



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER  
**PSC735**

PAGE  
**1**

ADDRESS CORRESPONDENCE TO ATTENTION OF  
**KRISTA FERRELL  
 304-558-2596**

VENDOR

RFQ COPY  
 TYPE NAME/ADDRESS HERE

SHIP TO

**PUBLIC SERVICE COMMISSION  
 OF WEST VIRGINIA  
 201 BROOKS STREET  
 CHARLESTON, WV  
 25301 340-0323**

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
04/25/2006				

BID OPENING DATE: **05/09/2006** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	EA		840-70		
<p><b>VIDEO CAMERAS, ACCESSORIES, AND PARTS (PORTABLE)</b></p> <p><b>REQUEST FOR QUOTATION</b></p> <p>THE WEST VIRGINIA PURCHASING DIVISION ON BEHALF OF THE AGENCY, THE WEST VIRGINIA PUBLIC SERVICE COMMISSION, IS SOLICITING BIDS TO PROVIDE THE AGENCY WITH 30-35 IN CAR VIDEO SYSTEMS PER THE ATTACHED SPECIFICATIONS.</p> <p>THE VIDEO SYSTEMS WILL BE DOUCAM MODEL 990845, OR EQUAL.</p> <p>BIDS MUST INCLUDE FREIGHT TO DELIVER UNITS TO THE WEST VIRGINIA PUBLIC SERVICE COMMISSION IN CHARLESTON, WV.</p> <p>THE MODEL/BRAND/SPECIFICATIONS NAMED HEREIN ESTABLISH THE ACCEPTABLE LEVEL OF QUALITY ONLY AND ARE NOT INTENDED TO REFLECT A PREFERENCE OR FAVOR ANY PARTICULAR BRAND OR VENDOR. VENDORS WHO ARE BIDDING ALTERNATES SHOULD SO STATE AND INCLUDE PERTINENT LITERATURE AND SPECIFICATIONS. FAILURE TO PROVIDE INFORMATION FOR ANY ALTERNATES MAY BE GROUNDS FOR REJECTION OF THE BID. THE STATE RESERVES THE RIGHT TO WAIVE MINOR IRREGULARITIES IN BIDS OR SPECIFICATIONS IN ACCORDANCE WITH SECTION 148-1-4(F) OF THE WEST VIRGINIA LEGISLATIVE RULES AND REGULATIONS.</p> <p>EXHIBIT 3</p> <p><b>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES</b></p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

**GENERAL TERMS & CONDITIONS  
(REQUEST FOR QUOTATION) RFQ AND (REQUEST FOR PROPOSAL) RFP**

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. All quotations are governed by the *West Virginia Code* and the *Legislative Rules* of the Purchasing Division.
4. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$45 fee.
5. All services performed or goods delivered under State Purchase Orders/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this Purchase Order/Contract becomes void and of no effect after June 30.
6. Payment may only be made after the delivery and acceptance of goods or services.
7. Interest may be paid for late payment in accordance with the *West Virginia Code*.
8. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
9. The State of West Virginia is exempt from Federal and State taxes and will not pay or reimburse such taxes.
10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
13. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, this contract is automatically null and void, and is terminated without further order.
14. **HIPAA Business Associate Addendum** - The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (<http://www.state.wv.us/admin/purchase/vrc/hipaa.htm>) is hereby made part of the agreement. Provided that, the Agency meets the definition of a Covered Entity (45 CFR ü160.103) and will be disclosing Protected Health Information (45 CFR ü160.103) to the vendor.

---

**INSTRUCTIONS TO BIDDERS**

1. Use the quotation forms provided by the Purchasing Division.
2. **SPECIFICATIONS:** Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Complete all sections of the quotation form.
4. Unit prices shall prevail in cases of discrepancy.
5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
6. **DUPLICATE BIDS:** All quotations must be delivered by the bidder to the respective offices listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications.

**ORIGINAL SIGNED BID TO:**

Department of Administration  
Purchasing Division  
2019 Washington Street East  
Post Office Box 50130  
Charleston, WV 25305-0130

**DUPLICATE BID TO:**

State Auditor's Office  
Bid Observer  
Building 1 Room W114  
1900 Kanawha Boulevard, East  
Charleston, WV 25305-0230



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER  
**PSC735**

PAGE  
**2**

ADDRESS CORRESPONDENCE TO ATTENTION OF:  
**KRISTA FERRELL  
 304-558-2596**

VENDOR

**RFQ COPY  
 TYPE NAME/ADDRESS HERE**

SHIP TO

**PUBLIC SERVICE COMMISSION  
 OF WEST VIRGINIA  
 201 BROOKS STREET  
 CHARLESTON, WV  
 25301 340-0323**

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
04/25/2006				

BID OPENING DATE: **05/09/2006** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>FOR BANKRUPTCY PROTECTION, THIS CONTRACT IS AUTOMATICALLY NULL AND VOID, AND IS TERMINATED WITHOUT FURTHER ORDER.</p> <p>VENDOR PREFERENCE CERTIFICATE</p> <p>CERTIFICATION AND APPLICATION* IS HEREBY MADE FOR PREFERENCE IN ACCORDANCE WITH WEST VIRGINIA CODE, 5A-3-37 (DOES NOT APPLY TO CONSTRUCTION CONTRACTS).</p> <p>A. APPLICATION IS MADE FOR 2.5% PREFERENCE FOR THE REASON CHECKED:</p> <p>( ) BIDDER IS AN INDIVIDUAL RESIDENT VENDOR AND HAS RESIDED CONTINUOUSLY IN WEST VIRGINIA FOR FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION; OR</p> <p>( ) BIDDER IS A PARTNERSHIP, ASSOCIATION OR CORPORATION RESIDENT VENDOR AND HAS MAINTAINED ITS HEAD-QUARTERS OR PRINCIPAL PLACE OF BUSINESS CONTINUOUSLY IN WEST VIRGINIA FOR FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION; OR 80% OF THE OWNERSHIP INTEREST OF BIDDER IS HELD BY ANOTHER INDIVIDUAL, PARTNERSHIP, ASSOCIATION OR CORPORATION RESIDENT VENDOR WHO HAS MAINTAINED ITS HEADQUARTERS OR PRINCIPAL PLACE OF BUSINESS CONTINUOUSLY IN WEST VIRGINIA FOR FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION; OR</p> <p>( ) BIDDER IS A CORPORATION NONRESIDENT VENDOR WHICH HAS AN AFFILIATE OR SUBSIDIARY WHICH EMPLOYS A MINIMUM OF ONE HUNDRED STATE RESIDENTS AND WHICH HAS MAINTAINED ITS HEADQUARTERS OR PRINCIPAL PLACE OF BUSINESS WITHIN WEST VIRGINIA CONTINUOUSLY FOR THE</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER
PSC735

