



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
DPS0655

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
BETTY FRANCISCO 304-558-0468

RFQ COPY
 TYPE NAME/ADDRESS HERE

VENDOR

SHIP TO

DEPARTMENT OF PUBLIC SAFETY
 4124 KANAWHA TURNPIKE

SOUTH CHARLESTON, WV
 25309 746-2141

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B	FREIGHT TERMS
04/12/2006				

BID OPENING DATE: 05/04/2006 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 FOR IN-CAR DIGITAL VIDEO SYSTEMS PER THE ATTACHED SPECIFICATIONS.						
ATTACHMENTS: 1. BID/TECHNICAL SPECIFICATIONS 2. AFFIDAVIT						
DELIVERY: DELIVERY SHALL BE MADE TO THE WEST VIRGINIA STATE POLICE 4124 KANAWHA TURNPIKE SOUTH CHARLESTON, WV 25309						
EACH ORDER RECEIVED AGAINST THE SUSEQUENT CONTRACT SHALL BE DELIVERED WITHIN 30 DAYS.						
INSTALLATION: INSTALLATION WILL BE PERFORMED BY WEST VIRGINIA STATE POLICE TECHNICIANS.						
0001	1	EA		840-70		
VIDEO CAMERAS, ACCESSORIES, AND PARTS (PORTABLE)						
EXHIBIT 1						
LIFE OF CONTRACT: THIS CONTRACT BECOMES EFFECTIVE ON AND EXTENDS FOR A PERIOD OF ONE (1) YEAR OR UNTIL SUCH "REASONABLE TIME" THEREAFTER AS IS NECESSARY TO OBTAIN A NEW CONTRACT OR RENEW THE						

SIGNATURE	TELEPHONE	DATE
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TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE
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**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 ̄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. **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
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<p>ORIGINAL CONTRACT. THE "REASONABLE TIME" PERIOD SHALL NOT EXCEED TWELVE (12) MONTHS. DURING THIS "REASONABLE TIME" THE VENDOR MAY TERMINATE THIS CONTRACT FOR ANY REASON UPON GIVING THE DIRECTOR OF PURCHASING 30 DAYS WRITTEN NOTICE.</p> <p>UNLESS SPECIFIC PROVISIONS ARE STIPULATED ELSEWHERE IN THIS CONTRACT DOCUMENT, THE TERMS, CONDITIONS, AND PRICING SET HEREIN ARE FIRM FOR THE LIFE OF THE CONTRACT.</p> <p>RENEWAL: THIS CONTRACT MAY BE RENEWED UPON THE MUTUAL WRITTEN CONSENT OF THE SPENDING UNIT AND VENDOR, SUBMITTED TO THE DIRECTOR OF PURCHASING THIRTY (30) DAYS PRIOR TO THE EXPIRATION DATE. SUCH RENEWAL SHALL BE IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THE ORIGINAL CONTRACT AND SHALL BE LIMITED TO TWO (2) SUCCESSIVE ONE (1) YEAR PERIODS.</p> <p>CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE COMMODITIES AND/OR SERVICES SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM WITH THE SPECIFICATIONS OF THE BID AND CONTRACT HEREIN</p> <p>OPEN MARKET CLAUSE: THE DIRECTOR OF PURCHASING MAY AUTHORIZE A SPENDING UNIT TO PURCHASE ON THE OPEN MARKET, WITHOUT THE FILING OF A REQUISITION OR COST ESTIMATE, ITEMS SPECIFIED ON THIS CONTRACT FOR IMMEDIATE DELIVERY IN EMERGENCIES DUE TO UNFORESEEN CAUSES (INCLUDING BUT NOT LIMITED TO DELAYS IN TRANSPORTATION OR AN UNANTICIPATED INCREASE IN THE VOLUME OF WORK).</p> <p>INSURANCE: SUCCESSFUL VENDOR SHALL FURNISH PROOF OF COVERAGE OF COMMERCIAL GENERAL LIABILITY INSURANCE</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

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<p>PRIOR TO ISSUANCE OF THE CONTRACT. UNLESS OTHERWISE SPECIFIED IN THE BID DOCUMENTS, THE MINIMUM AMOUNT OF INSURANCE COVERAGE REQUIRED IS \$250,000.</p> <p>WORKER'S COMPENSATION: VENDOR IS REQUIRED TO PROVIDE A CERTIFICATE FROM WORKER'S COMPENSATION IF SUCCESSFUL.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES 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 I 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)</p>						

