

GSS10593-DIGVID/REC



Delaware State Police

1441 N. DuPont Hwy ~ Dover, DE 19904-8202

August 9, 2010

TO: ALL OFFERORS
FROM: KIMBERLY L. CUFFEE
PROCUREMENT ADMINSTRATOR
SUBJECT: ADDENDUM TO REQUEST FOR PROPOSAL #: GSS10593-DIGVID/REC

ADDENDUM #1

The following questions were asked from the vendor who attended the mandatory pre bid meeting for **GSS 10593-Dig/Video/Rec** Request for Proposal (RFP).

PART ONE

Mandatory Pre-Bid Meeting Questions

Section 1

Operational Deployment

[No questions]

Section 2

Infrastructure

Q 1: Does DSP prefer to have the digital camera integrated with the laptop in the vehicle or work independently?

“We prefer to have it integrated, but we may decide otherwise after we examine the pros and cons of doing so.”

Q 2: Does DSP use VPN on the broadband side?

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“We use a SSLVPN from the laptops to access state networked services on the Verizon EVDO network.”

Q 3: How old are the MDT’s?

“Our MDCs are no older than 3 to 4 years with most being less than 3 years old.”

Q4: Are the laptops required for integration?

“No, you may offer a standalone system if you wish. See question/answer #1, section 2”

Q5: Do the laptops have docking stations?

“Yes, but not made specifically for the Dell product we use. It is more of a universal dock. We do not have any electronic connectivity ports that link the dock to the computer. It simply holds the unit.”

General Comment:

“There are 10 Mps connection with very little peak.”

Q6: What type of computer does DSP currently use?

“ DSP currently uses DELL E6410 and the specs are as follows:

Base Unit:	Dell Latitude E6410 (224-7936)
Processor:	Intel Dual Core vPro i5-520M, 2.40GHz, 1066MHz 3M L2 Cache, Latitude E6410 (317-8776)
Memory:	4.0GB, DDR3-1333 SDRAM, 2 DIMM for Latitude (317-3590)
Keyboard:	Internal Backlit English Keyboard, Dell Latitude E (330-7359)
Keyboard:	Documentation (English) Latitude E-Family/Mobile Precision (330-1652)
Video Card:	Intel HD Graphics with Express Card, Dell Latitude E (320-8796)
Hard Drive:	250GB Hard Drive 9.5MM,7200RPM, Dell Latitude E (342-0479)
Hard Drive Controller:	NO Internal Fingerprint Reader and NO contactless smartcard reader, Dell Latitude E6410 (330-7356)
Floppy Disk Drive:	Wide Screen WXGA+ LED, Dell Latitude E6410 (320-8793)
Operating System:	Windows 7 Ultimate downgrade to XP Professional SP3, no media, Latitude, English (421-2895)
Operating System:	Windows 7 Downgrade RLOB (421-1993)
Mouse:	Slate Silver, Mobile Broadband Ready, Dell Latitude E6410 (313-9295)
Modem:	No Modem for Latitude E-Family (313-6507)
TBU:	90W 3-Pin, AC Adapter for Latitude E-Family (330-0876)
TBU:	US - 3-FT, 3-Pin Flat E-Family Power Cord for Latitude E-Family (330-0879)
CD-ROM or DVD-ROM Drive:	8X DVD for Latitude E-Family (313-6508)
CD-ROM or DVD-ROM Drive:	Cyberlink Power DVD 8.3,no Media, Dell Latitude/Mobile Precision (421-2692)
Sound Card:	No Camera, with single digital microphone, Dell Latitude E6410 (313-9293)
Processor Cable:	Intel WiFi Link 6200 (802.11a/g/n 1X2) 1/2 Mini Card for VPRO Latitude E/Mobile Precision (430-0755)
Documentation Diskette:	No Intel vPro Technology Advanced Management Features, Dell Latitude/Mobile Precision (330-7461)
Bundled Software:	Intel Core i5 Processor (330-7465)
Factory Installed Software:	No Resource DVD for Dell Optiplex, Latitude, Precision (313-3673)
Software Disk Two:	No Latitude On Reader, Dell Latitude (421-2973)
Feature	9-Cell/90-WHr Battery, Dell Latitude E/Mobile Precision (312-0909)

Q 7: Does the state prefer to use laptops as method of data transfer?

