upon request of the agency, a working demonstration shall be provided by a representative of the bidder or by delivery of a sample unit to the agency within 15 working days of the written request. Any and all cost related to this demonstration shall be incurred by the bidder.

Final determination of any purchase will not be exclusively on price. Factors that may be considered are price, ease of installation, interface options, service, warranty, ease of programming, ease of use for the officer with intuitive graphical menus, options, manufacturing support, and other areas determined by the agency.

Exceptions to Specifications

Bidder must provide detailed explanation for any specifications not fully met by the proposed product. Using the following format, indicate both the Item # and explanation for each exception taken.

If no exceptions are taken, state as such.

Line #	Exception (use additional sheets if necessary)
	None taken.

[illegible]

[] Mark here if any additional pages of exceptions are to be attached as part of this bid.

Bidder's Offering for Digital In-Car Video Systems

WatchGuard Video

my signature below, I am authorized to sign this bid and obligate the bidder to the offering, the terms and conditions, implied and included. If I am not the manufacturer of the item(s) bid, I am an authorized reseller, distributor or other legal representative of the manufacturer for the purpose of this bid and have the ability to deliver the product bid.

8 (qty) units X \$ 4,795.00 each equals \$ 38,360.00 total

Total bid amount \$ 42,620.00**

(if quantity discounts are offered, indicate on attachment and [] check here) **Total bid amount includes items listed below.**

WatchGuard Video (manufacturer) 4RE (model number)

Available Accessories (including Servers, Software, Maintenance and Services)
Attach additional pricing pages if necessary.

4RE Server Software, EL3 \$ 1,760.00 each

System Configuration \$ 2,500.00 each

\$ each

\$ each

☒ corporation, [] partnership, [] sole proprietor, [] individual

☒ manufacturer, [] distributor, [] agent, [] other

45 (guaranteed shipping days after receipt of order including weekends and holidays)

Terms: Net 30 Prices guaranteed for 90 calendar days

Enforcement Video, LLC (legal name of bidder)

WatchGuard Video (DBA if appropriate)

11-3717781 (FIN or SS number) (signature of bidder)

Jason Stuczynski, Vice President of Sales (printed name and title)

415 Century Parkway (address)

Allen, TX 75013 (city, state, zip)

(972) 423-9777 (phone) (800) 605-6734 (toll free) (972) 423-9778 (fax)

Note all Exceptions taken on previous page (if none so state)



ATTACHMENTS

Section Contents:

Solution Cost Breakdown	29
Warranties and Maintenance	31
4RE Solution Overview	39



SOLUTION COST BREAKDOWN

REQUIRED ITEMS

These items were specified in the request for bids and/or are required for system operation.

Item #	Description	Qty.	Unit Price	Extended Price
IN-CAR HARDWARE				
1	4RE HIGH DEFINITION IN-CAR VIDEO SYSTEM <i>Includes:</i> Zero Sightline HD Front Camera Separate Back Seat Camera Integrated GPS Crash detection DVR with integrated 64GB solid state drive 16GB USB drive 4.3" touch screen remote display control panel Cabin microphone Hi-Fi Wireless microphone kit All mounting hardware and cabling and accessories needed for installation 1-Year warranty on ALL in-car components (See Warranty and Maintenance section) Shipping and Handling	8	\$4,795.00	\$38,360.00
2	HD ZOOM CAMERA UPGRADE <i>Replaces the Zero Sightline Front Camera with a HD Zoom Front Camera</i>		\$200.00	\$0.00
3	HARD DRIVE UPGRADE <i>Upgrade to a 200GB Automotive Grade Hard Drive</i>		\$0.00	\$0.00
In-Car Hardware Total				\$38,360.00
BACK OFFICE SOFTWARE				
4	4RE SERVER SOFTWARE, EL3 <i>Includes: 5 Clients and 1 year of Software Protection.</i>	1	\$1,760.00	\$1,760.00
5	4RE CLIENT SOFTWARE, EL3, ADDITIONAL COPIES		\$75.00	\$0.00
Back Office Software and Hardware Total				\$1,760.00
EXTENDED WARRANTIES AND MAINTENANCE				
6	WARRANTY, 4RE, IN-CAR, 2ND YEAR (MONTHS 13-24)		\$100.00	\$0.00
7	WARRANTY, 4RE, IN-CAR, 3RD YEAR (MONTHS 25-36)		\$200.00	\$0.00
8	WARRANTY, 4RE, IN-CAR, 4TH YEAR (MONTHS 37-48)		\$325.00	\$0.00
9	WARRANTY, 4RE, IN-CAR, 5TH YEAR (MONTHS 49-60)		\$450.00	\$0.00
10	SOFTWARE PROTECTION, EL, ADDL. 1ST YEAR (PER 4RE)		\$95.00	\$0.00
11	SOFTWARE PROTECTION, EL, ADDL. 2ND YEAR (PER 4RE)		\$95.00	\$0.00
12	SOFTWARE PROTECTION, EL, ADDL. 3RD YEAR (PER 4RE)		\$95.00	\$0.00
13	SOFTWARE PROTECTION, EL, ADDL. 4TH YEAR (PER 4RE)		\$95.00	\$0.00
Extended Warranties and Maintenance Total				\$0.00
IMPLEMENTATION SERVICES				
14	SYSTEM CONFIGURATION <i>Includes:</i> Configuration services per location WG Technical Services on-site installing and configuring Evidence Library, Remote Client, and SQL database Programming all access points and available DVR units End-to-end system testing Training for in-car hardware end users, back office software users, and system administrators	1	\$2,500.00	\$2,500.00
Implementation Services Total				\$2,500.00
4RE SOLUTION TOTAL				\$42,620.00

OPTIONAL ITEMS

Some or all of these items may be purchased from WatchGuard Video. The County may also elect to purchase them separate from this Invitation for Bids.

