



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
DPS0708

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
BUYER 32
304-558-0492

VENDOR

RFQ COPY
 TYPE NAME/ADDRESS HERE

MPH Industries, Inc.
 316 E. 9th Street
 Owensboro, KY 42303

SHIP TO

WEST VIRGINIA STATE POLICE
 4124 KANAWHA TURNPIKE
 SOUTH CHARLESTON, WV
 25309 304-746-2141

DATE PRINTED 11/09/2006	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
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BID OPENING DATE: **11/28/2006** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
				REQUEST FOR QUOTATION		
				THE PURCHASING DIVISION IS SOLICITING BIDS FOR THE WEST VIRGINIA STATE POLICE TO PROVIDE AN OPEN-END CONTRACT FOR COMPACT IN-CAR VIDEO SYSTEM.		
				ATTACHMENTS: 1. SPECIFICATIONS 2. AFFIDAVIT		
0001	1	LT		840-70		NO BID
				COMPACT IN-CAR DIGITAL VIDEO SYSTEMS		
				VENDOR PREFERENCE CERTIFICATE		
				CERTIFICATION AND APPLICATION* IS HEREBY MADE FOR PREFERENCE IN ACCORDANCE WITH WEST VIRGINIA CODE, 5A-3-37 (DOES NOT APPLY TO CONSTRUCTION CONTRACTS).		
				A. APPLICATION IS MADE FOR 2.5% PREFERENCE FOR THE REASON CHECKED:		
				() 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		
				() 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		

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE *[Signature]* TELEPHONE **888-689-9222** DATE **11-16-06**

TITLE **Sales & Mktg.** FEIN **61-1205274** 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 \$125.00 registration fee.
5. All services performed or goods delivered under State Purchase Orders/Contracts are to be continued for the term of the Purchase Order/Contract, 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 §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) 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. **BID SUBMISSION:** All quotations must be delivered by the bidder to the office 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.

SIGNED BID TO:

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



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<p>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 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</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

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<p>YEARS IMMEDIATELY PRECEDING SUBMISSION OF THIS BID.</p> <p>BIDDER UNDERSTANDS IF THE SECRETARY OF TAX & 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> <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>						

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SIGNED: ----- TITLE: ----- * 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) NOTICE A SIGNED BID MUST BE SUBMITTED TO: DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130 THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED: SEALED BID BUYER: _____ RFQ. NO.: _____ BID OPENING DATE: _____						

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BID OPENING DATE: 11/28/2006 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
BID OPENING TIME:				1:30 PM	-----	
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 DPS0708 ***** TOTAL:						_____

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Compact Size Digital In-Car Video System Specifications

A.) Purpose:

The purpose of these specifications is to establish a minimum standard of quality for Compact In-Car Digital Video Systems, hereinafter system. The intention is to insure that the West Virginia State Police, hereinafter Agency, is provided with 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 housed in a rear view mirror to accommodate the ever-changing police vehicle environment.

The awarded contract shall be available for use by this agency as well as all other entities of state government, and all counties and municipalities within the State Of West Virginia.

B.) Scope:

The design of the system shall use state-of-the-art technology to include a microprocessor controlled logic control assembly, color camera, color monitor, wireless transmitter and protective enclosure for the Digital, electronics and receiver components. To ensure the system can be configured to fit within the widest range of vehicles; the majority of the system shall be housed in a rear view mirror, which replaces the factory installed rear view mirror. Only the main forward looking camera and the GPS antenna shall be external to the mirror body. The system shall utilize a common recording media such as a CF Flash card form factor memory module, with a minimum size of 1GB for video storage, which is readily available at retail establishments and which is the media is capable of easily being transferred to a CD or DVD through the utilization of laptop computer. The system must perform well when taken across rough terrain and when the vehicle is involved in a crash.

The **Enclosure** will house all of the critical components requiring environmental protection from extremes of heat, cold, and physical damage. The enclosure shall be designed so that extreme heat and cold environmental conditions do not affect the operation of the system. The enclosure must provide for easy removal and installation to facilitate maintenance requirements:

The **Camera** component will be a separate component to allow for flexibility of positioning in a variety of vehicles and must be simple to remove and install to facilitate maintenance requirements. The System must be able to function and record with the monitor in the "off" position (Covert Mode).