PAGE
3

ADDRESS CORRESPONDENCE TO ATTENTION OF:
KRISTA FERRELL 304-558-2596

RFQ COPY  
TYPE NAME/ADDRESS HERE

VENDOR
--------

SHIP TO	PUBLIC SERVICE COMMISSION OF WEST VIRGINIA 201 BROOKS STREET  CHARLESTON, WV 25301      340-0323
---------	---

DATE PRINTED 04/25/2006	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
----------------------------	---------------	----------	--------	---------------

BID OPENING DATE: 05/09/2006      BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
	<p>FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION.</p> <p>B. APPLICATION IS MADE FOR 2.5% PREFERENCE FOR THE REASON CHECKED:</p> <p>( ) BIDDER IS A RESIDENT VENDOR WHO CERTIFIES THAT, DURING THE LIFE OF THE CONTRACT, ON AVERAGE AT LEAST 75% OF THE EMPLOYEES WORKING ON THE PROJECT BEING BID ARE RESIDENTS OF WEST VIRGINIA WHO HAVE RESIDED IN THE STATE CONTINUOUSLY FOR THE TWO YEARS IMMEDIATELY PRECEDING SUBMISSION OF THIS BID;</p> <p>OR</p> <p>( ) BIDDER IS A NONRESIDENT VENDOR EMPLOYING A MINIMUM OF ONE HUNDRED STATE RESIDENTS OR IS A NONRESIDENT VENDOR WITH AN AFFILIATE OR SUBSIDIARY WHICH MAINTAINS ITS HEADQUARTERS OR PRINCIPAL PLACE OF BUSINESS WITHIN WEST VIRGINIA EMPLOYING A MINIMUM OF ONE HUNDRED STATE RESIDENTS WHO CERTIFIES THAT, DURING THE LIFE OF THE CONTRACT, ON AVERAGE AT LEAST 75% OF THE EMPLOYEES OR BIDDERS' AFFILIATE'S OR SUBSIDIARY'S EMPLOYEES ARE RESIDENTS OF WEST VIRGINIA WHO HAVE RESIDED IN THE STATE CONTINUOUSLY FOR THE TWO YEARS IMMEDIATELY PRECEDING SUBMISSION OF THIS BID.</p> <p>BIDDER UNDERSTANDS IF THE SECRETARY OF TAX &amp; REVENUE DETERMINES THAT A BIDDER RECEIVING PREFERENCE HAS FAILED TO CONTINUE TO MEET THE REQUIREMENTS FOR SUCH PREFERENCE, THE SECRETARY MAY ORDER THE DIRECTOR OF PURCHASING TO: (A) RESCIND THE CONTRACT OR PURCHASE ORDER ISSUED; OR (B) ASSESS A PENALTY AGAINST SUCH BIDDER IN AN AMOUNT NOT TO EXCEED 5% OF THE BID AMOUNT AND THAT SUCH PENALTY WILL BE PAID TO THE CONTRACTING AGENCY OR DEDUCTED FROM ANY UNPAID BALANCE ON THE CONTRACT OR PURCHASE ORDER.</p>					

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
-----------	-----------	------

TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE
-------	------	-----------------------------------

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER  
**PSC735**

PAGE  
**4**

ADDRESS: CORRESPONDENCE TO ATTENTION OF:  
**KRISTA FERRELL  
 304-558-2596**

VENDOR

**RFQ COPY  
 TYPE NAME/ADDRESS HERE**

SHIP TO

**PUBLIC SERVICE COMMISSION  
 OF WEST VIRGINIA  
 201 BROOKS STREET  
 CHARLESTON, WV  
 25301 340-0323**

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
04/25/2006				

BID OPENING DATE: **05/09/2006** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>BY SUBMISSION OF THIS CERTIFICATE, BIDDER AGREES TO DISCLOSE ANY REASONABLY REQUESTED INFORMATION TO THE PURCHASING DIVISION AND AUTHORIZES THE DEPARTMENT OF TAX AND REVENUE TO DISCLOSE TO THE DIRECTOR OF PURCHASING APPROPRIATE INFORMATION VERIFYING THAT BIDDER HAS PAID THE REQUIRED BUSINESS TAXES, PROVIDED THAT SUCH INFORMATION DOES NOT CONTAIN THE AMOUNTS OF TAXES PAID NOR ANY OTHER INFORMATION DEEMED BY THE TAX COMMISSIONER TO BE CONFIDENTIAL.</p> <p>UNDER PENALTY OF LAW FOR FALSE SWEARING (WEST VIRGINIA CODE 61-5-3), BIDDER HEREBY CERTIFIES THAT THIS CERTIFICATE IS TRUE AND ACCURATE IN ALL RESPECTS; AND THAT IF A CONTRACT IS ISSUED TO BIDDER AND IF ANYTHING CONTAINED WITHIN THIS CERTIFICATE CHANGES DURING THE TERM OF THE CONTRACT, BIDDER WILL NOTIFY THE PURCHASING DIVISION IN WRITING IMMEDIATELY.</p> <p>BIDDER: -----</p> <p>DATE: -----</p> <p>SIGNED: -----</p> <p>TITLE: -----</p> <p>* CHECK ANY COMBINATION OF PREFERENCE CONSIDERATION(S) IN EITHER "A" OR "B", OR BOTH "A" AND "B" WHICH YOU ARE ENTITLED TO RECEIVE. YOU MAY REQUEST UP TO THE MAXIMUM 5% PREFERENCE FOR BOTH "A" AND "B".            (REV. 12/00)</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS		
SIGNATURE	TELEPHONE	DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER  
**PSC735**