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<p>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 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</p>						

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<p>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> <p>SIGNED: -----</p>						

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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". NOTICE AN ORIGINAL, SIGNED BID MUST BE SUBMITTED TO: DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130 AN EXACT DUPLICATE MUST BE SUBMITTED TO: STATE AUDITOR'S OFFICE BID OBSERVER BUILDING 1, ROOM W114 1900 KANAWHA BOULEVARD, EAST CHARLESTON, WV 25305-0230 BOTH BIDS MUST CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPES OR THE BIDS MAY NOT BE CONSIDERED: SEALED BID BUYER:-----BETTY FRANCISCO----- RFQ. NO.:-----DPC0655-----						

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LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
BID OPENING DATE: ---MAY 4, 2006--- BID OPENING TIME: ---1:30 P.M.--- 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 DPS0655 ***** TOTAL: _____						

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Bid Specifications for In-Car Digital Video Systems

A.) Purpose:

The purpose of these specifications is to establish a minimum standard of quality for In-Car Digital Video Systems. The intention is to insure that the department involved 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 highly flexible 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 **In-Car Digital Video 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(s) can be configured to fit within the widest range of vehicles; the vendor shall offer both a self-contained overhead unit and a modular unit version for alternative mounting. Both overhead and modular units shall use identical interface, formatting, video retention, and user supervisor interface for the purpose of training and ease of use between varying vehicle configurations. The DVD system with hard drive buffer must be capable of recording to DVD. The ability to record to CD in addition to DVD shall be acceptable. 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, weather, physical damage and other corrosive factors. 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 to meet air bag deployment specifications. It must be simple to remove and install to facilitate maintenance requirements.

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 console mounted docking station cable 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. The vehicle will have a forward facing (at all times) indicator to provide user confidence that the wireless transmitter's signal is being received and the system is in record.

The system must provide, as standard, an **In Cabin Microphone**. Activation and deactivation of the In Cabin microphone must be at the officer's control via the System Control Panel.

The **Control Panel** will allow for the operation and playback of the Digital functions. 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 an LCD monitor with a minimum 5” diagonal display. It must include controls for picture brightness, volume and power. The monitor shall be a part of the overhead console. The System must be able to function and record with the monitor in the “off” position.

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

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. 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. Products not meeting or exceeding these specifications will be eliminated from consideration.

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

Note: 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

TECHNICAL SPECIFICATIONS

1.0 SYSTEM COMPONENTS

The In-Car Digital video recording system shall consist of the following components:
 For the purposes of the specifications (DVR) Digital Video Recorder may be used.

Comply?

Yes No

- | | | | |
|------|--|-------|-------|
| 1.1 | Headliner Mounted Digital Video Recorder (DVR), enclosed in a locked, tamper resistant, environmentally controlled, maximum security, housing. The system must also be capable of being mounted as modular unit. | _____ | _____ |
| 1.2 | Dual Color CCD camera with one forward facing and one rear facing camera, packaged as one unit with an automatic zoom/focus feature. | _____ | _____ |
| 1.3 | Overhead Control Console will have a built in color monitor, full size audio speaker, volume controls, monitor on/off switch and a system power switch. It will include backlit system control push buttons with indicators for function and system status. | _____ | _____ |
| 1.4 | The 900MHz or higher Bi-Directional Wireless microphone system will have a range up to at least 1000 feet which utilizes the Digital Spread Spectrum Technology. The system will be able to automatically activate and de-activate the wireless microphone transmitter. | _____ | _____ |
| 1.5 | The antenna for the wireless microphone receiver is built into the receiver. | _____ | _____ |
| 1.6 | In-car Cabin (Covert) microphone. | _____ | _____ |
| 1.7 | Dual Audio Tracks, one track for wireless microphone recording and one track for the In-car Cabin microphone recording or other audio sources. | _____ | _____ |
| 1.8 | Optional integrated Global Positioning System (GPS) functionality shall be available. | _____ | _____ |
| 1.9 | The system must automatically adjust for daylight savings time. | _____ | _____ |
| 1.10 | Each agency purchase shall include the manufacturer software support utilities and shall not have any additional license and or renewal fees or additional software costs for the life of the system. The software may be loaded on as many computers as the agency desires without and additional license fees or cost. | _____ | _____ |
| 1.11 | If equipped, unit shall be capable of recording radar interface data, GPS location, vehicle speed sensor, emergency lights status, siren status, vehicle brakes, and at least one auxiliary option. | _____ | _____ |
| 1.12 | An optional third color camera shall be available that can be fully controlled from the system front panel and may easily be removed from the vehicle for recording incidents that occur outside the vehicle with an optional 75 foot cable. | _____ | _____ |
| 1.13 | The maximum power draw of the unit in the off position, including the wireless transmitter in trickle charge mode shall not exceed 10 milliamps. | _____ | _____ |