The **Wireless Microphone** component must be capable of working within the 900MHz or higher frequency range with Digital Spread Spectrum Technology to prevent false activations and distorted recordings due to other sources in close proximity. The system will include a mountable docking station capable of synchronizing with the wireless transmitter and acting as a recharging station. The wireless microphone will be capable of a continuous transmission for a minimum of 8-10 hours. The system will be capable of activating/deactivating the wireless microphone transmitter upon entering/leaving the record mode. The system shall be designed so that the wireless microphone may only be deactivated by stopping the record mode from the control panel of the system. The vehicle will have a forward facing (at all times) indicator to provide user confidence when outside the vehicle, that the wireless transmitter's signal is being received and the system is in record mode.

The **In Cabin Microphone** must be provided with the system. Activation and deactivation of the In Cabin microphone must be at the officer's control via the system's control panel.

The **Control Panel** will allow for the operation and playback of the system. Additionally, it must act as the *only* input for system programming operations. It must be simple to remove and install to facilitate maintenance requirements.

The **Monitor** must be a color LCD monitor with a minimum 3.5" diagonal display. It must include controls for picture brightness, volume and power. The monitor shall be mounted behind the mirror glass, and must be invisible when not in operation. The System must be able to function and record with the monitor in the "off" position (Covert Mode).

The **System's Software** required for downloading video data, archiving, reviewing, unit setting, unit management, and burning DVDs shall be provided with each unit ordered. The support for this software shall include version updates and be provided free of charge to the agency for the life of the system. The system's operating software shall be capable of being field updated by loading encrypted code onto the memory card and inserting it into the unit. The system shall also be capable of its initial setup in this same manner.

C.) In-Car Digital Video Bid Requirements:

The equipment offered will be in full commercial production. No "brand new" or prototype models will be considered. When requested, proof of current sales and delivery of the specified equipment over the past 6 months will be provided, in writing, referencing current customers with contacts and phone numbers for verification.

When requested by the Agency, the bidder shall furnish a complete sample unit at no charge within 10 days of the request for evaluation purposes.

D.) Format of Alternate Product Bid Responses:

For "alternate product bids" bidder shall submit their response utilizing the bid response sheet contained within these specifications. Bidders shall indicate either "yes" or "no" by placing a mark on the appropriate line associated with each specification. Vendors not complying with this will not be considered for bid award. Specifications in which a Vendor checks "No" requires the vendor to indicate on a separate page labeled "Exceptions" the exact specification and deviation from the specification as to why their product does not meet or exceed the specification. Products not meeting or exceeding these specifications will be eliminated from consideration.

Note: Bidders returning only information concerning their products without addressing each of the following specification requirements shall be eliminated from consideration as non-responsive.

The Agency reserves the right to terminate the contract for unacceptable performance according to specifications, untimely delivery times on product, or lack of technical support.

The contract will be awarded to the vendor bidding the product with the lowest cost and meeting the specifications as set forth in this RFQ.

TECHNICAL SPECIFICATIONS

1. DIGITAL SYSTEM AND COMPONENTS

	Comply?	
	<u>Yes</u>	<u>No</u>
1.1 The System shall be a complete in-car video system contained almost completely within the body of a replacement automobile rear-view mirror.	_____	_____
1.2 The unit shall contain the digital video/audio recorder, storage memory, GPS receiver, wireless microphone receiver, video display, speaker, internal microphone, rear facing internal surveillance camera, IR LED's for internal illumination, and system controls.	_____	_____
1.3 The unit shall utilize an extremely compact, high-quality, color, 120X zoom video camera, mounted in an external housing.	_____	_____
1.4 The Mirror housing (Control Head) of the system shall be approximately 12" x 3.5" x 1" in size.	_____	_____
1.5 The shell / construction of the system shall be of Poly Carbonate / ABS high impact / high temp plastic.	_____	_____
1.6 The weight of the mirror, including all contained system components shall be no more than approximately 12 oz.	_____	_____
1.7 The system shall have an operating temperature range of 32°F to 122°F (0°C to 50°C).	_____	_____
1.8 The system shall be capable of recording pre-event data up to a minimum of 60 seconds.	_____	_____
1.9 The rear view mirror shall house a minimum of 3.5" diagonal, 640x480 Color TFT LCD monitor, which shall be mounted behind the mirror glass. The monitor shall be invisible when not in operation or when used in covert mode.	_____	_____
1.10 The system must have a pass code administrative access security to gain access to the settings of the system to prevent changes of certain settings.	_____	_____
1.11 The system must require a key to gain access to the memory slot area of the system.	_____	_____
1.12 The video files must be watermarked to prevent tampering or alteration of the recordings.	_____	_____
1.13 The system must have the ability to mark a segment of video to show current GPS location.	_____	_____