Item #	Description	Qty.	Unit Price	Extended Price
IN-CAR HARDWARE				
1	4RE IN-CAR 802.11n WIRELESS KIT, 5GHz <i>Includes: Radio, Antenna, PoE, 2-10' Ethernet Cables</i>	8	\$200.00	\$1,600.00
BACK OFFICE SOFTWARE AND HARDWARE				
2	4RE SERVER, TOWER 1-5 CONCURRENT CARS <i>(7.8TB usable, Win 7, Keyboard, Monitor, Mouse, w/SQL Server 1CAL</i>	1	\$3,840.00	\$3,840.00
3	WIFI ACCESS POINT, 802.11n, 5GHz, SECTOR <i>Includes PoE</i>	2	\$250.00	\$500.00
IMPLEMENTATION SERVICES				
4	4RE SYSTEM INSTALLATION, IN-CAR (PER UNIT)	8	\$300.00	\$2,400.00
5	4RE ACCESS POINT INSTALLATION	2	\$1,000.00	\$2,000.00
OPTIONAL ITEMS TOTAL				\$10,340.00

4RE IN-CAR HARDWARE WARRANTIES AND SOFTWARE MAINTENANCE

- **Hardware Warranty** includes **ALL** components in the vehicle, including cameras, DVR, wireless microphone, control panel, and wireless equipment. Warranty coverage begins upon installation.
- **Software Protection** includes **ALL** software related support, including all firmware and software upgrades released by WatchGuard. We release major upgrades approximately every 9 to 12 months.

Year #	Hardware Warranty	Software Protection
Year 1	Included	Included
Year 2	\$100	\$95
Year 3	\$200	\$95
Year 4	\$325	\$95
Year 5	\$450	\$95

Limited In-Car Hardware Warranty

WatchGuard Video, in recognition of its responsibility to provide quality systems, components, and workmanship, warrants each system, part, and component it manufactures first sold to an end user to be free from defects in material and workmanship for a period of **ONE-YEAR** from the date of purchase. A defective component that is repaired or replaced under this limited warranty will be covered for the remainder of the original warranty period. Where defects in material or workmanship may occur, the following warranty terms and conditions apply:

WARRANTOR – This warranty is granted by WatchGuard Video, 415 Century Parkway, Allen, TX 75013, Telephone: 972-423-9777, Facsimile: 972-423-9778.

PARTIES TO WHOM WARRANTY IS INTENDED – This warranty extends to the original end user of the equipment only and is not transferable. Any exceptions must be approved in writing from WatchGuard Video.

PARTS AND COMPONENTS COVERED – All parts and components and repair labor of the warranted unit manufactured and/or installed by WatchGuard Video are covered by this warranty, except those parts and components excluded below.

PARTS AND COMPONENTS NOT COVERED – The Limited Warranty excludes normal wear-and-tear items such as frayed or broken cords, broken connectors, and scratched or broken displays. WatchGuard reserves the right to charge for damages resulting from abuse, improper installation, or extraordinary environmental damage (including damages caused by spilled liquids) to the unit during the warranty period at rates normally charged for repairing such units not covered under the Limited Warranty. In cases where potential charges would be incurred due to said damages, the agency submitting the system for repairs will be notified. Altered, damaged, or removed serial numbers results in voiding this Limited Warranty. If while under the warranty period, it is determined that the WatchGuard Video system was internally changed, modified, or repair attempted, the system warranty will become null and void.

LIMITED LIABILITY – WatchGuard Video's liability is limited to the repair or replacement of components found to be defective by WatchGuard Video. WatchGuard Video will not be liable for any direct, indirect,



consequential, or incidental damages arising out of the use of or inability to use the system even if the unit proved to be defective. WatchGuard Video will not be responsible for any removal or re-installation cost of the unit or for damages caused by improper installation.

REMEDY – If, within the duration of this warranty, a unit or component covered by this warranty is returned to WatchGuard Video and proves to be defective in material or workmanship, WatchGuard Video shall (at its option) repair or replace any defective components or offer a full refund of the purchase price . Replacement of a defective component(s) pursuant to this warranty shall be warranted for the remainder of the warranty period applicable to the system warranty period.

SHIPPING – During the first ninety (90) days of the initial warranty period, WatchGuard Video will provide a prepaid shipping label to return any defective unit for end users in the continental United States provided serial numbers are submitted with request. In such event, contact WatchGuard's Customer Service Department to request a return material authorization (RMA) number. Failure to obtain and use a WatchGuard Video prepaid shipping label in the first ninety days (90) on the return shipment will result in the end user being responsible for shipping costs to WatchGuard Video. After the first ninety (90) days, the end user will be responsible for any shipping charges to WatchGuard Video. WatchGuard Video will return ship the product to a customer within the continental United States by prepaid ground shipping only. Any expedited shipping costs are the responsibility of the end user.

