



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
DPS0936

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
JOHN ABBOTT
304-558-2544

VENDOR

RFQ COPY
TYPE NAME/ADDRESS HERE

SHIP TO

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

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B	FREIGHT TERMS
05/04/2009				

BID OPENING DATE: **05/21/2009** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		920-45		
COMPUTER SOFTWARE MAINTENANCE/SUPPORT						
<p>OPEN-END CONTRACT TO PROVIDE CAD/MOBILE MAPPING HARDWARE & SOFTWARE FOR THE WEST VIRGINIA STATE POLICE, PER THE SPECIFICATIONS.</p> <p>EXHIBIT 3</p> <p>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 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) ONE</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

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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 \$125 fee.
5. All services performed or goods delivered under State Purchase Order/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 may be deemed null and void, and 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 Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
15. **WEST VIRGINIA ALCOHOL & DRUG-FREE WORKPLACE ACT:** If this Contract constitutes a public improvement construction contract as set forth in Article 1D, Chapter 21 of the West Virginia Code ("The West Virginia Alcohol and Drug-Free Workplace Act"), then the following language shall hereby become part of this Contract: "The contractor and its subcontractors shall implement and maintain a written drug-free workplace policy in compliance with the West Virginia Alcohol and Drug-Free Workplace Act, as set forth in Article 1D, Chapter 21 of the West Virginia Code. The contractor and its subcontractors shall provide a sworn statement in writing, under the penalties of perjury, that they maintain a valid drug-free work place policy in compliance with the West Virginia and Drug-Free Workplace Act. It is understood and agreed that this Contract shall be cancelled by the awarding authority if the Contractor: 1) Fails to implement its drug-free workplace policy; 2) Fails to provide information regarding implementation of the contractor's drug-free workplace policy at the request of the public authority; or 3) Provides to the public authority false information regarding the contractor's drug-free workplace policy."

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 case 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: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130



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<p>(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 TO 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>QUANTITIES: QUANTITIES LISTED IN THE REQUISITION ARE APPROXIMATIONS ONLY, BASED ON ESTIMATES SUPPLIED BY THE STATE SPENDING UNIT. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACT SHALL COVER THE QUANTITIES ACTUALLY ORDERED FOR DELIVERY DURING THE TERM OF THE CONTRACT, WHETHER MORE OR LESS THAN THE QUANTITIES SHOWN.</p> <p>ORDERING PROCEDURE: SPENDING UNIT(S) SHALL ISSUE A WRITTEN STATE CONTRACT ORDER (FORM NUMBER WV-39) TO THE VENDOR FOR COMMODITIES COVERED BY THIS CONTRACT. THE ORIGINAL COPY OF THE WV-39 SHALL BE MAILED TO THE VENDOR AS AUTHORIZATION FOR SHIPMENT, A SECOND COPY MAILED TO THE PURCHASING DIVISION, AND A THIRD COPY RETAINED BY THE SPENDING UNIT.</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>						

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<p>THE TERMS AND CONDITIONS CONTAINED IN THIS CONTRACT SHALL SUPERSEDE ANY AND ALL SUBSEQUENT TERMS AND CONDITIONS WHICH MAY APPEAR ON ANY ATTACHED PRINTED DOCUMENTS SUCH AS PRICE LISTS, ORDER FORMS, SALES AGREEMENTS OR MAINTENANCE AGREEMENTS, INCLUDING ANY ELECTRONIC MEDIUM SUCH AS CD-ROM.</p> <p>REV. 04/11/2001</p> <p>EXHIBIT 4</p> <p>LOCAL GOVERNMENT BODIES: UNLESS THE VENDOR INDICATES IN THE BID HIS REFUSAL TO EXTEND THE PRICES, TERMS, AND CONDITIONS OF THE BID TO COUNTY, SCHOOL, MUNICIPAL AND OTHER LOCAL GOVERNMENT BODIES, THE BID SHALL EXTEND TO POLITICAL SUBDIVISIONS OF THE STATE OF WEST VIRGINIA. IF THE VENDOR DOES NOT WISH TO EXTEND THE PRICES, TERMS, AND CONDITIONS OF THE BID TO ALL POLITICAL SUBDIVISIONS OF THE STATE, THE VENDOR MUST CLEARLY INDICATE SUCH REFUSAL IN HIS BID. SUCH REFUSAL SHALL NOT PREJUDICE THE AWARD OF THIS CONTRACT IN ANY MANNER.</p> <p>REV. 3/88</p> <p style="text-align: center;">NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p style="text-align: center;">DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130</p>						