PAGE  
**5**

ADDRESS CORRESPONDENCE TO ATTENTION OF:  
**KRISTA FERRELL  
 304-558-2596**

VENDOR

**RFQ COPY  
 TYPE NAME/ADDRESS HERE**

SHIP TO

**PUBLIC SERVICE COMMISSION  
 OF WEST VIRGINIA  
 201 BROOKS STREET  
 CHARLESTON, WV  
 25301 340-0323**

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
04/25/2006				

BID OPENING DATE: **05/09/2006** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p><b>NOTICE</b></p> <p><b>AN ORIGINAL, SIGNED BID MUST BE SUBMITTED TO:</b></p> <p>DEPARTMENT OF ADMINISTRATION            PURCHASING DIVISION            BUILDING 15            2019 WASHINGTON STREET, EAST            CHARLESTON, WV 25305-0130</p> <p><b>AN EXACT DUPLICATE MUST BE SUBMITTED TO:</b></p> <p>STATE AUDITOR'S OFFICE            BID OBSERVER            BUILDING 1, ROOM W114            1900 KANAWHA BOULEVARD, EAST            CHARLESTON, WV 25305-0230</p> <p><b>BOTH BIDS MUST CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPES OR THE BIDS MAY NOT BE CONSIDERED:</b></p> <p>SEALED BID</p> <p>BUYER: 21</p> <p>RFQ. NO.: PSC735</p> <p>BID OPENING DATE: 05/09/2006</p> <p>BID OPENING TIME: 1:30</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER  
**PSC735**

PAGE  
**6**

ADDRESS: CORRESPONDENCE TO ATTENTION OF:  
**KRISTA FERRELL  
 304-558-2596**

VENDOR

**RFQ COPY  
 TYPE NAME/ADDRESS HERE**

SHIP TO

**PUBLIC SERVICE COMMISSION  
 OF WEST VIRGINIA  
 201 BROOKS STREET  
 CHARLESTON, WV  
 25301 340-0323**

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
<b>04/25/2006</b>				

BID OPENING DATE: **05/09/2006** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: ----- CONTACT PERSON (PLEASE PRINT CLEARLY): -----						
***** THIS IS THE END OF RFQ					PSC735 *****	TOTAL: _____

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE		TELEPHONE	DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE	

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

## BID SPECIFICATIONS FOR IN-CAR VIDEO SYSTEMS

The Public Service Commission is seeking bids for 30 to 35 In-Car Video systems that will provide a system that allows for effective recordings that will withstand the most rigorous of challenges in a court system. Additionally, the system will be simple to use, easy to install, reliable and highly flexible to accommodate the ever-changing police vehicle environment. The system shall be capable of being upgraded as technology changes, including the upgrade to a digital recorder (DVD and hard drive options). The brand & model of this system that we have used in the past is the DocuCam V as a model to be "equal to".

### Scope

The design of the in-car video system shall use state of the art technology to include a microprocessor controlled logic control assembly, color camera and color monitor, wireless transmitter and stainless steel protective enclosure for the VCR, electronics and receiver components. The system must be capable of accepting three camera inputs, the main system camera as well as two rear cameras, a camera identical to the front camera but looking out the back window and an in-car infrared camera.

The vault enclosure will house all of the critical components requiring environmental protection from extremes of heat, cold, weather, physical damage and other corrosive factors. The enclosure will be supplied as standard with heating and cooling systems with the provision to add a solid state cooling option for extreme high temperature environments. *Use of hoses or ducts to provide "cabin conditioned air" are not permissible.* The enclosure must provide for easy removal and installation to facilitate maintenance requirements.

The main camera component will include controls at the rear of the camera to allow for single-handed operations involving aiming and adjusting of the camera zoom, focus and TeleZoom functions. All camera controls must also be duplicated on the control head to allow full control of the front and rear camera from the main control panel. When a function of the camera is activated or a setting is adjusted, this shall be reported on the monitor. The camera should also incorporate separate front mounted "Record" and "Microphone" indicators to inform the officer that the system is recording properly when he is outside the vehicle. These indicators shall be located on the bottom of the camera so reflection of the indicator lights on the windshield will not interfere with the image and shall be different colors. Grill-mounted indicator lights shall also be available.

The system will be supplied with a two-channel VHF transmitter with tone-key encoding to minimize interference. This unit shall be available for operation on at least 6 different frequencies, to minimize cross talk. The transmitter shall be powered by alkaline batteries, which shall provide 9-12 hours of continuous audio under optimal conditions. Two corded microphones will be provided, including the wind sock and heavy-duty clip. If specified in the introductory documents, the HUF transmitter system, which is specified herein, shall be supplied instead of the VHF system.

The Overhead Console must allow for the operation and playback of the VCR functions and mount on the headliner of the vehicle. The console must mount without requiring any holes to be drilled in the headliner. Additionally, it must act as the input for accessing the system



programming functions. The overhead console must be simple to remove and install. The overhead console must contain the system's monitor.

The Monitor must be an active matrix LCD monitor with a minimum of a 3½ " color screen, which shall be fixed-mounted and canted toward the driver. The monitor will include controls for picture brightness, speaker volume, and power. The system must be able to record with the monitor in "Sleep" mode, whereby no image is displayed on the monitor.

The system must include a covert in-car Microphone. Activation of the rear seat microphone must be at the officer's control via the Control Head, and activation of the microphone shall be displayed on the screen and recorded. The audio from the in-car microphone, when activated, must be recorded simultaneously with the audio from the wireless microphone, but on a separate audio track.

The control head speaker shall only generate audio signals during playback of a tape, with the exception of key beeps when functions are activated. This shall be able to be overridden in the programming menu to allow set-up of the in-car microphone. The speaker shall not reproduce audio from the in-car microphone and wireless microphone during record mode.

The system must offer the ability to add a Covert In-car Infrared Camera and full-featured Rear Camera. Activation of the camera(s) must be at the officer's control via the Control Head. When one of the optional cameras is activated, the image from this camera will be recorded instead of the image from the main system camera. The optional Rear seat Camera must be infrared-based with its own illumination in order to record in complete darkness. The optional Rear Camera must be identical to the main-front mounted system camera. The control head shall allow the officer to select to automatically place the unit into Sleep mode when the in-car camera is selected.