		Comply?	
		<u>Yes</u>	<u>No</u>
1.14	The system must have Auto-Zoom capability in which with the push of a button the camera will Zoom in to a preset magnification auto focus, and then zoom back out to widest view.	_____	_____
1.15	The system shall have the following minimum controls:		
1.15.1	Power On/Off	_____	_____
1.15.2	Play	_____	_____
1.15.3	Stop	_____	_____
1.15.4	Record	_____	_____
1.15.5	Rewind	_____	_____
1.15.6	Fast forward	_____	_____
1.15.7	In-Car Microphone – On/Off	_____	_____
1.15.8	Volume Control for Playback, Internal and External Microphones	_____	_____
1.16	The system shall have the ability and connectors for the following minimum connections:		
1.16.1	Power In	_____	_____
1.16.2	Radar Gun Data In	_____	_____
1.16.3	External Camera In	_____	_____
1.16.4	External Microphone In	_____	_____
1.16.5	Audio/Video Out	_____	_____
1.16.6	Audio/Video In	_____	_____
1.16.7	GPS Antenna In	_____	_____
1.16.8	Triggers In	_____	_____
1.16.9	USB 2.0 Port	_____	_____
1.17	The system shall be capable of automatically entering Record mode from any of the following minimum triggers:		
1.17.1	Activation of emergency lights	_____	_____
1.17.2	Activation of siren	_____	_____
1.17.3	Pressing the Record button on the control system	_____	_____
1.17.4	Activating Digital Wireless Microphone (DWM)	_____	_____
1.18	The only method for the system to stop Recording shall be by pressing the 'STOP' button.	_____	_____
1.19	The operator may stop the recording while the emergency vehicle lights and/or siren are still on.	_____	_____
1.20	Recorded information cannot be overwritten while in the Digital Recorder. It may only be erased using the PC application program and must require a password.	_____	_____

Comply?
Yes No

1.21 At a minimum, the following information shall be available to be recorded (Menu Selection) to the Compact Flash media and be stored as Metadata:

- 1.21.1 Text – (ie: Officer Name, Vehicle ID, Agency, Etc.) _____
- 1.21.2 Camera – F /R (Indication of which camera is recording) _____
- 1.21.3 Date / Time - MO/DA/YR HR:MN _____
- 1.21.4 GPS – GPS Information _____
- 1.21.5 Radar Speeds - Patrol, Lock, Target _____
- 1.21.6 Vehicle speed or GPS _____
- 1.21.7 Light-bar Activated _____
- 1.21.8 Brake Depressed _____
- 1.21.9 Siren Activated _____
- 1.21.10 Event Mark _____
- 1.21.11 Internal Microphone On/Off _____
- 1.21.12 Wireless Microphone On/Off _____

1.22 The following information shall be displayed on the monitor, but not Recorded to the media:

- 1.22.1 Record time left - A warning shall be displayed and sounded when there is 30 minutes of record time remaining and when there is 10 minutes of record time remaining. _____
- 1.22.2 Low Battery Voltage warning _____
- 1.22.3 Non-Operational Temperature warning – Out of Temperature Range _____

1.23 The system shall be capable of the following minimum Display Functions, which are chosen by the administrator during setup:

- 1.23.1 Text - Officer Name, Vehicle ID, Agency, Etc. _____
- 1.23.2 Camera - CAM1 _____
- 1.23.3 Date / Time - MO/DA/YR HR:MN _____
- 1.23.4 GPS – GPS Information _____
- 1.23.5 Radar Speeds – Patrol and Target _____
- 1.23.6 Patrol vehicles speed or GPS Speed _____
- 1.23.7 Light-bar activated _____
- 1.23.8 Brake depressed _____
- 1.23.9 Siren activated _____
- 1.23.10 Event Mark _____
- 1.23.11 Internal Microphone On/Off _____
- 1.23.12 Wireless Microphone On/Off _____

1.24 The Main Menu of the system shall at a minimum display the Agency's Logo indications of Record Time remaining, Software Version, User Name Selection and Password. _____