“The division prefers to integrate lap top to server. If the system does not integrate with the laptop, then we prefer a method of transfer that does not involve the trooper doing a manual transfer.”

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Q8: Would the state ever be interested in adding USB connections?

“We have two USB connections currently on our laptops and both are in use. We will consider additional USB connections if it makes sense, can be supported by our configuration, and does not downgrade any data transfer or connectivity of the device (fingerprint unit) that currently *uses one of the USB ports.*”

Q9: On the computers, will there be any open [not-used] USB ports?

“Currently, the printers, fingerprint units use the USB ports.”

Section 3

Data Transfer to a Central Storage/Management Location

General Comment;

Ken- 10 Mps Connections with Very little peak -KAA

Q1: Are the troop going to have access to the data?

“Yes, but only to review video to be classified or be accessed for training purposes and other important reasons.”

Q2: Does the State require that all video be sent to the repository or just the videos targeted as evidence?

“Only those videos needed for evidence will be sent. Evidence is classified in this response as supporting a criminal/traffic case, supporting/implicating the actions of an officer, or any special circumstance that the officer may designate”

Q3: For the videos not tagged, how long is the division going to keep the videos? The reason is so we [the vendors] will have an idea on the size of the storage unit/repository

“Videos will be kept a minimum of 30 days on the mainframe. Actual retention policies have yet to be defined.”

Q4: Has the division ruled out the possibility of offsite storage?

“The idea has not been ruled out but the division prefers not to at this time.”

Q5: How many trooper/patrol vehicles will be at the locations?

“There are approximately 14 per shift totaling 40-50 troopers and keep in mind that each troop has a take home vehicle. The division runs approximately 80 to 100 troopers statewide. The download depends on the

situations they encounter during their shift. There could possibly be 5 or 6 vehicle at a time waiting in queue at any given time.”

Chart- Pg 34

Q1: Are the speeds listed on the chart accurate?

“The speeds are given to the division by the provider and they are a dedicated line.”

Section 4

Back End System Management

Q1: SQL to a central location or is there another method?

“The division prefers SQL but if a vendor has another option, please let us [DSP] know. All options are available for review.”

Q2: There were conflicting statements (pg 35) in specs concerning if the system should only be Dell or if the system can be compatible. Which one should we [the vendors] use?

“Compatibility is a must because we currently use Dell. The vendors are encouraged to present other options that make sense to the mission at hand. The evaluation committee will evaluate and consider new ideas on HW. The division currently uses PS4000 Dell server.”

Q3: What type of support is needed?

“The division currently is a Windows shop. Other assistance may be requested if other operating systems are used because we {DSP} do not have the expertise in other operating systems.”

Q4: Has DSP ever considered in house virtualization?

“This is an attractive option to the division because it is good in case the system goes down.”

Q5: What is the vendor currently used by the state?

“We currently have MS Hyper V in minimal production environment. KAA”

Q6: Is the state looking for the standard repair and replace?

“The division would like to know both options. There are no defined parameter but keep in mind we need the most cost effective. The division will need to know up front the cost for future budging reasons.”

Q7: The RFP specs stated digital and non – digital data, can someone explain the non- digital?

“The division has digital photos. If possible, it would be desired but not mandatory that the proposed system be able to house and manage the digital photos on the back end system.”

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Q8: What amount of garage space will be available at each troop for the system?

“The division will allow you to go on site and will provide the vendor who is awarded the contract ample amount of space.”

Q9: Is there a need for the video to also record sound?

“Yes. It is necessary. Please follow the IACP spec and standard. The division will need to know what is said as well as see what transpired during stops.”

Q10; Who and how many total users are required?

“The division is leaning towards approximately 30 user having access to the video data- 2 admin, 12 HQ IA, Info Support section The officers should not have access to the data or be able to burn CD’s Only Troop Sgt and admin personnel. A top end number of 50 if forecasted.”

Q11: The IACP standards call for DI resolution andFront and rear cameras. Is that what you [DSP] are looking for?

“Yes, both front and rear camera but with the option to eliminate one if necessary.”