The infrastructure of the system shall accommodate the following optional/future equipment.

1. External, grill mounted Recording and Microphone On indicators to supplement the camera lights
2. Solid-state cooling element
3. GPS system, with text recording of latitude and longitude.
4. Interface for other serial-communication devices (1 extra port in addition to the radar interface port)
5. Siren interface with display on monitor
6. Brake interface with display on monitor

The system shall offer the ability for upgrading the recorder to a digital format (DVD and hard drive). The system shall offer this upgradeability while allowing the reuse of the remainder of the system components, if the department so chooses. In its bid response, the prospective bidder shall detail how its system will accomplish this task.

### **Bid Requirements**

The equipment offered will be in full commercial production. No "brand new" or prototype models will be considered. Proof of current sales and delivery of the specified equipment over the past six (6) months will be provided, in writing, referencing current

customers with contacts and phone numbers for verification.

When requested by this department the bidder shall furnish a complete sample unit at no charge within 10 days of the request.

**Format of Alternate Product Bid Responses**

For “alternate product bids” bidder shall submit a response format in the same number sequence and order as the specifications listed in this bid. Bidder shall check “yes”, “no” for *full compliance* with the requirements of each paragraph. For those paragraphs checked “no” bidder shall indicate the exact deviation from the specification and why the deviation is the equivalent or exceeds the requirement.

*Note: Bidders returning only information concerning their products without addressing the following specification requirements may have their bid declared non-responsive.*

**TECHNICAL SPECIFICATIONS**

**1. System Components**

The in car video recording system shall consist of the following components:

		<b>Comply?</b>	
		<b>Yes</b>	<b>No</b>
1.1	Trunk mounted VHS videocassette recorder, enclosed in a locked, tamper resistant, environmentally controlled maximum security, 14 gauge stainless vault	_____	_____
1.2	Color CCD camera, with a minimum of 23x optical and 8x digital zoom with an automatic zoom/focus feature	_____	_____
1.3	Overhead Control head with integrated color monitor, LED indicators, and backlit controls. Color monitor integrated into control head with speaker, volume and brightness controls.	_____	_____
1.4	The Bi-Directional Wireless microphone system will have a range up to at least 1,000 feet and utilizes the Digital Spread Spectrum Technology. The system will be able to activate and de-activate the wireless microphone transmitter	_____	_____
1.5	External antenna for wireless microphone receiver or optional patch antenna	_____	_____
1.6	In car covert microphone	_____	_____
1.7	Industrial grade 12-VDC VHS VCR with dual audio Tracks and 4 heads, enclosed in vault. VCR shall be capable of operating properly in any orientation.	_____	_____
1.8	VHF system with 2 of the 24 FCC assigned frequencies and tone key squelch. Transmitter shall have a detachable microphone cord with integral antenna and right-angle plug. Must use alkaline batteries, have an on/off switch, and include docking-type charger. Optional UHF transmitter system must be available.	_____	_____

**2. VCR and Enclosure**

		<b>Comply?</b>	
		<b>Yes</b>	<b>No</b>
2.1	Industrial grade four head VCR	_____	_____
	VHS format (with SQPB)	_____	_____
	Hi-Fi 4 heads helical scan	_____	_____
	NTSC standard video signal	_____	_____
	VHS stereo HiFi audio	_____	_____
	2 HiFi audio channels and 1 normal audio channel	_____	_____
	Power Supply: 12 vdc	_____	_____
	Tape Speeds: SP(1 5/16 IPS) SLP (7/16 IPS)	_____	_____
	Max Recording Time: T-120 tape - 360 minutes	_____	_____
	T-160 tape - 480 minutes	_____	_____
	T-180 tape - 540 minutes	_____	_____
2.2	The VCR shall record the following information on the video tape:		
	a. Camera image	_____	_____
	b. Audio signals from wireless microphone and in car microphone	_____	_____
	c. Time (12 or 24 hour format selectable)	_____	_____
	d. Date (month - day - year (selectable))	_____	_____
	e. Tape counter (0-99999)	_____	_____
	f. Time left on tape (hours - minutes)	_____	_____
	g. Cassette out warning (on screen only)	_____	_____
	h. Up to three lines of User defined information, dept, name, car #, etc. (30 characters minimum)	_____	_____
	i. Emergency lights indicator (L)	_____	_____
	j. Siren indicator (S)	_____	_____
	k. Vehicle Brake indicator (B)	_____	_____
	l. Wireless microphone indicator	_____	_____
	m. Wireless microphone indicator	_____	_____
	n. End of tape - Displayed on the monitor, not recorded	_____	_____
	o. In Car Microphone indicator	_____	_____
	p. Radar data information (automatic if Compatible radar is interfaced to system)	_____	_____
2.3	The tape counter information shall be recorded in conjunction with the time and date to verify the integrity of the videotape	_____	_____

		<b>Comply?</b>	
		<b>Yes</b>	<b>No</b>
2.4	The tape counter shall automatically reset to zero whenever the videotape is ejected in order to provide evidence that the tape was removed from the car	_____	_____
2.5	Record Over Protection shall be provided to prevent recording over a previously recorded segment of tape	_____	_____
2.6	The VCR functions shall be programmable from the system control panel. Key lock security shall prevent unauthorized access to programming menu and shall be activated by a separate administrator key lock	_____	_____
2.7	The VCR enclosure vault shall be constructed of 14 gauge stainless steel, and shall be supplied with a stainless steel mounting plate. The enclosure shall be key-lock secured to the mounting plate to prevent unauthorized system removal.	_____	_____
2.8	The VCR enclosure measurements shall not exceed 14" W x 7" H x 14" D	_____	_____
2.9	A key locked tape access door, designed to be extremely tamper resistant, shall be provided to load and unload videotapes into the VCR	_____	_____
2.10	Only the VCR's tape loading port shall be accessible when the enclosure's tape access door is opened. None of the VCR controls or cabling, with the exception of the tape eject button and/or programming enable switch, shall be accessible when the enclosure's tape access door is opened	_____	_____
2.11	The VCR tape ejection button shall only be available after the enclosure's key locked tape access door has been opened.	_____	_____
2.12	The following connectors shall be present on the rear of the vault. The connectors shall be such that it is impossible to plug the wrong cable into the wrong port.		
	1. The wireless microphone antenna (BNC connector)	_____	_____
	2. Covert microphone connection	_____	_____
	3. Overhead console cable connection	_____	_____