Comply?
Yes No

1.25 The Main Menu of the system shall control the following minimum functions:

- 1.25.1 Playback Mode (Internal Mic Volume; Exterior Mic Volume) _____
- 1.25.2 Camera (Day / Night; Auto Focus On / Off; Auto Zoom; LED's On / Off) _____
- 1.25.3 Monitor (On / Off / Auto; Brightness) _____
- 1.25.4 Backlight (Brightness) _____
- 1.25.5 Settings (Text; Date / Time; Display) _____
- 1.25.6 Text - On / Off _____
- 1.25.7 Camera - On / Off _____
- 1.25.8 Date / Time - On / Off _____
- 1.25.9 GPS – On / Off _____
- 1.25.10 Radar Speeds - On / Off _____
- 1.25.11 Patrol vehicle speed or GPS Speed - On / Off _____
- 1.25.12 Light-bar- On / Off _____
- 1.25.13 Brake – On / Off _____
- 1.25.14 Siren – On / Off _____
- 1.25.15 Event Mark - On / Off _____
- 1.25.16 Internal Microphone - On / Off _____
- 1.25.17 Wireless Microphone - On / Off _____
- 1.25.18 Resolution (Low; Medium; High) _____
- 1.25.19 Record Triggers (Lights – Y / N; Siren – Y / N; Internal MIC) _____
- 1.25.20 Pre-Event On / Off _____
- 1.25.21 External MIC _____
- 1.25.22 Auto Activation On / Off _____
- 1.25.23 Radar Interface _____
- 1.25.24 Disable Power Button – Y/N _____

1.26 Internal memory for the time, date and settings shall be retained by a method (ie: lithium battery) to assure information is secure from loss for a minimum 8-year lifetime expectancy. _____

2. CAMERAS

2.1 Main Camera

- 2.1.1 The main camera shall be no larger than 2" x 2" x 3" in size. _____
- 2.1.2 The weight of the camera shall be no more than approximately 6 oz. _____
- 2.1.3 The camera system shall have the following minimum Zoom functions:
 - 2.1.3.1 Press "ZOOM IN / OUT", Toggles between Zoom In / Out up to 12X digital. _____

Comply?

Yes No

- 2.1.3.2 Press "Auto Zoom", Zooms in to preset magnification, auto focuses and Zooms back out to widest setting. _____
- 2.1.3.3 The system memorizes magnification after power is OFF, so when power is ON again, system sets same magnification as before. _____
- 2.1.3.4 Auto Zoom Setting in MENU settings for fixed magnification. _____
- 2.1.3.5 Auto Focus capabilities. _____
- 2.1.4 The main camera must meet the following minimum specifications:
 - 2.1.4.1 Color CCD Sensor NTSC _____
 - 2.1.4.2 768x484 Pixels _____
 - 2.1.4.3 470 Lines Resolution _____
 - 2.1.4.4 10X Optical Zoom, 12X Digital Zoom; Total 120x Zoom _____
 - 2.1.4.5 Auto Focus (manual via menu) _____
 - 2.1.4.6 View Angle – 50.7 to 5.4 degrees _____
 - 2.1.4.7 1 LUX Standard Mode _____
 - 2.1.4.8 .1 LUX Low Light (Night) Mode _____
 - 2.1.4.9 50 dB S/N _____

2.2 Internal Camera

- 2.2.1 The internal camera must meet the following minimum specifications:
 - 2.2.1.1 510x492 B&W CMOS Sensor (TV resolution) _____
 - 2.2.1.2 .01 LUX Sensitivity _____
 - 2.2.1.3 140 degree 4-Element Coated Glass Lens _____

2.3 Other Cameras

- 2.3.1 A jack must be provided for the input from an optional external video camera. _____

3. MICROPHONE

- 3.1 The system shall come equipped with both a digital wireless microphone (DWM) and an in-car microphone. _____
- 3.2 The wireless microphone(s) and internal microphone must be recorded on separate audio channels. _____

Comply?
Yes No

3.3 DIGITAL WIRELESS MICROPHONE (DWM)

3.3.1 The DWM system shall utilize an integrated 900MHz, Digital Spread Spectrum, Dual Receiver Capable remote microphone system. This shall enable two officer-worn remote mics to be used at the same time. _____

3.3.2 The nominal range of the DWM system shall be a minimum of 1000 feet. _____

3.3.3 The DWM system shall be capable of automatically finding a clear channel utilizing automatic frequency hopping. _____

3.3.4 The DWM system shall be capable of automatic activation when Record Mode is activated, by pressing "Record" or by activation of any of the system activation triggers. _____