2.0 DVR AND ENCLOSURE

Comply?
Yes No

- | | | | |
|------|--|-----|-----|
| 2.1 | The system contains an industrial grade DVR, with 12vdc power supply and shall have at least three (3) distinct digital quality settings for recording the DVD to include settings for creating a 1.5, 4.5 and 8 hour DVD. | ___ | ___ |
| 2.2 | The DVR shall record the following information on the DVD, with items "b" through "m" in metadata format: | | |
| | a. Camera image | ___ | ___ |
| | b. Military time (hours - minutes - seconds) | ___ | ___ |
| | c. Date (month - day - year) | ___ | ___ |
| | d. Audio signals from wireless microphone and in-car microphone | ___ | ___ |
| | e. DVD counter (0-99999) | ___ | ___ |
| | f. Time left on DVD (hours - minutes) | ___ | ___ |
| | g. DVD full warning (on screen only) | ___ | ___ |
| | h. User defined information, dept., name, car #, etc. (11 characters minimum) | ___ | ___ |
| | i. Emergency lights indicator (L) | ___ | ___ |
| | j. Siren indicator (S) | ___ | ___ |
| | k. Vehicle Brake indicator (B) | ___ | ___ |
| | l. In-car Microphone indicator | ___ | ___ |
| | m. Wireless Microphone indicator | ___ | ___ |
| | n. End Of DVD – Displayed on the monitor, not recorded. | ___ | ___ |
| 2.3 | The counter information shall be recorded in conjunction with the time and date to verify the integrity of the DVD. | ___ | ___ |
| 2.4 | Record Over Protection shall be provided to prevent recording over a previously recorded segment of DVD. | ___ | ___ |
| 2.5 | System shall automatically separate the DVD into chapters that can be easily navigated by standard consumer level DVD players. | ___ | ___ |
| 2.6 | The DVR functions shall be programmable from the system control panel. Password security shall prevent unauthorized access to programming menu and shall be activated by a separate administrator password. | ___ | ___ |
| 2.7 | The DVR enclosure shall be a single overhead console mounted device that will use the current visor mounting hardware. The enclosure shall have a key-lock to secure the media to prevent unauthorized removal. | ___ | ___ |
| 2.8 | The DVR enclosure measurements shall not exceed 13.5" L, 5.5" H and 6" W excluding mounting hardware. | ___ | ___ |
| 2.9 | A key-locked DVD access door, designed to be extremely tamper resistant, shall be provided to load and unload DVDs into the DVR. | ___ | ___ |
| 2.10 | Only the DVR's DVD loading port shall be accessible when the enclosure's DVD access door is opened. None of the DVR controls or cabling, with the exception of the DVD eject button and/or | ___ | ___ |

programming enable switch, shall be accessible when the enclosure's DVD access door is opened.