		<b>Comply?</b>	
		<b>Yes</b>	<b>No</b>
4.	Power	_____	_____
5.	Auxiliary port (configurable between RS-232 and RS-485 data)	_____	_____
6.	Covert Camera connection	_____	_____
7.	Rear Camera Connection	_____	_____
2.13	The wireless microphone receiver shall be mounted within the same enclosure as the VCR	_____	_____
2.14	The VCR and enclosure shall be designed so that the use of heat pumps or air exchange systems for cooling is not necessary. For extremely warm environments an optional high efficiency solid state cooling module shall be available.	_____	_____
2.15	The VCR shall be thermostatically protected against over or under temperature conditions and dew conditions. Operation of the VCR shall be inhibited below 40 degrees F and at high temperatures. Temperature shall be sensed as soon as practical after the vehicle is started, and if the temperature needs to be adjusted (heat or cool), action will be taken automatically to achieve normal operating temperature inside the vault.	_____	_____
2.16	The system shall allow the programmable option for the displayed information to flash on the display to allow information obscured by the text to be seen	_____	_____
2.17	VCR Cable connectors or operating VCR buttons (Besides Eject) shall not be exposed when the access door is opened to change a tape or enable programming	_____	_____
2.18	It shall not be necessary to insert fully rewound videotapes	_____	_____
2.19	The VCR shall only incorporate a full sized VHS video head	_____	_____

**Comply?**  
**Yes**                      **No**

- |      |   |       |       |
|------|---|-------|-------|
| 2.20 | The VCR shall find the beginning of the blank segment on any tape inserted into it automatically. This function shall be done each time a tape is inserted, so that the unit is ready to go into record upon command. Systems that wait to perform this function until the system is powered "on" or until the Record button is pressed are not acceptable. | _____ | _____ |
| 2.21 | The industrial recorder shall have an operating temperature range of 20 degrees F to 170 degrees F (-7 degrees C to 77 degrees C)   | _____ | _____ |
| 2.22 | The vault shall have a 3/8" layer of foram insulation. The vault shall optionally be available with Kevlar insulation   | _____ | _____ |
| 2.23 | An optional solid state heat pump shall be available.   | _____ | _____ |
| 2.24 | The vault shall contain a standard 50 Watt heater, with the provision for increasing the heater to over 100 watts   | _____ | _____ |
| 2.25 | The vault shall have an internal circulating fan which will be activated as soon as practical after the vehicle is started  | _____ | _____ |
| 2.26 | The VCR shall be able to find the beginning of the blank segment on any tape inserted into it automatically. The function shall be done each time a tape is inserted so that the unit is ready to go into record upon command   | _____ | _____ |
| 2.27 | Whenever a tape is inserted into the video system, the system shall immediately find the end of the tape and be prepared to record upon system activation. Systems that wait to perform this function until the system is powered "on" or until the Record button is pressed are not acceptable   | _____ | _____ |
| 2.28 | The VCR shall park the tape prior to powering down  | _____ | _____ |

**Comply?**  
**Yes**                      **No**

**3. Color Camera**

- |      |  |       |       |
|------|--|-------|-------|
| 3.1  | The video system shall include a color CCD camera with 1/4" interline transfer CCD device.   | _____ | _____ |
| 3.2  | The camera shall include a minimum horizontal resolution of 450 lines  | _____ | _____ |
| 3.3  | The camera shall include a minimum sensitivity rating of 1.0 LUX   | _____ | _____ |
| 3.4  | The camera shall utilize an automatic zoom/focus lens and an electronic iris with manual override  | _____ | _____ |
| 3.5  | The camera shall include auto white balance control And backlight compensation   | _____ | _____ |
| 3.6  | The camera shall include a user accessible backlight compensation control button   | _____ | _____ |
| 3.7  | The camera shall have a minimum of 23:1 internal zoom lens   | _____ | _____ |
| 3.8  | The camera shall incorporate an 8:1 Digital Zoom   | _____ | _____ |
| 3.9  | The camera shall include an "Tele-Zoom" control that allows the user to cause the camera to automatically zoom in, with the automatic focus active, and then zoom out to its wide angle position | _____ | _____ |
| 3.10 | All connections to the camera shall be made via a single cable   | _____ | _____ |
| 3.11 | All camera mounts shall allow easy removal of the camera. They shall allow for 360 degrees of rotation of the camera by hand   | _____ | _____ |



**Comply?**  
**Yes**                      **No**

- |      |  |  |  |
|------|--|--|--|
| 3.12 | The camera shall mount to the overhead console bracket. The camera shall also have an option for mounting to the windshield.   | _____<br>_____<br>_____                            | _____<br>_____<br>_____                            |
| 3.13 | The camera shall have a manually-adjustable electronic shutter   | _____<br>_____                                     | _____<br>_____                                     |
| 3.14 | The camera shall be finished in a textured finish, to minimize glare and cleaning requirements   | _____<br>_____                                     | _____<br>_____                                     |
| 3.15 | Indicator lights shall be attached to the bottom of the camera to inform the officer when he/she is outside of the vehicle that the system is recording and that his microphone is being received                                    | _____<br>_____                                     | _____<br>_____                                     |
| 3.16 | The pushbutton controls shall be located on the rear of the camera and consist of:<br>1.     Zoom In & Zoom Out<br>2.     Focus in and Focus Out<br>3.     Backlight compensation on/off<br>4.     Tele-Zoom<br>5.     Shutter Speed | _____<br>_____<br>_____<br>_____<br>_____<br>_____ | _____<br>_____<br>_____<br>_____<br>_____<br>_____ |
| 3.17 | The camera controls shall be duplicated on the control head  | _____<br>_____                                     | _____<br>_____                                     |