General Comment”

“After the committee has the opportunity to review the Proposals, the division will invite some or all to come back for oral presentations. If your system or product has any special features, let us [DSP] know about them and why we [DSP] should considered them.’

Q 12: The IACP standard document is large. Do we [the vendors] have to respond line by line to each of the standards list in the document?

“No, the division only requires a general statement that you [the vendor] meet the published standards. Only if you do not meet a specific standard, then your statement should reflect which one(s) your system does not meet and why. Just make sure it is a notarized document.”

General Comment:

“Since the laptops contain sensitive information selected the vendor’s, employees who will work on installs must be fingerprinted and pass a background check at no cost to you [the vendor]’

Q13: Will a letter be sent to the vendors who are not invited to return of oral presentation? That way we [the vendors] will not be left in the dark whether they were selected or not.

“Yes”

Q14: Is there anything we [the vendors] must have because most of the vendors provide the same items?

“When submitting you RFP make sure to include all the additional option your company can provide DSP”

Q 15: Under the minimum requirements, can the manufactures write them for the vendors and the vendor submit them.

“If you [the vendors} are comfortable with the manufacture but be mindful of the liability issues.”

Q16: Is there anything mandatory DSP is looking for, for example, crash sensors?

“The system needs to be tamper resistant form the officer. DSP must demonstrate a chain of custody; therefore video must be presented in its original condition. Feel free to let us [DSP] know what features are available.”

General Comments:

“The system must be user friendly. Also we [DSP] must have an audit trail so the staff can tell who touched the system.”

Q17: Regarding the installs, do you prefer to outsource or to handle them in house? Did you want the vendors to come in to install and also provide service?

“Initial installs should be done by the vendor with routine non-warranty service to be provided by DSP radio technicians. This could change, but for now, the vendor should plan on doing all the installs.”

Q 18: Does DSP require the vendors to provide back office maintenance?

“DSP preferred to take care of our own maintenance, but depending on the budget, it is possible the vendors could take on the responsibility.”

Q20: Do the vehicles currently have cameras in them?

“Yes, some of the patrol vehicles may have cameras installed, but DSP will remove them before the install of the new equipment.”

General Comment;

“The vendors are not asked to set up a demo here at HQ. DSP preferred to visit one of the locations currently using your product and see it in action.”

Miscellaneous Questions

Q1: Do the vendors who register with the Office of Minority Businesses, receive extra point if they are minority owned?

“In accordance with state law there is no preference or set asides for certified minority and/or women businesses. However, the State recognizes the importance of supplier diversity and the potential positive economic impacts. As a result, Executive Order #14, Increasing Supplier Diversity Initiatives within State Government, was signed and has directed each State agency to develop a supplier diversity plan. If your company is not certified by the State of Delaware as a minority and/or women business enterprise, the respective agency will not be able to identify their success if awarded. In further support of Executive Order #14, Delaware encourages these businesses to register with the State as certified minority and/or woman owned businesses. Such registration will help to ensure greater exposure to opportunities within the State and Private Sectors.”

Q2: How many troopers are on the road in any given day?

“In Sussex County there are approximately 30, Kent County -12 and New Castle - 50. There are 80-100 troopers on the road throughout the state at one time.”

Q3: Are there other depository locations, other than HQ?

“Headquarters will be the only depository and is not a patrol location, therefore no cars are deployed from here.”

Q4: What format should we use for pricing?

*“When breaking down the cost, the unit of measure should be **EACH**. Due to the nature the of the RFP a basic price sheet will not suit everyone, DSP is allowing each vendor to provide your own format making sure it is clear and concise.”*

PART TWO

Question Received via Email

Page 8 -Item 5 – Requirement of contract bond

Q: Is this in addition to the proposal bond?

A: *On page 14, we waived the bid bond, so no bond is required at the time of the bid. But, we did request a 100% performance bond. Once the contract is awarded, before returning the contract to the designated vendor(s) we should have the executed performance bond in our files. On page 40, the form*

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attached is a sample form, and contains the minimum amount of information necessary to satisfy the State's requirements. For the Digital Video contract, the successful vendor could use the format provided (modified to the 100% performance bond requirement) and submit the executed form to the State. (See page 8, #5 of the RFP)

Page 10 Item 3 – Permits and Licenses

Q: Does the State know if permits are required for mounting the wireless antennas on the exterior of their locations?