- 2.11 The DVR DVD ejection button shall only be available after the enclosure's key-locked DVD access door has been opened. _____
- 2.12 The DVR shall be thermostatically protected against over temperature conditions. _____
- 2.13 The DVR shall employ an internal heating system for low temperature operations. _____
- 2.14 The recording media must be authored in such a way that they are recognized and playable on consumer level DVD players. Systems requiring the transfer of data to a computer, require a computer for playback or a change of format prior to use in court shall not be acceptable. _____
- 2.15 The system shall record onto rewritable DVD+RW discs that are to be authored in the DVD-Video format. _____
- 2.16 In addition to the DVD+RW drive, units shall contain a hard drive buffer for recording back-up copies of all video and audio data. The hard drive buffer must have a (60) sixty GB capacity minimum. _____
- 2.17 The industrial DVR shall have an operating temperature range of 30°F to 130°F (-7°C to 77°C). _____
- 2.18 The menus and user interface shall be graphical. No text based user Interfaces are acceptable. _____
- 2.19 To enable data recovery from a damaged DVD disc, the system shall automatically create back-up copies (mirror images) on the hard drive of the most recent DVD disc(s). there shall be supervisory control to select the number of DVDs to back-up from zero (0) to four (4) disc(s). _____
- 2.20 To isolate the DVD recorder from a shock or vibration, the drive shall be mounted in a spring loaded, silicone oil dampened suspension system. _____
- 2.21 To ensure that the system can record under all conditions, the hard drive buffer shall be fluid bearing with an operational shock tolerance of at least 200Gs. _____
- 2.22 To reduce drive noise transfer to the system enclosure and to isolate the hard drive from shock and vibration, the hard drive shall be mounted using rubber vibration dampeners. Systems that do not isolate the hard drive from the system enclosure shall not be acceptable. _____
- 2.23 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 DVD disc. _____
- 2.24 The unit(s) shall be capable of capturing and appending both pre-event and post-event video and audio for up to ten (10) minutes per each event. These settings are to be adjustable within the supervisors settings and shall be automatic after the initial settings. _____

- 2.25 To ensure the clearest audio during playback even in a noisy environment, the system unit shall have two (2) speakers that are driven by a stereo amplifier with at least six (6) watts of power.

3.0 COLOR CAMERA

Comply?
Yes No

- 3.1 The video system shall include two (2) high resolution color cameras built into the same camera housing; a front zoom camera and a backseat surveillance camera. ____ ____

- 3.2 The main camera shall have a minimum of 264X zoom. This will be a minimum of 12X digital zoom and a 22X optical zoom. ____ ____

- 3.3 The front camera shall be equal to the Sony EX-VIEW chipset with Anti-blooming quality, and up to 0.03 LUX sensitivity. Proof of "equal" shall be the responsibility of the bidder and shall be submitted with the bid if not using the Sony EX-VIEW chipset. ____ ____

- 3.4 The back seat camera must be a high resolution color camera with at least 450 TV lines resolution, 811 x 508 picture element (HxV) that can record in total darkness. Black and White cameras shall not be acceptable. ____ ____

- 3.5 The system shall be capable of recording from two (2) cameras simultaneously. If two (2) cameras are selected, recording and display shall be split screen capable. ____ ____

- 3.6 The camera shall include auto white balance control. ____ ____

- 3.7 The camera shall include a user accessible backlight compensation control button. ____ ____

- 3.8 The camera shall include an "Auto-Zoom" control that allows the user to automatically zoom in and focus on a vehicle's license plate, then subsequently return to its original wide-angle view, all at a touch of a button. ____ ____

- 3.9 All connections to the camera shall be made via a single cable. ____ ____

- 3.10 A quick disconnect connector shall be utilized to allow the easy connection of optional extension cables, permitting the optional rear window/portable camera to be used outside of the vehicle. ____ ____

- 3.11 The camera shall mount to the overhead console bracket. The camera shall also have an option for mounting to the windshield. ____ ____