Customers that are outside the continental United States will be responsible for all transportation costs both to and from WatchGuard Video's factory for warranty service, including without limitation to any export or import fees, duties, tariffs, or any other related fees that may be incurred during transportation.



You may also obtain warranty service by contacting your local WatchGuard Authorized Service Center (ASC) for shipping instructions. A list of local ASCs may be obtained by contacting WatchGuard's Customer Service Department. Customers will be responsible for all transportation costs to and from the local ASC for warranty service.

EXTENDED WARRANTY – Extended Warranties may be purchased directly from WatchGuard Video. Any and all extended warranties must be purchased prior to the expiration of any previous warranty. Failure to purchase an extended warranty prior to the expiration of the warranty period will require the covered unit to be physically inspected at the facility of the manufacturer and any repairs necessary to bring the unit back to full working order must be performed prior to the issuance of any new warranty. The customer will be responsible for the cost of the inspection (equal to 1 hour of labor) plus the standard costs associated with any required repairs. Should you have any further questions regarding the WatchGuard Video limited warranty, please direct them to:

WatchGuard Video

Attn: Customer Service Department

415 Century Parkway

Allen, Texas 75013

(800) 605-6734 Toll Free Main Phone

(866) 384-8567 Toll Free Queued Customer Service

(972) 423-9777 Main

(972) 423-9778 Fax

www.watchguardvideo.com

support@watchguardvideo.com

Evidence Library Software Protection Plan

TERMS AND CONDITIONS

Your WatchGuard Software Protection Plan for Evidence Library (herein referred to as the "Software Protection Plan") is governed by these Terms and Conditions and constitutes your contract with WatchGuard as described below. Subject to these Terms and Conditions,

- (i) The Evidence Library Software ("Covered Software") first sold to an end user is guaranteed to be free from defects in material or workmanship for the duration of the Coverage Period.
- (ii) The Software Protection Plan provides you with access to telephone technical support and web-based support resources for the Covered Software.
- (iii) The Software Protection Plan provides you with access to software service packs and minor software updates,

The Software Protection Plan can be extended beyond the first year for years 2-5 provided payment for the annual Software Protection Plan for each year is made to WatchGuard prior to the end of the Coverage Period. The Software Protection Plan must be carried consecutively without any lapses in yearly coverage across the entire fleet of vehicles in which a 4RE unit was purchased. WatchGuard will track the serial numbers of each 4RE unit and associate coverage with the Software Protection Plan respectively. All 4RE In-Car and 4RE IT related hardware is excluded under the Software Protection Plan.

The duration of the Software Protection Plan ("Coverage Period") is for the period specified in the Coverage Period on the preceding page. WatchGuard may restrict service provided under this Software Protection Plan to the Covered Software's original country of purchase.

Service Options:

- (i) Remote Service which includes call center, on-line chat, email, will call, and remote desktop service, is provided free of charge for the Coverage Period. In instances where remote desktop capability is accessible, WatchGuard will make every reasonable effort to provide a solution remotely.
- (ii) On-Site Technical Service must be scheduled in advance and is available at a minimum daily rate. Contact WatchGuard for further information regarding rates and availability.

TECHNICAL SUPPORT

Telephone and Web Support.

During the Coverage Period WatchGuard will provide you with access to telephone technical support and web-based technical support resources. Technical support may include assistance with installation, launch, configuration, troubleshooting, recovery, interpreting system error messages, and determining when hardware repairs are required. WatchGuard will provide technical support for the Covered Software including software applications that are installed by WatchGuard or an Authorized Service Center. WatchGuard will provide support for the then-current version of the software.

Support Limitations.

The Software Protection Plan does not cover:

- (i) Issues that could be resolved by upgrading the software to the then-current version.
- (ii) Your use of or modification to the Covered Software in a manner for which the Covered Software is not intended to be used or modified.
- (iii) Third-party products or their effects on or interactions with the Covered Software.
- (iv) Your use of a computer or operating system that is unrelated to Covered Software
- (v) Connectivity issues with the Covered Software over networks not built or supported by WatchGuard.
- (vi) Covered Software that has been deleted or uninstalled.
- (vii) Preventative maintenance on the Covered Software.
- (viii) Damage to, or loss of, any software or data residing or recorded on the same computer as the Covered Software. The contents of the hard drive may be deleted in the course of service. WatchGuard may install system software updates as part of your service that will prevent the software from reverting to an earlier version. Reinstallation of software programs and user data are not covered under this Plan.
- (ix) IT hardware and software which includes, but is not limited to, servers, computers, DVD burners, NAS, SAN, or JBOD online storage devices, uninterruptable power supplies, building mounted wireless access points, antennas, and all related brackets and mounting hardware ("IT Equipment").
- (x) On-Site technical service.
- (xi) Problems caused by the function of a network or viruses or other software problems introduced into the Covered Software or computer the Covered Software is running on.

(xii) Except as specifically provided herein, any other damages that do not arise from defects in materials and workmanship or ordinary and customary usage of the Covered Software.

Any Incident deemed out of scope as defined in this Software Protection Plan or any incident that occurs while no Software Protection Plan Agreement is in place, shall be subject to additional fees and/or charges. The Customer will be quoted applicable charges and rates prior to any service(s) being performed. Approved service(s) will commence upon receipt of a purchase order.

Obtaining Technical Support

You may obtain technical support by calling the telephone number listed below. The Customer Service Representative will provide you technical support.