**4. Overhead Control Console**

- |     |   |                |                |
|-----|---|----------------|----------------|
| 4.1 | Shall have fully backlit text with good contrast for all functions. Backlighting will adjust to ambient light conditions.             | _____<br>_____ | _____<br>_____ |
| 4.2 | Shall include brightness and volume controls for the monitor  | _____<br>_____ | _____<br>_____ |
| 4.3 | Shall contain all of the VCR controls and the video monitor. Must mount on the headliner of the vehicle without damage to the vehicle | _____<br>_____ | _____<br>_____ |

		<b>Comply?</b>	
		<b>Yes</b>	<b>No</b>
4.4	Size shall not exceed 6"W x 7-3/4"L x 2-3/4" D	_____	_____
4.5	Shall easily mount in most vehicles via the sun visor clips.	_____	_____
4.6	Shall also contain buttons to allow control of the camera.	_____	_____
4.7	Monitor shall be fixed-mounted. It shall be canted ownward and leftward toward driver.	_____	_____
4.8	Console shall be constructed of plastic, with a textured Finish	_____	_____
4.9	Console shall have a two-line LED alphanumeric message window, separate from monitor display, for communicating the system status to the operator. This shall report the system status and actions, even when the monitor is blanked.	_____	_____
4.10	The two-line message display shall report the VCR status (for example, Record, Play, Fast Forward, Rewind) whenever the VCR is active.	_____	_____
4.11	The two-line message display shall display the time left on tape whenever the system is recording.	_____	_____
4.12	The two-line message display shall display the current date and time as a default display.	_____	_____
4.13	The two-line message display shall display the current camera setting mode when the camera zoom or focus is adjusted from the control console.	_____	_____
4.14	The two-line message display shall display all of the systems advisory messages. These shall include, but not be limited to:		
	1. Voltage fault, either too high or too low for operation	_____	_____
	2. Temperature fault, either too high or too low for operation	_____	_____
	3. Finding available media, when finding the end of the tape or an open portion of the digital recording media	_____	_____
	4. Advancing media, when repositioning the tape after a recording session.	_____	_____
	5. Programming, to indicate that the programming menu is active.	_____	_____

**Comply?**  
**Yes**                      **No**

4.15 The control console shall have an extensive menu system, to allow the department to customize the system for its needs. There shall be two menus, one accessible to the officer and one for the administrator. Administrative functions shall only be accessible with a special programming key, to prevent an officer from altering the evidence.

\_\_\_\_\_

**5. Power Requirements**

5.1 Operating voltage shall be 10.5-16 VDC with 12 VDC being nominal

\_\_\_\_\_

5.2 Power supply filtering and regulation shall be provided by circuitry within VCR enclosure

\_\_\_\_\_

5.3 Power shall be supplied to the enclosure's heating system, whenever the vehicle is running, even if the video system is not in use

\_\_\_\_\_

5.4 The system shall draw no appreciable current when the ignition is off

\_\_\_\_\_

5.5 The system shall have reverse polarity and surge protection

\_\_\_\_\_

5.6 The system will automatically turn itself off as soon as practical after the ignition is turned off, unless the system is in record mode. In that case, the system shall stop recording and turn itself off 30 minutes after the ignition is turned off, unless recording is terminated manually before the end of the 30 minute period

\_\_\_\_\_

**Comply?**  
**Yes**                      **No**

**6. System Operation**

- |     |   |                                  |                                  |
|-----|---|----------------------------------|----------------------------------|
| 6.1 | The system must be able to be activated by any one of the following methods:<br>Pressing REC on the control head.<br>Turning on the vehicle emergency lights.<br>Activating the system’s wireless microphone transmitter.<br>By an optional programmable input.   | _____<br>_____<br>_____<br>_____ | _____<br>_____<br>_____<br>_____ |
| 6.2 | Once recording is activated, the recording shall only be able to be stopped by one of the following methods:<br>Pressing the Stop or Power button on the control head.<br>By timing out as in 9.3<br>Recording to the end of the tape<br>By an optional programmable input.   | _____<br>_____<br>_____<br>_____ | _____<br>_____<br>_____<br>_____ |
| 6.3 | The system shall provide an electronic means of preventing the system from recording over previously-recorded segments on the tape.   | _____                            | _____                            |
| 6.4 | During playback mode, pressing either the FFW or REWIND button shall put the system into high speed visual search.  | _____                            | _____                            |
| 6.5 | Each time a tape is inserted, the system shall automatically search the tape from the end and stop at the latest available blank area on the tape if record over protection is turned on. Record-over protection shall only be able to be turned off by someone with the administrator key.   | _____                            | _____                            |
| 6.6 | After the system has been operated in playback mode and in every other case where the tape is not at the beginning of a blank segment, activation of the record mode shall cause the system to automatically locate the end of recorded material and start the system recording at the blank area. The system must remember the location of the last recorded segment in order to minimize the delay in recording. It is not acceptable for the system to have to search from the end of the tape to find the last recorded segment in this instance. | _____                            | _____                            |

		<b>Comply?</b>	
		<b>Yes</b>	<b>No</b>
6.7	The system shall inhibit operation whenever		
	1. The internal temperature of the vault is above or below the rated temperature of the recorder (-30° to +68°C)	_____	_____
	2. The operating voltage is above or below the operational limits of the system (10.8 to 16.5 Volts DC)	_____	_____

Systems that allow operation outside of the rated temperature ranges, where damage to the recorder may occur, are not permissible.

**7.0 - Color Monitor**

7.1	The color active matrix LCD screen will utilize a minimum of a 3½ " diag. screen.	_____	_____
7.2	The display element will be a TFT active matrix high resolution color liquid crystal, with a high-luminance florescent back light.	_____	_____
7.3	The monitor's power supply shall not exceed 5 watts.	_____	_____
7.4	The monitor shall have a brightness control.	_____	_____
7.5	The monitor shall be able to be turned off without affecting the system's operation.	_____	_____
7.6	The monitor shall normally be fully integrated into the control head.	_____	_____
7.7	The monitor must be capable of displaying the following information:		
	A. Camera image (live)	_____	_____
	B. Previously recorded information from VCR.	_____	_____
	C. Time	_____	_____
	D. Date	_____	_____
	E. Time left on tape (hours & minutes)	_____	_____
	F. User defined titler information	_____	_____
	G. Emergency lights indicator	_____	_____
	H. Siren indicator	_____	_____
	I. In-car Microphone indicator	_____	_____
	J. Wireless microphone indicator	_____	_____
	K. Brake indicator	_____	_____
	L. Radar speed data (if radar is interfaced to the system)	_____	_____
	M. Optional covert camera video (live, switchable)	_____	_____
	N. Optional rear camera video (live, switchable)	_____	_____