3.3.5 The DWM shall have Low Battery, Operating State, and Out of Range indicators. _____

3.3.6 The operator shall be able to remotely activate the system's RECORD mode by pressing a button on the DWM. _____

3.3.7 Once the DWM transmitter is activated, it shall only be deactivated by stopping the RECORD function manually via the STOP button on the control head. _____

3.3.8 The DWM shall have an internal microphone and shall also be equipped with an external mic jack. _____

3.3.9 The DWM transmitter shall be provided with a lavalier microphone and cable that is connected to the transmitter via a miniature connector. _____

3.3.10 The DWM transmitter shall contain an internal antenna. Transmitters that rely on the microphone cable for an antenna, or which utilize an external antenna shall not be permitted. _____

3.3.11 The DWM shall come with a re-chargeable battery and battery charger/docking station. _____

3.4 In-Car Microphone

3.4.1 There shall be a microphone mounted inside the Mirror body for interior audio recording. _____

Comply?

Yes

No

3.4.2 There shall be a microphone jack on the system for connecting a rear seat microphone. The actual microphone may be listed as optional equipment.

4. GPS RECEIVER

4.1 The unit shall include an integrated GPS receiver so the recorded video may be marked with real-time latitude and longitude (LAT/LONG) position data.

4.2 The system must be capable of sharing the GPS receiver or antenna with other computerized devices in the vehicle.

5. MEDIA / VIDEO STORAGE

5.1 Media

5.1.1 The system shall use a common CF Flash card form factor memory module, with a minimum size of 1GB for video storage.

5.1.2 The system shall be capable of recording a minimum of 1hour/GB at High Resolution.

5.1.3 The system shall be capable of recording a minimum of 2hours/GB at Medium Resolution.

5.1.4 The system shall be capable of recording a minimum of 4hours/GB at Standard Resolution.

5.2 Video

5.2.1 Standard full speed video recordings are made at 30fps (frames per second), with recording speeds selected through a menu.

5.2.2 The following minimum video storage resolutions shall be selectable through a menu:

5.2.2.1 High 640x240 (full resolution)

5.2.2.2 Med 320x288 (CIF) 1M bits/sec

5.2.2.3 Low 320x288 (CIF) 512k bits/sec

5.2.3 The video storage format shall be MPEG 4.

5.2.4 Video played back through the video port shall be at a minimum of 704x480.

Comply?
Yes No

6. SOFTWARE

- 6.1 System's Software required for downloading video data, archiving, reviewing, unit setting, unit management, and burning DVDs shall be provided with each unit ordered. _____
- 6.2 The support for this software shall include version updates and be provided free of charge to the agency for the life of the system. _____
- 6.3 The system's operating software shall be capable of being field updated by loading encrypted code onto the memory card and inserting it into the unit. _____
- 6.4 The system shall be capable of its initial setup by loading encrypted code onto the memory card and inserting it into the unit. _____

7. POWER REQUIREMENTS

- 7.1 The power supply for the system shall require no more than 4 amps, 10-13.8V DC supplied by the vehicle. _____
- 7.2 The power supply must be heavily filtered and regulated to avoid interference. _____
- 7.3 The system shall be fused between the battery (12v source) and the System. _____
- 7.4 Over voltage protection and surge protection shall be provided. _____

8. WARRANTY AND REPAIR

- 8.1 The video system shall include a two-year limited parts and labor warranty against any defects in materials or workmanship on all System components. _____
- 8.2 Extended Maintenance Agreements shall be available to the agency after the two year warranty expires. _____
- 8.3 The warranty period shall begin from the date of installation. _____
- 8.4 All shipping charges shall be the responsibility of the vendor during the warranty period. _____
- 8.5 Manufacturer shall provide complete schematics, diagrams, service manuals and service bulletins on all provided electronic components. _____

Comply?
Yes No

8.6 The manufacturer shall offer and provide when requested, at no additional cost training to Electronic Technicians of the West Virginia State Police (WVSP); the training needed to properly operate, repair and maintain proper operation of the manufacturer's video system and also provide complete maintenance manuals and schematics for the system covered in the training to each student attending the class. A non-disclosure agreement will be signed with the manufacturer and only systems owned and/or operated by the WVSP will be repaired by the WVSP.

8.7 This training must be available at the on-site location of the West Virginia State Police.

RFQ No. _____

AFFIDAVIT

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 exceed 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:

Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State’s Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities.

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 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: _____