YOUR RESPONSIBILITY

To receive service or support under the Plan, you agree to comply with the following:

- (i) Provide your agency name and serial number (if required) of the Covered Software.
- (ii) Provide information about the symptoms and causes of the problems with the Covered Software.
- (iii) Respond to requests for information, including but not limited to the associated serial number of Covered Software, version, model, IT hardware, and software including operating system and database software, third-party software installed, any peripherals devices connected or installed with the Covered Software, any error messages displayed, actions taken before the Covered Software experienced the issue and steps taken to resolve the issue.
- (iv) Update software to currently published releases prior to seeking service.
- (v) You shall maintain all IT Equipment related to or required by the Covered Software. Any incident arising from inadequate maintenance of these systems shall be subject to additional per incident charges
- (vi) Any changes to the hardware or software environment for both the Covered Software and IT Equipment made by Customer that results in any degradation in performance will be the responsibility of you including any related costs to correct the issue. Changes include, but are not limited to, in-car installation resulting in a non-approved installation, damaged or misalignment of wireless antennas caused by the customer or weather, untrimmed trees or added obstacles that degrade wireless signal strength, added vehicles without regard for adding additional wireless access points that results in degraded performance, adding or changing video storage locations in an improper manner, adding or updating server software without the

approval of WatchGuard, changes to the 4RE related network topology or architecture without consultation of WatchGuard.

GENERAL TERMS

- (i) WatchGuard may subcontract or assign performance of its obligations to third-parties but will not be relieved of its obligations to you in doing so.
- (ii) WatchGuard is not responsible for any failures or delays in performing under the Plan that are due to events outside WatchGuard's reasonable control.
- (iii) This Plan is offered and valid only in the United States of America. This Plan may not be available in all states, and is not available where prohibited by law.
- (iv) In carrying out its obligations WatchGuard may, at its discretion and solely for the purposes of monitoring the quality of WatchGuard's response, record part or all of the calls between you and WatchGuard.
- (v) WatchGuard is not obligated to renew the Software Protection Plan after termination. If a new Software Protection Plan is offered, WatchGuard will determine the price and terms.

LIMITATION OF LIABILITY

EXCEPT FOR THE LIMITED WARRANTIES AND REMEDIES CONTAINED HEREIN, THIS PRODUCT IS PROVIDED ON AN "AS IS" BASIS, WITHOUT ANY OTHER WARRANTIES OR CONDITIONS, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY, QUALITY, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR THOSE ARISING BY LAW, STATUTE, USAGE OF TRADE, OR COURSE OF DEALING.

NEITHER WATCHGUARD NOR ITS DEALERS OR SUPPLIERS WILL HAVE ANY LIABILITY FOR ANY INDIRECT, INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES WHATSOEVER, INCLUDING BUT NOT LIMITED TO, LOSS OF REVENUE OR PROFIT, WHETHER RESULTING FROM THE USE, MISUSE OR INABILITY TO USE THIS PRODUCT OR FROM DEFECTS IN THE PRODUCT, EVEN IF WATCHGUARD HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, OR THEY ARE FORESEEABLE. WATCHGUARD IS ALSO NOT RESPONSIBLE FOR CLAIMS BY A THIRD PARTY. WATCHGUARD'S MAXIMUM AGGREGATE LIABILITY TO YOU, AND THAT OF ITS DEALERS AND SUPPLIERS, SHALL NOT EXCEED THE AMOUNT PAID BY YOU FOR THIS PRODUCT AS EVIDENCED BY YOUR PURCHASE RECEIPT.



This limited warranty gives you specific legal rights. You may also have other rights that may vary from state to state or from country to country. You are advised to consult applicable state or country laws for a full determination of your rights.

SUPPORT CONTACT INFORMATION

WatchGuard Video

Attn: Customer Service Department

415 Century Parkway

Allen, Texas 75013

(800) 605-6734 Toll Free Main Phone

(866) 384-8567 Toll Free Queued Customer Service

(972) 423-9777 Main

(972) 423-9778 Fax

www.watchguardvideo.com

support@watchguardvideo.com

4RE SOLUTION OVERVIEW

INTRODUCTION

The WatchGuard solution has all of the necessary components and features of the typical server solution, such as: record triggers, audio and video feed from multiple sources, wireless transfer capabilities, and back office management software. But basic components such as these are where the similarities between WatchGuard products and other systems stop.

The 4RE solution has undergone an intensive 3 1/2 year development program utilizing about 25 engineers which culminated with about 6 months of both exhaustive internal testing and extensive real-world police agency testing. The 4RE system was built on the basic principles of a server-based solution, with an emphasis on addressing and correcting the implementation issues faced by other systems, while adding features and functionality.

The following sections are brief overviews of some of the valuable features that the 4RE solution includes. Some of these topics features are described more in-depth in the 4RE Solution Description portion of this section.

IN-CAR HARDWARE

True High Definition Video

The 4RE system gives agencies the ability to record their critical evidence in true High Definition. The technology behind the system allows this to be done responsibly with respect to files sizes and storage requirements necessary to support the high definition video. This is achieved through multiple resolution recording. The forward facing camera has the ability to record video in high definition and at a standard resolution simultaneously. On recordings that turn out to be important or considered evidentiary, the HD version is stored. Routine recordings, which generally make up about 90% of all recorded video, are stored at the standard resolution. The differentiation between the two types of video is completely automated and configured through the back-end software using agency defined Event Tags. Customizable Event Tags can be configured to control which recordings are stored in high definition, and they can also instruct the back-end software to retain evidentiary recordings longer. At the end of a recording, Officers simply select an event category, and the pre-configured agency policies determine the rest.