**Comply?**

**Yes** **No**

**8.0 - Overhead Console Controls**

8.1 All control head buttons must be equipped with backlit text. \_\_\_\_\_ \_\_\_\_\_

- 8.2 The control head buttons shall control the following functions:
- A. Record \_\_\_\_\_ \_\_\_\_\_
  - B. Stop \_\_\_\_\_ \_\_\_\_\_
  - C. Rewind \_\_\_\_\_ \_\_\_\_\_
  - D. Play/pause \_\_\_\_\_ \_\_\_\_\_
  - E. Fast forward \_\_\_\_\_ \_\_\_\_\_
  - F. Power \_\_\_\_\_ \_\_\_\_\_
  - G. Camera Selection \_\_\_\_\_ \_\_\_\_\_
  - H. Activation of TeleZoom \_\_\_\_\_ \_\_\_\_\_
  - I. Manual Zoom \_\_\_\_\_ \_\_\_\_\_
  - J. System Activation with the Remote Microphone \_\_\_\_\_ \_\_\_\_\_
  - K. Manual Focus \_\_\_\_\_ \_\_\_\_\_
  - L. LCD Blank (sleep mode) \_\_\_\_\_ \_\_\_\_\_
  - M. Menu \_\_\_\_\_ \_\_\_\_\_

- 8.3 The control head will contain indicators for the following:
- A. Record \_\_\_\_\_ \_\_\_\_\_
  - B. Remote Microphone Activation On \_\_\_\_\_ \_\_\_\_\_
  - C. Remote Microphone On \_\_\_\_\_ \_\_\_\_\_
  - D. Selected Camera \_\_\_\_\_ \_\_\_\_\_
  - E. Play (also flashes for Pause) \_\_\_\_\_ \_\_\_\_\_
  - F. Menu \_\_\_\_\_ \_\_\_\_\_
  - G. In-car Microphone On \_\_\_\_\_ \_\_\_\_\_

- 8.4 The control head will contain a two-line LED alphanumeric display to inform the user of the system status. Information shown on the alphanumeric display shall include
- A. Time left on tape \_\_\_\_\_ \_\_\_\_\_
  - B. No tape in system \_\_\_\_\_ \_\_\_\_\_
  - C. Tape full \_\_\_\_\_ \_\_\_\_\_
  - D. Voltage and temperature warnings \_\_\_\_\_ \_\_\_\_\_
  - E. Recorder Actions (Record, Play, Rewind, FFW, Pause, etc.) \_\_\_\_\_ \_\_\_\_\_
  - F. Finding end of tape \_\_\_\_\_ \_\_\_\_\_
  - G. Powering On Recorder \_\_\_\_\_ \_\_\_\_\_
  - H. Powering Off Recorder \_\_\_\_\_ \_\_\_\_\_
  - I. Time and Date \_\_\_\_\_ \_\_\_\_\_

**Comply?**  
**Yes**                      **No**

8.5 As part of the “power on” cycle, the system will momentarily show the unused Time Left on Tape on the alphanumeric display.

\_\_\_\_\_

**9.0 - WIRELESS MICROPHONE (VHF)**

9.1 The transmitter series shall have at least 8 distinct fixed frequencies available. Each transmitter shall operate on two of these frequencies. Frequency 1 shall be constant for all systems, Frequency 2 shall vary amongst the systems.

\_\_\_\_\_

9.2 The transmitter antenna shall be incorporated into the microphone.

\_\_\_\_\_

9.3 The microphone cable shall have a right angle plug-in connector, and a clip for the element.

\_\_\_\_\_

9.4 The system shall utilize a lavalier microphone and include a foam windscreen.

\_\_\_\_\_

9.5 The transmitter shall incorporate tone key squelch. There should be at least 39 unique codes available.

\_\_\_\_\_

9.6 The transmitter shall use alkaline batteries.

\_\_\_\_\_

9.7 A belt holster shall be included for the transmitter. A retaining strap must be incorporated into it.

\_\_\_\_\_

9.8 An upgrade to a patent leather holster shall be available.

\_\_\_\_\_

**9.9 - WIRELESS MICROPHONE (UHF Option)**

9.10 The system shall offer an optional UHF microphone system operating in the 900 MHz band.

\_\_\_\_\_

9.11 The transmitter antenna shall be incorporated into the transmitter case.

\_\_\_\_\_

		<b>Comply?</b>	
		<b>Yes</b>	<b>No</b>
9.12	The transmitter shall have an internal microphone and be supplied with an optional corded microphone. The cable of the optional corded microphone shall have a right angle plug-in connector, and a clip and windscreen for the element. The internal microphone will be activated when the external corded microphone is unplugged.	_____	_____
9.13	The transmitter shall use cell phone technology with spread spectrum techniques.	_____	_____
9.14	The transmitter shall use rechargeable batteries. A docking charger will act as the battery charger and as means to synchronize the frequencies. Whenever a transmitter is docked into the charger, it shall synchronize with the system. All of the transmitters provided shall be compatible and synchronizable to any of the video systems provided.	_____	_____
9.15	Multiple transmitters must be able to operate in the same area (50-500 feet) without interfering with each other.	_____	_____
9.16	The transmitter must operate at least at least 9 hours per charge.	_____	_____
9.17	A minimum line of sight range of 500 feet is required.	_____	_____
9.18	A belt holster shall be included for the transmitter. A snap-on belt strap and retaining strap must be incorporated into it. The holster shall be made of patent leather.	_____	_____
9.19	Whenever the video system is placed into record mode by either pressing the Record button or turning on the emergency lights, the transmitter shall automatically be activated. The transmitter shall give the officer an audible tone in order to inform him/her that the transmitter has automatically turned on. Whenever the Recording is terminated (by pressing the Stop utton), the transmitter shall be automatically turned off.	_____	_____
9.20	Whenever the transmitter is turned on, the video system shall initiate recording.	_____	_____
9.21	The wireless transmitter shall be equipped with a beep tone to inform the officer whenever the transmitter is out of the range of the receiver.	_____	_____