No, if standard 802.11 is deployed. If some spec that operates out of the that frequency, than DIVCOM might be able to answer that question. Who should we contact for this clarification? This is something we cannot answer at this time. Please include in your bid the contingency that should such a permit be required, then it will cost X". We did not require any permit with our current configuration.

Page 14

Item 7 – Price Adjustment

Q: Can the state provide a contact for the CPI-U program?

A: *The Philadelphia All Urban Consumer Price Index (CPI-U) can be found on line.*

Item 11 – Bid Bond Requirement – WAIVED

Q: To clarify, multiple bonds are referenced in the RFP, what specific bonds are necessary for this RFP response?

A: *This question is answered on page 7 and also page 8, # 5 of the RFP*

Page 16 # 16 – Ownership of intellectual property

All copyright and patent rights to all papers, reports, forms, materials, creations, or inventions created or developed in the performance of this contract shall become the sole property of the State of Delaware. On request, the contractor shall promptly provide an acknowledgment or assignment in a tangible form satisfactory to the State to evidence the State's sole ownership of specifically identified intellectual property created or developed in the performance of the contract.

Q: We are assuming that this pertains directly to development work that applies solely to the State of Delaware PD and not the main source code, correct?

A: That is correct.

Item 17- Non Performance

RFP states, “In the event the contractor does not fulfill its obligations under the terms and conditions of this contract, the ordering agency may purchase equivalent product on the open market. Any difference in cost between the contract prices herein and the price of open market product shall be the responsibility of the contractor. Under no circumstances shall monies be due the contractor in the event open market products can be obtained below contract cost. Any monies charged to the contractor may be deducted from an open invoice.”

Q: For clarification, does this item mean that if the awarded vendor is ruled “Non Performing” that they will have to pay the difference in cost if the state chooses to purchase another system from a different vendor?

A: *Under this circumstance you would most likely forfeit your performance bond. Please refer to the RFP.*

Page 19 ENERGY STAR PRODUCTS:

The contractor must provide products that earn the ENERGY STAR rating and meet the ENERGY STAR specifications for energy efficiency. The offeror is encouraged to visit www.energystar.gov for complete product specifications and updated lists of qualifying products

Q: Does this refer to the backend storage equipment or the in car video equipment?

A: *“I believe this references the back-end storage equipment (servers)”*

Page 25-VENDOR EMERGENCY RESPONSE POINT OF CONTACT:

The awarded vendor(s) shall provide the name(s), telephone, or cell phone number(s) of those individuals who can be contacted twenty four (24) hours a day, seven (7) days a week to meet a critical need for commodities or services when the Governor of the State of Delaware declares a state of emergency under the current Delaware Emergency Operations Plan. Failure to provide this information could render the bid as non-responsive.

Q: **Can the state please provide information on the D.E.O.P or where we may obtain information on it?**

A: *If necessary, we can provide the awarded vendor with this information.*

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The Delaware State Police, hereinafter referred to as the State Police, wishes to purchase digital video recorders for use in their patrol vehicle fleet and requires the delivery, installation and training to take place within 90 days after the award of the contract. The State Police operate from a decentralized command structure having eight separate troops throughout the state. Four troops are located in New Castle County, one in Kent County not including our HQ complex, and three troops operate in Sussex County. Troopers working patrol duty work on a twelve hour shift and rotate between the two 12-hour time frames on some predictable frequency. Troopers are assigned a specific

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vehicle and generally do not share a vehicle with another officer. On average, vehicles remain in the patrol fleet for at least three years but could remain longer depending on fiscal or operational constraints.

The Vendor(s) shall provide material specified and all labor necessary to satisfy the Delaware State Police's need for the installation of equipment as described herein. Each proposal must contain a detailed description of how the offeror will install the equipment as outlined in this RFP; to include the vendor requirements, warranty, and calibration requirements. In addition, each offeror must detail the warranty of work and described the terms of the warranty. This part of the proposal may also include descriptions of any enhancements or additional services or qualifications the offeror will provide that are not mentioned in this RFP. The purchase and install will be implemented in phases and this RFP will focus on equipping Troop 3 and 6.