Advanced Compression Technology

The 4RE system is the first in-car video system to use the most advanced video compression technology available, H.264 High Profile (HP). The H.26 HP technology creates files that are up to 40% smaller than video captured at equivalent qualities using simpler forms of H.264. At equivalent video qualities, older MPEG-4 systems create files that are more than 100% larger than H.264HP. H.264HP Technology leverages a highly intelligent video compression algorithm to render video at much higher quality using the same data rate. It can also render video at the same quality using a much lower data rate.

The combination of the multiple resolution recording and the H.264HP technologies make high definition video an available option to the Department without increasing file sizes, eliminating the need for additional storage beyond what any other video server system would require.

STORAGE FOR 10 HOURS OF VIDEO

(10% Tagged as Evidentiary)

MPEG-4 SYSTEMS

10 Hours Standard Resolution (D1) @ 2.0 GB/Hr. = **20GB**

OTHER H.264 SYSTEMS

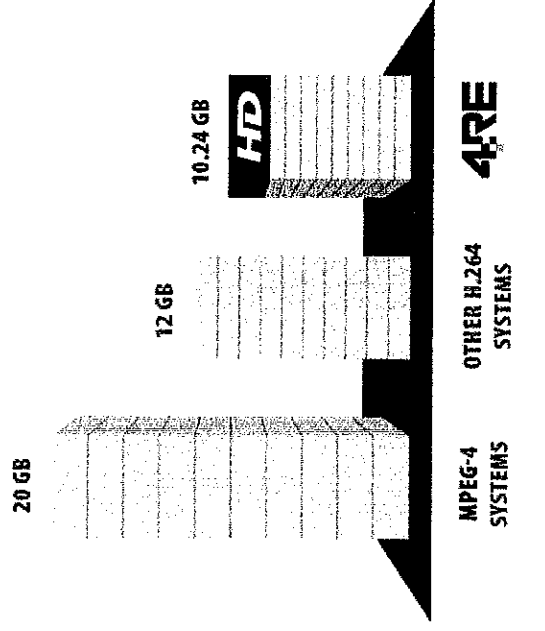
10 Hours Standard Resolution (D1) @ 1.2 GB/Hr. = **12GB**

WATCHGUARD 4RE HD

9 Hours Standard Resolution (D1) at 0.8GB/Hr. = **7.92GB**

1 Hour High Definition (720p) @ 2.32 GB/Hr. = **2.32 GB**

TOTAL = 10.24 GB



Record-After-The-Fact™

4RE uses an advanced dual drive architecture that provides redundancy and the ability to recover video that was not previously recorded. The first drive is an integrated drive. This drive may be a 64GB solid state drive or a 200GB automotive grade hard drive. 4RE buffers video and audio (when audio is active) to this drive any time the system is powered up. The second drive is a removable 16GB USB flash drive. When the 4RE system is triggered to record, the events are automatically stored on the flash drive as well as the hard drive. This gives the Department a very secure and redundant



HIGH DEFINITION, WIRELESS TRANSFER, SERVER-BASED IN-CAR VIDEO FOR LAW ENFORCEMENT

way to store video. 4RE's unique dual drive architecture makes our patent pending, Record-After-The-Fact feature possible. Most video systems are able to have pre and post event recording, which adds about 60 to 120 seconds on to the front or back of a recorded event. Record-After-The-Fact however, literally gives the Department the ability to go back in time to recover video that was not initially recorded. This revolutionary feature has enabled agencies to avoid countless lawsuits. It has also helped solve hundreds of criminal cases, including murders and robberies that no other in-car video system would have captured.

Breakthrough Wireless Uploading

4RE system uploads are 100% hands free over an 802.11n wireless connection. 802.11n is the most advanced wireless technology available today. Compared to the earlier 802.11g, 802.11n has up to five times the performance and nearly double the range. Using an industrial grade 802.11n wireless radio system in the car and sophisticated antennas at the agency, the 4RE system is able to achieve wireless transfer speeds roughly equal to the wired transfer speeds reached by most other digital in-car video systems. When a vehicle is in range of an access point, the 4RE system automatically handles everything for the Officer. It locates the desired wireless network(s), authenticates, and rapidly uploads all content to the WatchGuard Evidence Library server. The 4RE system is also able to manage upload interruptions such as drive-offs.

Secure Manual Transfer Option

The dual drive architecture previously explained comes into play if a wireless transfer is not the most ideal means to move video from the car to the server. If the wireless network is unavailable or if the command staff needs immediate access to a critical recording, the removable USB flash drive can be taken from its secure position behind a locked door on the DVR, and a manual transfer of the video can take place. The 4RE system provides peace-of-mind by retaining a copy of recordings on its integrated hard drive. Unlike other systems, you never risk losing important evidence during manual transfers should the flash drive be lost or destroyed.