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<p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER: JOHN ABBOTT (32)-----</p> <p>RFQ. NO.: DPS0936-----</p> <p>BID OPENING DATE: 5/21/2009-----</p> <p>BID OPENING TIME: 1:30 PM-----</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID:</p> <p>-----</p> <p>CONTACT PERSON (PLEASE PRINT CLEARLY):</p> <p>-----</p>						

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BID OPENING DATE: 05/21/2009 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
***** THIS IS THE END OF RFQ DPS0936 ***** TOTAL: _____						

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SPECIFICATIONS FOR
CAD/MOBILE CAD/AVL/MAPPING SOFTWARE

The West Virginia State Police desires to establish an open end contract for the purchase of CAD/MOBILE CAD/AVL Software and related hardware. The contract shall be available for use by the West Virginia State Police, Agencies of the State of West Virginia and all County Agencies and Municipalities.

The purpose of these specifications is to establish minimum requirements for CAD/MOBILE CAD/AVL/Mapping Software and hardware. The bids must meet or exceed specifications of the CAD/Mobile Crime Agent/ AVL/Mapping software or equivalent. Any exceptions must be explained fully and vendors must complete the Bid Quotation form provided with this RFQ.

References to email mean email between users of the CAD system not outside Internet email.

Any and all interfaces required to communicate with the Agencies current WEAPON/NLETS/NCIC system are the responsibility of the Vendor.

These specifications are written so that a multiple award may be possible depending on the Module requested by an Agency at the Time of purchase.

There will be two (2) Tiers.

Tier 1 – will Offer the CAD/Mobile CAD/AVL/Mapping

Tier 2 – will Offer strictly inquiry only for the Mobile Unit.

The purchasing Agency shall have the ability to stipulate at the time of purchase whether they desire to purchase the software solution in whole or in part as all modules shall be offered separately.

TIER 1

1. GENERAL SPECIFICATIONS

	YES	NO
1.1 The CAD system must be compatible with the WVSP's current network, including access to NCIC and NLETS queries.	_____	_____
1.2 All equipment must have been in service providing service to a client within the Continental United States for a minimum of six (6) months.	_____	_____
1.3 The vendor shall provide documentation of a system they have installed comparable to the Agency's size.	_____	_____
1.4 The system must be capable of complete remote diagnostics and maintenance via a secure system using CJIS Approved Two-Factor Authentication.	_____	_____
1.5 The Vendor shall offer a single point of contact for reporting troubles with Dispatch equipment, Logging Recorder, CAD, AVL, Mapping and Security Connection Applications.	_____	_____
1.6 The vendor shall offer software upgrade, versioning levels, and patches at no additional cost for the duration of the maintenance agreement.	_____	_____
1.7 All training must be completed using the agencies data.	_____	_____

- 1.8 The vendor must collect and load the agencies CAD data, including units, status codes and event codes. _____
- 1.9 The CAD software shall operate on a Windows XP and Business Vista platform. _____
- 1.10 The Mobile Crime Agent shall operate on a Windows XP and Business Vista platform. _____
- 1.11 All Data shall be maintained in a SQL Data base. _____