Your proposal should include any permissible options for the State Police to perform the installation of your product on their own. If permissible, what considerations/conditions impact such a decision, e.g., effect on warranty, training required, certification by manufacturer and or offeror, etc. This should not be considered "decided" by the State Police; it is merely an option they also wish to consider and need to know what may be required of them to exercise that option."

Q: It states that the command structure is “decentralized” however later in the RFP it requests a centralized storage solution; does the decentralized reference in this sentence strictly refer to the officers?

A: *Yes decentralization refers to the troopers. Troopers have limited business at Headquarters and this should be considered where developing a plan for video off-loading.*

Q: The item above references 8 troop posts and 1 HQ location, are we to assume that the central storage will be housed at the HQ location or elsewhere?

A: *Central storage will be one of two locations, HQ or DEMA, both with 100Mbps connections. Whichever one is not the host the other will be the off-site backup/storage.*

Q: What is the connectivity between the 8 troop locations and HQ?

A: *10Mbps*

Q: How many vehicles report to each troop location?

A: *This was covered in the pre bid meeting – See question 5- PART A*

Q: How many vehicles will be coming in per location at the end of each shift?

A: *This was covered in the pre bid meeting – See page 3 PART A*

Q: Do these vehicles sit for a shift or is the same vehicles on the road 24/7?

A: *Vehicles are assigned to the trooper and cars located at trooper's residents during off-duty.*

Q: How many cars should the vendors quote for installation by the Vendor? *400, but on a per unit basis so we can adjust if necessary. We don't wish to be confined to the 400 figure, but have the latitude to adjust the total amount purchased.*

A: *For clarification, the State does want their installation technicians trained on the installation and support of these systems, correct?*

Q: How many technicians will be trained?

A: Between 3 and 5.

Section 2:

Page 33-Infrastructure

The State Police manages its technology resources from a centralized server location as a preferred business operation. Each troop or barracks is connected to the State Network by TLS connectivity providing a bandwidth of 10 Mb/s. Two primary storage sites are equipped with fiber providing a 100 Mb/s transfer rate. These two sites are part of the network topology for centralized data storage and management for this project. Vendors are required to provide a design structure for review that includes centralized storage and replication/backup on site or off-site. There are no servers at the individual troops. In this design, it is anticipated that new server(s) at the Troop location will be needed for initial data capture at defined times. The transfer from the patrol car to the server should be conducted via a secure wireless access point and should be seamless to the Trooper. The present access points will be replaced in this project. Vendors are required to provide documentation for a non-proprietary access points and proprietary access points; non-proprietary equipment is preferred. The systems defined need to utilize a secure data transfer process. The data from the Troop server will be transferred to a central server at a location defined by DSP. Vendors are required to provide detailed documentation about the size of the video from capture to transfer throughout the infrastructure in order to determine storage and data transfer across the State network; provide an electronic calculation tool if available. Vendors will need to provide technical engineers who can work with DSP and State network staff to carefully review the requirements as this is a core function for the success of this project. The recordings and related data must be transferable across the State network at non-peak times defined by the State without impact to the network.

Vendors must clearly define the capture rates and compressions rates for network evaluation purposes. Patrol cars operate on the Verizon Cellular EVDO network for wireless communications. Servers are required to be DELL servers and related equipment/devices must be compatible. An explanation of recommended equipment is required

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to support that choice of equipment by the vendor. The drawing located on the next page (Figure 1) depicts the general communications and resources for the State Police.

Q: Just to clarify, each location has only a 10mbps shared connection available to it for the inter-transfer of video to central? Is there any plan on upgrading this connection?

A: *Each site has a dedicated 10Mbps I/O and no discussion to upgrade the remote sites.*

Q: Can the State please define which locations are the 10mbps and which are the 100mbps location?

A: *This was defined in the pre-bid, 10Mbps at each remote site where the troopers are located and 100Mbps at the central storage sites.*

Q: Can the 100mbps fiber connection be upgraded to gigabit? Are the fiber runs separate redundant pairs between the DR sites? Which sites are the DR sites?