EVIDENCE MANAGEMENT SOFTWARE

Evidence Library

The heart and soul of this solution is the back office software, a back-end server platform which utilizes sophisticated Microsoft SQL Server 2008 databases. This state-of-the-art server software provides advanced file management, a graphical search engine, and a feature-rich media player. WatchGuard

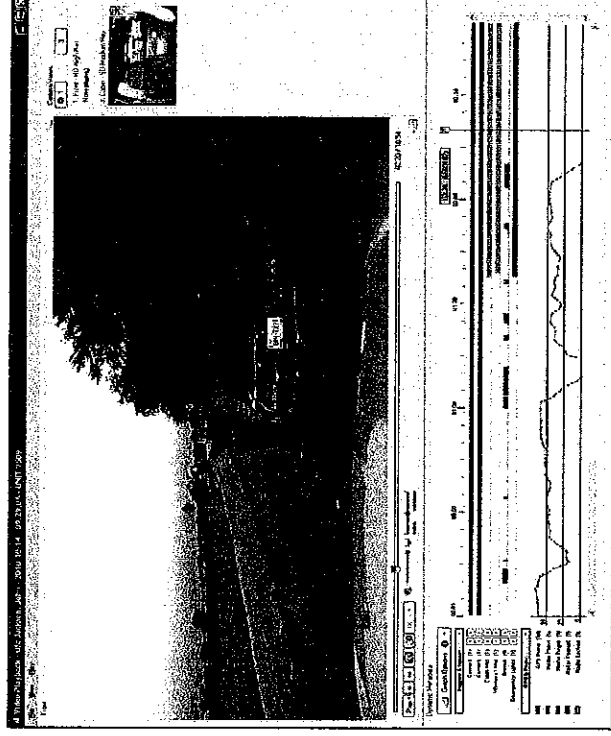
Evidence Library sets a new standard for back-end capability and ease of use. This software was not developed by a third party. WatchGuard Video engineers designed this software from the ground up to have all of the functionality, features, and the customization options necessary to ensure that law enforcement agencies have a useful tool that they can use to protect, search, copy, and create reports for their video evidence.

Graphical Search Engine

Simple searches are performed live on the Quick Search bar. The Advanced Search function allows for building and saving complex searches using multiple fields, with both specific values or across ranges in a graphical environment. For example, a search could easily be created to find any recordings in the last 60 days tagged as "Traffic" or "Other", with a radar target speed of 55 MPH or higher, that occurred within 1.25 miles of a specific GPS location.

Media Player with Timeline Graphing

The built-in media player includes a graphical video of the dynamic metadata. Users can visually spot when lights, siren, or brakes were activated during the event timeline or view the patrol speed graph to quickly find moments of interest. Snapshot and copy/export functions are built into the player, including the ability to burn DVDs or convert file formats.



Convenient Export Video Player

Evidence Library makes it easy to share video with attorneys and prepare videos for court. An embedded player can be included during file export which enables any PC to play the video files without the need to install any software on any machine used to play the video.



JEFFERSON COUNTY
DEPARTMENT OF ADMINISTRATIVE SERVICES
729 MAPLE ST / PO BOX 100
HILLSBORO MO 63050
WWW.JEFFCOMO.ORG

Invitation for Bid: IN-CAR VIDEO SYSTEMS

Date Issued: 11-15-13

BIDS SHALL BE ACCEPTED UNTIL: TUESDAY, DECEMBER 17, 2013, AT 2:00 P.M. LOCAL TIME.

**Specification
Contact:**

LT DAVE MARSHAK
Department of the Sheriff
636-797-5023

**Contract
Contact:**

VICKIE PRATT
Department of Administrative Services
636-797-5382

**Mail (3) Three
Complete Copies
With Vendor And
Bid Information As
Shown In Sample:**

SAMPLE ENVELOPE

VENDOR NAME

VENDOR ADDRESS

CONTACT NUMBER

DEPARTMENT OF THE COUNTY CLERK

JEFFERSON COUNTY MISSOURI

729 MAPLE ST / PO BOX 100

HILLSBORO MO 63050-0100

SEALED BID: (BID NAME)

**Contract Term:
UPON APPROVAL OF THE
COUNTY COUNCIL AND
COUNTY EXECUTIVE**

The undersigned certifies that he/she has the authority to bind this company in an agreement/contract to supply the commodity or service in accordance with all terms, conditions, and pricing specified. This Bid, if accepted, will constitute an Agreement and Contract with Jefferson County, Missouri, upon approval of the County Council and County Executive. Prices are firm during this agreement term, unless agreed upon in writing by the County. The County has the option to renew this agreement at the same terms and conditions as the original agreement for one additional one-year term with the written consent of the successful Bidder. Price increases for renewals are not authorized unless approved in writing by the County.

**Vendor
Information:**

Safety Vision, LLC	David Nicholl
Company Name	Authorized Agent (Print)
6100 West Sam Houston Pkwy N.	
Address	Signature
Houston, Texas 77041	Law Enforcement Product Mgr.
City/State/Zip Code	Title
713 . 929 . 1103	2013.12.10
Telephone #	Date
dnicholl@safetyvision.com	713.896.6640
E-mail	Fax #

Item #	Specification	Meets Specification?	
		Yes	No
69	Metadata Playback Graph - System must allow a full time lined metadata playback graph that graphically shows the status of all vehicle inputs, including speed, radar and braking information so that crucial times of the event may be easily identified during playback.		X
70	Export Playback - When exporting video, the system must automatically include a standalone playback application to be included with the exported video. When used on another computer, the playback application must run solely from the export media (DVD, USB, etc.) and not require any software installation on the local playback computer. Video must also be accompanied by a full audit log showing every time the event was moved, reviewed, or exported with full MD5 hash verification data.	X	
71	Client Playback Buffering - System must have a built in buffering scheme so that playback from a client begins as soon as the event has downloaded enough of a buffer to begin playback. Systems that require the full event be cached locally before playback initiates will not be considered.		X
72	Export Video Anywhere with Permission - System must allow the video to be exported by a user with the appropriate permission from any client computer. Systems that allow exporting video from only a single workstation will not be considered.	X	

Upon request of the agency, a working demonstration shall be provided by a representative of the bidder or by delivery of a sample unit to the agency within 15 working days of the written request. Any and all cost related to this demonstration shall be incurred by the bidder.