4.0 OVERHEAD CONTROL CONSOLE

Comply?
Yes No

- 4.1 Shall include backlit switches for all Digital functions. ____ ____
- 4.2 Shall include Brightness and Volume controls for the monitor. ____ ____
- 4.3 The monitor shall be able to be switched off without affecting the system operation. ____ ____
- 4.4 Shall include a high quality LCD that is no less than five (5) inches “viewable” Monitor (measured diagonally). The display shall have a typical brightness rating of at least 400 nits, and a typical contrast ratio of at least 350:1. ____ ____
- 4.5 The audio from the wireless microphone shall be able to be heard through the control console speaker during record mode operation and shall be able for the volume to be adjusted to avoid any audio feedback. ____ ____
- 4.6 Shall include Automatic Brightness Control for backlighting. ____ ____
- 4.7 The Overhead Control Console shall receive its power from power supplies located within the car cabin area. ____ ____
- 4.8 The console shall contain lighted push button switches to control the following minimum functions:
 - a. Record ____ ____
 - b. Stop ____ ____
 - c. Rewind ____ ____
 - d. Play ____ ____
 - e. Fast forward ____ ____
 - f. Power On/Off ____ ____
 - g. In-Car Microphone – On/Off ____ ____
- 4.9 System keys and buttons shall provide tactile feedback and an audio feedback on key presses. ____ ____
- 4.10 The console shall be able to signal a low/full DVD warning. ____ ____
- 4.11 The console and cameras will have a covert operation mode ____ ____
- 4.12 The system shall be easily upgradeable for software and firmware by inserting a DVD disc(s) with the appropriate upgrade files. ____ ____
- 4.13 Vendor software and firmware updates shall be provided free of charge for the life of the system. ____ ____
- 4.14 Software and firmware updates shall be provided either by email, CD or DVD at the option of the agency. ____ ____

5.0 DIGITAL WIRELESS MICROPHONE SYSTEM**Comply?**
Yes No

- | | | | |
|------|---|------|------|
| 5.1 | The wireless microphone shall utilize bi-directional communications between itself and its associated transceiver (Docking Station), hereafter referred to as "Base Unit", in order to send clear audio from the user back to the Digital Video Recorder, while providing a bi-directional data and control path. | ____ | ____ |
| 5.2 | The wireless microphone shall operate in the 900 MHz or higher band. | ____ | ____ |
| 5.3 | The operator shall be able to remotely activate the DVR's RECORD mode by pressing a button on the wireless microphone transmitter. | ____ | ____ |
| 5.4 | The In-Car Video System shall be able to automatically activate the Wireless Microphone's transmit mode whenever the VCR is placed into the RECORD mode by any of the triggers listed in section 8.1 | ____ | ____ |
| 5.5 | Once the wireless microphone transmitter is activated it shall only be deactivated by stopping the RECORD function manually via the STOP button on the control head. | ____ | ____ |
| 5.6 | The wireless microphone transmitter shall be equipped with a low battery indicator. | ____ | ____ |
| 5.7 | The wireless microphone transmitter shall be provided with a lavalier microphone and cable that is connected to the transmitter via a miniature connector. | ____ | ____ |
| 5.8 | The wireless microphone 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. | ____ | ____ |
| 5.9 | The wireless microphone transmitter shall contain an internal microphone to allow audio pick-up in the event the lavalier microphone becomes damaged or is disconnected. | ____ | ____ |
| 5.10 | The Base Unit shall contain both a transceiver and charger for the wireless microphone's included lithium-ion battery. | ____ | ____ |
| 5.11 | The Base Unit shall include an antenna. | ____ | ____ |
| 5.12 | When inserted into the charging receptacle of its base unit, the wireless microphone transmitter shall synchronize with its base. | ____ | ____ |
| 5.13 | Any wireless microphone transmitter shall be able to operate exclusively with any vehicle with which it is synchronized. | ____ | ____ |
| 5.14 | Each wireless microphone system shall automatically detect other systems, or RF noise, on the same frequency and change to a clear channel, as required, so that as many as forty (40) vehicles can operate in very close proximity without cross talk or serious degradation of audio performance. | ____ | ____ |
| 5.15 | The wireless microphone will provide an audible beep tone when the DVR record mode is activated, when the control panel STOP | ____ | ____ |

button is activated and when communications are lost.

5.16 A wireless microphone being taken out of the receive range of the system to which it has been synchronized, shall not require a re-synchronizing of the unit to be functional.

5.17 To simply installation, the Base Unit must draw from the video system, and not require running additional power cables to the vehicle.