A: *DSP does not feel it is cost effective to increase bandwidth to 1Gbps at this time. There are separate legs feeding DEMA and HQ has a single leg. These are the sites being used for hosting and BU/Recovery.*

Q: How many, age, and what make and model of Access Points are currently in place at each location? Are they POE or will power need to be installed?

A: *There are eight troop locations that would require APs and are currently using POE. Current hardware is 3Comm and would require replacement and have a secure authentication piece.*

Q: Are they managed by a controller or are they autonomous AP's? Does the State want controller managed access points?

A: *AP would all have to be able to be managed remotely or centrally.*

Q: Site surveys for the wireless and wired upload solutions will be required per location; can the state provide us with existing infrastructure LAN /WAN diagrams for preparation of these site surveys?

A: *Some remote sites have a server rack on-site and all have accessible power and networks connections. The backend sites, DEMA and HQ are fully functioning data centers.*

Q: To conduct accurate site survey throughput testing and to estimate the storage required for this project, can the state please provide the desired bit rate, resolution and file size per hour of video that the vendors should all use as a baseline when calculating their storage.

A: *The Vehicular Recording System shall be capable of recording events uninterrupted for a minimum of three and a half (3.5) hours at a minimum image refresh rate of 30 frames per second (fps) per camera. Resolution and format should be demonstrated highest to lowest available with trade-offs listed in quality, storage, and compatibility with industry players.*

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Q: We will need to speak with the states IT staff in regard to the DR solution, there are many ways that this can be approached with various hardware and software technologies, we will gladly sit down with the States IT team and assist them in a design that is both robust and cost effective. We support SAN, iSCSI, DAS, LTO 4 and VMware environments.

A: *With cost to backend storage and DR understood is driven by solution, we would entertain any of the technologies list above to maintain the recoverability of non re-creatable data. Recommend attaching a price to each technology. We will not sit down with any vendor during this phase of the process. Once submitted, if attractive and selected to continue, we will conduct those sessions as appropriate.*

[FYI-.Patrol cars operate on the Verizon Cellular EVDO network for wireless communications.]

Q: Just to clarify, the State is not expecting to wirelessly upload the recorded videos from this EVDO connection, correct?

A: *If the technology can be performed without interfering with other bandwidth needs of law enforcement application, it could be considered.*

Page 34 – DSP General Com Diagram

Q: Who will be responsible for the configuration changes in the firewall appliances currently deployed in the network?

A: *DSP will be responsible for any firewall request to transverse the State of Delaware network in relation to Delaware State police. Ports, source IP, and destination IP must be provide by awarded vendor.*

Section 4:

Page 35-Back End System Management

A scalable data storage management system that offers ability to capture digital and non-digital data is the system of choice. Next to the quality of the video capture and functionality, this is one of the most important implementation areas for DSP in the procurement process. While certainly there are some differences in digital video recorders, for the most part, these devices offer standard features and provide similar functions and characteristics. The ability and capabilities of the video management back end tools or software is what we believe will set your system apart from any other. We are looking for a system that is reliable, robust, user friendly, secure decentralized access/retrieval/monitoring/classifying and supervisory review capabilities, while still providing administrator controls and overall system security and integrity. If we are forced to sacrifice any features due to budgetary constraints within the project, it will not be focused on this component of the overall system. The server

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and large storage equipment should be DELL systems. Sufficient hours of training to IT staff and support during and after the implementation must be explained.

The central storage system is required to meet network requirements to function within a secure

DMZ with application access (web preferred) by users at off-sites to conduct daily business requirements of reviewing information, preparing media for court, etc.

Q: Is the State looking to move just the SQL and Metadata Records to the central location or SQL, Metadata AND actual video files recorded and stored at the local troop locations?

A: *Any data that is required for DR and cannot be recreated by installing OS and applications must be replicated off-site.*

Section 5:

Page 36-Applicable Standards

The State Police intends to ensure that prospective bidders digital video recording systems will, at a minimum, meet the *In-Car Video Camera Systems Performance Specifications: Digital Video Systems Module* prepared by the International Association of Chiefs of Police (IACP) as outlined in their *Digital Video Systems Minimum Performance Specifications Document Version 14 dated 11/21/2008*.