Final determination of any purchase will not be exclusively on price. Factors that may be considered are price, ease of installation, interface options, service, warranty, ease of programming, ease of use for the officer with intuitive graphical menus, options, manufacturing support, and other areas determined by the agency.

Exceptions to Specifications

Bidder must provide detailed explanation for any specifications not fully met by the proposed product. Using the following format, indicate both the Item # and explanation for each exception taken.

If no exceptions are taken, state as such.

Line # Exception (use additional sheets if necessary)

38 Requirement is about camera control, which anecdotally mentions 'touchscreen', mentioned

in another requirement. Proposer meets requirement about camera control, but already marked exception to 'touchscreen'.

45

Requirement is about locked-access to removable media, which anecdotally mentions

'USB drive', a vendor-specific implementation which proposer already took exception to.

Proposer complies with "locked-access to removable media" requirement.

34

Record-After-The-Fact is a patented, trademarked feature which would eliminate competition.

Proposer requests that this requirement be eliminated.

[X] Mark here if any additional pages of exceptions are to be attached as part of this bid.

Bidder's Offering for Digital In-Car Video Systems

Safety Vision, LLC

(Bidder) hereby submits the following bid for the above specifications. By my signature below, I am authorized to sign this bid and obligate the bidder to the offering, the terms and conditions, implied and included. If I am not the manufacturer of the item(s) bid, I am an authorized reseller, distributor or other legal representative of the manufacturer for the purpose of this bid and have the ability to deliver the product bid.

1 (qty) units X \$ 3,995.00 each equals \$ 3,995.00 total

Total bid amount \$ 3,995.00
(if quantity discounts are offered, indicate on attachment and [] check here)

ICOP | A Safety Vision Company (manufacturer) Model 20/20-W (model number)

Available Accessories (including Servers, Software, Maintenance and Services)
Attach additional pricing pages if necessary.

ICOP iVAULT Media Management Software	\$ 4995.00	each
1 Year Warranty on ICOP DVR and Wireless Microphones	\$ 0	each
ICOP Wireless Access Point	\$ 495.00	each
ICOP Vehicle Wireless Upload Kit	\$ 695.00	each

[] corporation, [] partnership, [] sole proprietor, [] individual [x] Limited Liability Company

[x] manufacturer, [] distributor, [] agent, [] other

14 (guaranteed shipping days after receipt of order including weekends and holidays)

Terms: NET 30 Prices guaranteed for 90 calendar days

Safety Vision, LLC (legal name of bidder)

(DBA if appropriate)

76-0390640 (FIN or SS number) (signature of bidder)

David Nicholl, Law Enforcement Product Manager (printed name and title)

6100 West Sam Houston Parkway North (address)

Houston, TX 77041 (city, state, zip)

713.929.1103 (phone) 800.880.8855 (toll free) 713.896.6640 (fax)
Note all Exceptions taken on previous page (if none so state)

Jefferson County, Invitation for Bid: IN-CAR VIDEO SYSTEMS Exceptions, (cont'd)

1. ICOP asserts that the currently available HD sensors do not provide adequate low-light capabilities for external-facing cameras in a law-enforcement setting. Therefore, the sensors in our cameras provide D1 resolution, and superior performance in a low-light setting.
2. ICOP's console faceplate adapter is 4", but includes LCD and control panel integrated into one low-profile unit.
3. This requirement describes an implementation (not a feature/benefit) which is vendor-specific. ICOP requests that it be omitted from bid evaluation.
5. ICOP's automatic upload is based on a pre-configured GPS area. ICOP asserts that this method is operationally superior to the one described, as it allows a finer degree of control.
8. ICOP has previously offered vehicle-grade spinning HDDs, but found that actual field performance of SSDMs was superior. ICOP uses SSDMs up to 128GB in size, which ICOP asserts are superior.
9. ICOP's DVR offerings have been designed so that the most common features are either automated, or require only 1 button press. Graphical user interfaces and softkeys can actually result in more distracting and involved user interaction. ICOP asserts that its device provides the least distracting user experience, most suitable for law enforcement use.
10. ICOP offers several options for rapid login, including automated login. This requirement describes an implementation (not a feature/benefit outcome) which is highly vendor-specific and limits the ability for vendors to compete.
11. ICOP does offer these settings, but they are applied globally (not user-specific).
12. ICOP offers a high-quality LCD and rugged, rubberized buttons. Nearly all of the most commonly accessed features are available with one button press. This requirement describes an implementation (not a feature/benefit outcome) which is highly vendor-specific and limits the ability for vendors to compete. ICOP requests that it be omitted from bid evaluation.
13. ICOP offers high-quality water and dust ingress resistant speakers, similar to what are commonly used with police radio installations.
14. ICOP complies with the majority of this request, with the exception of the method of connection to MDC. ICOP's method of connection is USB, which ICOP asserts is superior, as MDCs typically have multiple unused USB ports, and only one ethernet port. This requirement describes an implementation (not a feature/benefit outcome) which is highly vendor-specific and limits the ability for vendors to compete. ICOP requests that it be omitted from bid evaluation.
18. ICOP offers a mode which is similar to that which is described, but the setting is global (not user-specific).