6.0 IN-CAR MICROPHONE

Comply?
Yes No

- | | | | |
|-----|---|------|------|
| 6.1 | A small microphone shall be supplied with sufficient cable for placing it anywhere inside the passenger compartment. | ____ | ____ |
| 6.2 | In-car microphone shall be enabled/disabled from the main control panel. | ____ | ____ |
| 6.3 | Activation of the in-car microphone shall be indicated on the system monitor or control console and recorded as metadata on disc. | ____ | ____ |

7.0 POWER REQUIREMENTS

Comply?
Yes No

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

7.2 Power supply filtering and regulation shall be provided by circuitry within DVR enclosure.

8.0 OPERATION

Comply?
Yes No

- | | | | |
|-----|--|-------|-------|
| 8.1 | The system shall be capable of being placed into the RECORD mode by any of the following methods: | _____ | _____ |
| | a. Selecting REC at the control head. | _____ | _____ |
| | b. Activating the wireless microphone | _____ | _____ |
| | c. Turning on the emergency lights. | _____ | _____ |
| | d. Turning on the siren (programmable option). | _____ | _____ |
| | e. Vehicle Speed | _____ | _____ |
| | f. Crash | _____ | _____ |
| 8.2 | Once recording, the system can only be stopped by pressing the STOP button at the control head. | _____ | _____ |
| 8.3 | Play, Rewind, Fast forward and Stop/Pause shall be selectable at the control head. | _____ | _____ |
| 8.4 | During Playback mode, a single press of either the Rewind or Fast Forward button shall be able to put the system into visual search. | _____ | _____ |
| 8.5 | The system shall provide a DVD guard feature to prevent recording over previously made recordings. | _____ | _____ |
| 8.6 | If the DVD is removed from the system, to prevent recording over previous recordings, the system shall automatically resume recording at the end of the last recorded chapter mark. | _____ | _____ |
| 8.7 | Radio control of the system shall only be activated into the RECORD mode from a radio source containing a specially coded digital signal programmed into the system and in the wireless microphone transmitter supplied. This will prevent any activation of the RECORD mode by any other radio sources. | _____ | _____ |
| 8.8 | The system shall have the capability to stop recording through selection of a command from the control head (stop button) regardless of status of other activation inputs such as the emergency lights. | _____ | _____ |

9.0 MISCELLANEOUS

Comply?
Yes No

- | | | | |
|-----|--|-----|-----|
| 9.1 | All components of the system shall be connected via a single cable harness assembly. | ___ | ___ |
| 9.2 | System shall be fused between the battery (12v source) and the Control Panel/System. | ___ | ___ |
| 9.3 | Over voltage protection and surge protection shall be provided. | ___ | ___ |
| 9.4 | Internal memory for the time, date and messages shall be retained by a lithium battery with a 10-year lifetime expectancy. | ___ | ___ |
| 9.5 | System shall include a high intensity LED on forward side that is visible to the user when outside the vehicle. This allows for user confirmation that the system is in the record mode and receiving the wireless microphone transmission. This indicator must be located within the passenger compartment. | ___ | ___ |
| 9.6 | Manufacturer shall provide complete schematics, diagrams, service manuals and service bulletins on all provided electronic components. | ___ | ___ |
| 9.7 | The manufacturer shall offer and provide when requested, at no additional cost training to Electronic Technicians of the West Virginia State Police the training needed to properly operate, repair and maintain proper operation of the manufacturer's video systems and also provide complete maintenance manuals and schematics for each system covered in the training to each student attending the class. This training must be available at the on-site location of the West Virginia State Police. | ___ | ___ |

NOTE: The contract will be awarded to the vendor bidding the product with the lowest cost on the Single Self-Contained System or Modular System meeting the specifications set forth in this RFQ, whichever may be lowest in cost and meeting these specifications.

10.0 WARRANTY

Comply?
Yes No

- | | | | |
|------|--|------|------|
| 10.1 | The video system shall include a two-year limited parts and labor warranty against any defects in materials or workmanship on all System components. | ____ | ____ |
| 10.2 | Extended Maintenance Agreements shall be available to the department after the two year warranty expires. | ____ | ____ |
| 10.3 | The warranty period shall begin from the date of installation. | ____ | ____ |
| 10.4 | All shipping charges shall be the responsibility of the vendor during warranty period. | ____ | ____ |

<u>COMPONENT</u>	<u>BID PRICE</u>
1) Single self-contained System	\$ _____
2) Modular System	\$ _____

OPTIONS

Vendors are encouraged to list optional items below which they offer for the systems they are bidding (ie: Radar Interface w/ adapter cable; Integrated GPS with antenna; Additional Color Cameras to include cables and mounts, etc.). Any optional items listed shall include pricing for each item. Optional items listed will not be considered in the determination of awarding the contract.

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:

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 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: _____