Each vendor submitting a bid will be required to also submit a notarized certification that the product they are offering meets the minimum specifications outlined in this document. A simple statement of conformance, signed by a duly authorized company representative and notarized by a notary public must accompany your response. Bidders should compose this acknowledgement document on your own. Should any potential offeror take exception to any specification outlined in the *Digital Video Systems Minimum Performance Specifications Document Version 14 dated 11/21/2008*, they should note that exception and request a waiver stating the reason for the request and the degree to which their product does not meet the stated specification.

Any bid not accompanied by such a notarized declaration will be rejected.

QUESTION/COMMENT:

Based on the paragraph supplied below and several conversations with the IACP committee, we would respectfully like to submit that we cannot supply this notarized certification (and based on the information below supplied by the IACP), there are no vendors in the industry that can submit a notarized compliance certification stating that their systems meet the requirements of document referred to in this line item. We would respectfully ask the State of Delaware for direction on how we are to respond to this line item as the specifications, testing and certification processes set forth to certify the vendors solution have not been put in

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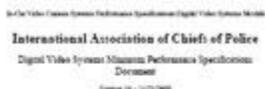
place and will be changing based on the NIJ project also mentioned in the paragraph below. We have included the link to the IACP website for easy reference.

A. *Once again, we are NOT seeking a compliance certification, meaning that the IACP certified your product. We understand this cannot be supplied, BUT, the IACP issued certain minimum requirements and all we are interested in know from you is **does your product at least meet these minimum specifications**. We are not suggesting that your product must be certified by the IACP or any other regulatory body.*

<http://www.theiacp.org/PublicationsGuides/ResearchCenter/Projects/InCarCameraTechnicalAssistance/tabid/305/Default.aspx?id=1026&v=1>

In-Car Video Camera Systems Performance Specifications

Wednesday, December 17, 2008



In-Car Video Camera Systems Performance Specifications: Digital Video Systems Module
Digital Video Systems Minimum Performance Specifications Document



Version 14 - 11/21/2008

Update: 7-26-2010

This document, *Digital Video Minimum Performance Specifications, Ver. 14*, was created to provide law enforcement agencies and system manufacturers with a set of recommended minimum performance system specifications in order to yield evidentiary-quality digital recordings and promote officer safety. **Currently no testing or certification program exists to independently verify any product's compliance with the specifications.**

The IACP, under cooperative agreement with the Department of Justice, National Institute of Justice (NIJ), is currently facilitating the development of a technical standard for Vehicular Digital Multimedia Evidence Recording Systems (VDMERS). This NIJ standard is based in part on the Digital Video Minimum Performance Specifications document developed by the IACP and is expected to be completed by the end of 2010. The NIJ standard will include a certification program that will enable manufacturers to voluntarily submit their

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products for testing by an independent laboratory certified by NIJ. Systems that successfully demonstrate compliance with the standard will be identified in a Conforming Products List maintained by NIJ.

For additional information about the Video Standards Project, contact Project Manager Ian Hamilton at hamilton@theiacp.org or ext. 848.

- [Ian Hamilton](#)
703-836-6767 ext. 848

Q: There are easily over 50 different recommendations in the IACP document that require a compliant/non compliant response. Can the department please provide a “baseline” of specifications that they want to make sure that are supported: IE D1 resolution (but at what bit rate as multiple vendors have multiple bit rates that will qualify as D1 resolution. As an example, we have 3 bit rate settings that qualify as D1 resolution, but will not be the same in quality or file size depending on which is selected. Can the department give a baseline bit rate or file size that vendors should base their storage on?

A. If your proposed solution does not meet any of the over 50 recommendations then we ask that you specify which one(s) and why that’s all. If you meet all, then one simple statement covering the group can be supplied. You do not have to provide 50+ statements but you may if you wish. We cannot at this time provide a baseline and will only be able to do so after consideration of the proposals and our interviews with other customers.

Q: Front/rear cameras zoom and lux rating, GPS, Crash sensor, etc. desired?

A. These should all be presented as available options if not provided as a standard in your product.

Q: Could the department provide the item number/section that they specifically want confirmed in the IACP document?

A. I think this has been answered over and over again, both at the meeting and within this document. Please refer to Section 5 above, page 15 this document, with the response provided just above the link to the IACP document.