Jefferson County, Invitation for Bid: IN-CAR VIDEO SYSTEMS Exceptions, (cont'd)

19. ICOP does not offer this functionality, as it is discouraged in the IACP/NIJ draft minimum specifications for law enforcement. More specifically, it could result in video being recorded in the car, which is never submitted to court for evidence.
20. ICOP does not offer this functionality, as it is discouraged in the IACP/NIJ draft minimum specifications for law enforcement. More specifically, it could result in video being recorded in the car, which is never submitted to court for evidence.
22. This requirement describes an implementation (not a feature/benefit outcome) which is highly vendor-specific and limits the ability for vendors to compete. ICOP requests that it be omitted from bid evaluation.
23. ICOP's DVRs record 60 seconds of pre-event video, as recommended by IACP/NIJ draft minimum specifications.
24. ICOP does not support this function currently, but could if requested. So far, no actual use case has been submitted to ICOP which would require this functionality.
25. ICOP does alert the user if capacity is low, but does not follow the method described. This requirement describes an implementation (not a feature/benefit outcome) which is highly vendor-specific and limits the ability for vendors to compete. ICOP requests that it be omitted from bid evaluation.
26. This requirement presupposes a certain system architecture, and is not applicable to other systems. This requirement describes an implementation (not a feature/benefit outcome) which is highly vendor-specific and limits the ability for vendors to compete. ICOP requests that it be omitted from bid evaluation.
28. ICOP does offer a crash detection option, however it is not implemented specifically as described in this requirement. Our collision detection sensor is the same as used by Ford for airbag deployment--which ICOP asserts is superior to the one described. This requirement describes an implementation (not a feature/benefit outcome) which is highly vendor-specific and limits the ability for vendors to compete. ICOP requests that it be omitted from bid evaluation.
35. ICOP supports 3 cameras with the capability of recording 2 simultaneously--which is widely considered to be the industry standard.
36. This requirement appears to be redundant with #1. ICOP asserts that the currently available HD sensors do not provide adequate low-light capabilities for external-facing cameras in a law-enforcement setting. Therefore, the sensors in our cameras provide D1 resolution, and superior performance in a low-light setting.
37. ICOP's MCAM2 offers 10x optical zoom.

Jefferson County, Invitation for Bid: IN-CAR VIDEO SYSTEMS Exceptions, (cont'd)

39. ICOP offers a backseat camera which is designed to capture video in all lighting conditions, including zero-light conditions. This requirement describes an implementation (not a feature/benefit outcome) which is highly vendor-specific and limits the ability for vendors to compete. ICOP requests that it be omitted from bid evaluation.
41. ICOP offers an installation in which both cameras are mounted to a headliner bracket, and in close vicinity to each other. Since the forward-facing camera requires manual 'aiming' in some conditions, ICOP asserts that an integrated back-seat camera is operationally inferior to two distinct, separated cameras.
44. ICOP offers a 900MHz wireless microphone which provides 2000'+ range, line-of-sight. ICOP also offers a dual-bay sync/charger, allowing for two wireless microphones to be docked simultaneously in one car, without additional equipment required.
45. ICOP's wireless microphone has a slightly protruding antenna. ICOP's previous generation of wireless microphone had an integrated antenna, but the external antenna was chosen as actual real-world performance was greatly improved. ICOP's experience has been that the minimally protruding antenna is not an obstruction to the officer during use.
46. ICOP generally complies with this request, but does not offer Vibrate modes.
47. ICOP asserts that this specification should require a minimum battery life—not a specific method for conserving battery life. This requirement describes an implementation (not a feature/benefit outcome) which is highly vendor-specific and limits the ability for vendors to compete. ICOP requests that it be omitted from bid evaluation.
50. ICOP's wireless microphone continues to 'trickle' charge to the wireless microphone units, to ensure they remain fully charged for the next use. ICOP asserts that this method is operationally superior.
54. ICOP does not offer a quick-charge feature at this time.
56. ICOP generally complies with this specification, but does not offer multiple supervisor passwords capability.
58. This requirement describes an implementation (not a feature/benefit outcome) which is highly vendor-specific and limits the ability for vendors to compete. ICOP requests that it be omitted from bid evaluation.
59. ICOP does not currently offer the capability to restrict officers to review video in the car.
65. ICOP does not currently offer this capability.
67. ICOP does generally comply with this requirement, with the exception of 'fleet management', which is already mentioned in requirement 65.

Jefferson County, Invitation for Bid: IN-CAR VIDEO SYSTEMS Exceptions, (cont'd)

69. ICOP does offer a live metadata playback option, but not following the implementation method described. This requirement describes an implementation (not a feature/benefit outcome) which is highly vendor-specific and limits the ability for vendors to compete. ICOP requests that it be omitted from bid evaluation.

71. ICOP currently requires that the file be downloaded prior to playback.