**Comply?**

**Yes**                      **No**

- |      |  |       |       |
|------|--|-------|-------|
| 9.22 | The wireless transmitter shall have the available option to add an earpiece for the officer so that he can monitor audio from a second officer or an occupant in the patrol vehicle. | _____ | _____ |
| 9.23 | The wireless transmitter shall incorporate a “low battery” indicator.  | _____ | _____ |

**10.0 - Wireless Microphone Receiver (VHF)**

- |      |   |       |       |
|------|---|-------|-------|
| 10.1 | The wireless microphone receiver shall be mounted inside the VCR vault in such a way as to minimize RF interference from other equipment inside or outside the car. | _____ | _____ |
| 10.2 | The wireless microphone receiver shall provide a trigger to cause the mobile video system to start recording upon activation of the officer’s transmitter.          | _____ | _____ |

**10.3 - Wireless Microphone Receiver (UHF Option)**

- |      |   |       |       |
|------|---|-------|-------|
| 10.4 | The wireless microphone receiver shall be mounted inside a docking station, which mounts in the vehicle’s cabin.  | _____ | _____ |
| 10.5 | The wireless microphone receiver shall provide a trigger to cause the mobile video system to start recording upon activation of the officer’s transmitter.  | _____ | _____ |
| 10.6 | Whenever a transmitter is inserted into the docking station, it shall synchronize to the receiver of the video system. When the transmitter achieves synchronization with the receiver, it shall give a confirmation tone to the officer. | _____ | _____ |
| 10.7 | The docking station shall also act as a recharger for the transmitter’s batteries.  | _____ | _____ |
| 10.8 | The docking station shall incorporate the system’s receiver.  | _____ | _____ |
| 10.9 | The system shall have a dipole antenna as an available option to extend the range of the microphone system whenever the base unit is mounted out of sight.  | _____ | _____ |

	<b>Comply?</b>	
	<b>Yes</b>	<b>No</b>

10.10 The wireless microphone receiver shall have an available option to add an earpiece so that the wireless audio can be monitored by another officer in the patrol car without being heard by a suspect.

_____	_____
-------	-------

**11.0 - Miscellaneous**

11.1 All system components shall be interconnected by cables with fully locking connectors. All connections shall be configured such that it is impossible for a cable to be connected to the wrong port.

_____	_____
-------	-------

11.2 System shall be fused at the battery connection. The system shall also have a circuit breaker on the vault, which can act secondarily as a Reset switch.

_____	_____
-------	-------

11.3 Internal memory for the time, date, and programming options shall be backed up a 10-year lithium battery within the system.

_____	_____
-------	-------

11.4 The system shall be provided with a radar interface for connecting to MPH Industries' DSP-based radars.

_____	_____
-------	-------

11.5 The system shall offer interfaces to other optional equipment, including other manufacturers' radars.

_____	_____
-------	-------

11.6 The system shall recognize leap years and keep proper date.

_____	_____
-------	-------

11.7 The system shall have the ability to respond to daylight savings time and adjust its clock accordingly. The feature shall be able to be turned on/off by the user for use internationally and in Indiana and Arizona.

_____	_____
-------	-------

11.8 **All equipment must be received no later than 6/30/06 - end of fiscal year.**

_____	_____
-------	-------

**Comply?**  
**Yes**                      **No**

**12. Warranty**

- |      |   |       |       |
|------|---|-------|-------|
| 12.1 | The video system shall include a one year parts and labor warranty against any defects in materials or workmanship on all system components | _____ | _____ |
| 12.2 | Extended Maintenance Agreements shall be available to the department after the first year warranty expires                                  | _____ | _____ |
| 12.3 | The warranty period shall begin from the date of installation   | _____ | _____ |
| 12.4 | All shipping charges shall be the responsibility of the vendor during warranty period   | _____ | _____ |

**13. - Available Options**

The following optional equipment shall be available for the in car video system:

- |      |   |       |       |
|------|---|-------|-------|
| 13.1 | Covert rear seat infrared camera its own illumination   | _____ | _____ |
| 13.2 | Thermoelectric cooler (for regions where the trunk (boot) temperature may exceed 132 degrees F (55 degrees C) | _____ | _____ |
| 13.3 | Grill mounted status lights   | _____ | _____ |
| 13.4 | Radar interfaces for various non-MPH radar units  | _____ | _____ |
| 13.5 | Interface for other serial-communication devices  | _____ | _____ |
| 13.6 | Rear looking camera   | _____ | _____ |
| 13.7 | Higher wattage heaters, up to 100 watts   | _____ | _____ |
| 13.8 | Kevlar lining for vault   | _____ | _____ |
| 13.9 | Professional table top videotape eraser   | _____ | _____ |

Rates are as follows - please give pricing **based on 30-35 units**:

Quantity	Item	Quoted Price
1 each	In car Video system that will provide a system that allows for effective recordings that will withstand the most rigorous of challenges in a court system.	\$ _____
1	Maintenance for after the one year warranty expires - cost for twelve months (1 year) at a time	\$ _____

Company Name: \_\_\_\_\_

Contact Name: \_\_\_\_\_  
(Please Print)

Telephone: \_\_\_\_\_

Fax: \_\_\_\_\_

email: \_\_\_\_\_

**A F F I D A V I T****West Virginia Code §5A-3-10a states:**

No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owned is an amount greater than one thousand dollars in the aggregate.

**DEFINITIONS:**

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions.

"Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

**EXCEPTION:**

The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

**LICENSING:**

The vendor must be licensed in accordance with any and all state requirements to do business with the state of West Virginia.

**CONFIDENTIALITY:**

The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendors should visit [www.state.wv.us/admin/purchase/privacy](http://www.state.wv.us/admin/purchase/privacy) for the Notice of Agency Confidentiality Policies.

Under penalty of law for false swearing (West Virginia Code, §61-5-3), it is hereby certified that the vendor acknowledges the information in this said affidavit and are in compliance with the requirements as stated.

Vendor's Name: \_\_\_\_\_

Authorized Signature: \_\_\_\_\_ Date: \_\_\_\_\_