General Questions

Q: Is Automatic License Plate Recognition a consideration now or will be in the future?

A: Not as a part of this project.

Q: Is there now or will there be a consideration adding mobile-video to your Motorcycles?

A. *There may be at some future time.*

Q: Does the vendor need to provide proof of Delaware business license in the response or can it be provided at a later date before final award?

A. *See page 15, number 14 of the RFP*

Q: Vendors are encouraged to use their own pricing format/form/template based on DSP recommended number of units proposed?

A. *This was covered during the pre bid meeting. Price items as each.*

Q: It is the intent to award the winning vendor a 2 year contract, with a possible extension of 3 additional years?

A: *This is stated in the RFP on page 13 under # 4 -Contract Period*

Q: Does the Delaware State Police have a 4.9GHz licenses? If so, would the State of Delaware like to have a 4.9GHz solution?

A: *We do not have any 4.9GHz licenses and if only supplied by one vendor (Verizon) we would have to evaluate this so as not to be pigeonholed into one vendor's solution for life. If such a solution were available competitively and the cost of implementing fell within our budget then we would consider it. We are not requiring it.*

Q: What is the timeline of implementation for 400 cars? How many cars a week/ month?

A: *We are concerned with a quality installation. You should not feel constrained by any specific metric for installation, but simply doing the job right in a reasonable amount of time concerning the quantity purchased. Please understand we may not purchase all 400 at one time.*

Q: Will Delaware State Police supply a workspace for installations?

A: *Yes. This was already stated in the Pre-bid meeting.*

Q: Does Delaware State Police have garages where the installs can occur?

A: *Yes. This was also covered in the Pre-bid meeting.*

Q: Do the responder's installers need any special security clearances to work on site at Delaware State Police?

A: Yes. This was cover in the Pre-bid meeting. When awarded, they would be required to submit to finger print/FBI check at no cost to the vendor.

Q: The State Police manages its technology resources from a centralized server location as a preferred business operation. Each troop or barracks is connected to the State Network by TLS connectivity providing a bandwidth of 10 Mb/s. Is the State requiring a secondary, redundant, failover storage site?

A: Two primary storage sites are equipped with fiber providing a 100 Mb/s transfer rate. These two sites are part of the network topology for centralized data storage and management for this project. Vendors are required to provide a design structure for review that includes centralized storage and replication/backup on site or off-site.

Q: If the vendor is not requesting certification, are any documents required to be completed and submitted with our response?

A: This was covered previously.

Q: Can you provide a site survey of the Access Point Area for the 8 Troop locations? Specifically parking lot where the Access Points are located to determine adequate coverage and throughput for the upload of data. Any information regarding these locations would be greatly appreciated.

A: We currently have AP at each location covering the area where troopers are parking their vehicles. Each site would require to be evaluated by the vendor to assess proper coverage with their prescribed technology solution.

Q: The State says that approximately 2 hours of video will be recorded during a 12 hour shift and that most of that video will be kept for 2 years, some forever. However, later we all had some discussion about the non-evidentiary video being kept no longer than 30 days. My question is; how

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much non-evidentiary video is recorded per shift, or is part of that 2 hours accounting for that? If so, would the State estimate/revise the following statistics?

A: SEE BELOW TABLE

Breakdown of Video Recorded per 12-Hour Shift		
Video Type	Amount Per Shift	Retention Period
Evidentiary Video 1		Keep 2-Years
Evidentiary Video 2		Keep Forever
Non-Evidentiary Video		Keep 30 Days?
TOTAL VIDEO		Not applicable

A: *We are still evaluating with legal counsel just how long we should keep the various categories described below. The estimates given should be treated as such and are subject to change based on our available budget. Our budget will dictate how long we keep certain types of video and the vendor should base their proposal on a matrix of options. The successful bidder will not be awarded based on how long we will keep video.*

Q: Regarding the video that is kept “Forever” and “2-Years,” is the State requiring that this video be kept in the online database for immediate viewing or is the State OK with a solution that archives the video to a long term storage solution (i.e. tape, DVD)?

A: *Should we keep any video “forever”, we would most likely decide to keep it in another medium other than in a live database.*