2. GENERAL CAD FUNCTIONALITY

- 2.1 The CAD software package shall provide computer aided dispatching and unit update windows, available units, Detachment inventory windows, active units' status windows and active call windows. _____
- 2.2 The CAD system shall allow users to change colors schemes within windows to add to ease of use. _____
- 2.3 The Cad system shall allow users to change and save windows, including resizing and repositioning windows, changing sort options, and hiding or viewing columns. _____
- 2.4 The system shall allow users to change and save their window attributes and changes (including window size and position, visible columns and column order). _____
- 2.5 Changes to the window attribute and views must be permission based. _____
- 2.6 The CAD system must allow for a default "dispatcher" profile in order to allow agencies to maintain consistency in views of CAD screens. _____
- 2.7 The vendor shall provide Train the Trainer training for Computer Aided Dispatcher (Users) and for CAD Supervisors. _____
- 2.8 The CAD software shall be supplied with an E911 interface to allow easy entry of basic call information into the system and to eliminate redundant data entry. _____
- 2.9 The software shall automatically assign an incident number to each CAD call. These numbers shall be comprised of the four digit year and a sequential number. _____
- 2.10 The CAD system shall allow case (OCA) numbers to be manually assigned on incidents where desired. _____
- 2.11 The CAD system shall allow for multiple case/run numbers to be assigned to an incident. _____
- 2.12 The system shall allow for automatic case number/run number generation based on disposition code. _____
- 2.13 The CAD system shall allow Run or Department numbers to be automatically assigned on dispatch. _____

- 2.14 The CAD system shall allow for each department to utilize its own set of case/run numbers and allow numbers to be rolled monthly or yearly. _____
- 2.15 The software shall support both field entry and command line entry of data. _____
- 2.16 The CAD system shall maintain a complete call detail record for each event, and shall be compatible with the incident reporting and records management subsystem. _____
- 2.17 The CAD system shall track units during non-emergency or routine functions that take up a unit's time, such as time spent in court or in the office/detachment. _____
- 2.18 The CAD system must automatically assign a priority to an incident based on the event code utilized. _____
- 2.19 The CAD system shall allow for the assigned/default priority to be agency/organization specific. _____
- 2.20 The CAD system shall allow for the entry of an incident disposition when an incident is closed. _____
- 2.21 The CAD system shall allow for an incident disposition to be changed after the incident has been closed for any period of time. _____
- 2.22 The CAD system shall allow for a disposition to be required before the incident can be closed. _____
- 2.23 The CAD system shall provide a list of user modifiable disposition codes to be displayed when entering a disposition code. _____
- 2.24 The CAD system shall provide a list of event codes (complaint types, incident types) to be displayed upon demand when entering a new incident. _____
- 2.25 The CAD system should allow entry of future calls. These pending calls are reported to the users at a pre-determined time. The system will then alert the operator of the call status and requirements. _____
- 2.26 The CAD system shall allow multiple CAD functions to be in progress at the same time. _____
- 2.27 The CAD system shall provide function key access for frequently used screens and functions. _____
- 2.28 The CAD system must provide an interactive help function with the computer initiated dialogues such as menu selections or Windows based point and click functions. _____
- 2.29 The CAD system shall provide online access to complete help documentation. _____
- 2.30 The CAD must provide context-sensitive online help. _____
- 2.31 The CAD system shall allow a closed CAD incident to be re-opened. _____

- 2.32 The CAD system shall maintain a file of all calls received. _____
- 2.33 The CAD system must have a module to allow users to enter (back in) calls and data after system downtime (Catch-Up Module). _____
- 2.34 The CAD system shall have the ability to log users off automatically after a pre-determined period of inactivity. _____
- 2.35 The CAD system shall allow user to government-mandated statistics (collect Racial Profiling data). _____
- 2.36 The CAD system shall require dated to be entered in an MMDDYYYY format. _____
- 2.37 The CAD system shall use Military (24 hour) format. _____
- 2.38 The CAD system shall function in a single or multi-jurisdictional environment. _____
- 2.39 The CAD system shall allow users to search and view jail inmate information when applicable. _____
- 2.40 The CAD system, where used simultaneously with EMD, shall upgrade or downgrade events based on information from EMD. _____
 - 2.40.1 The CAD system, where used simultaneously with EMD, shall include EMD comments in CAD narratives. _____
 - 2.40.2 The CAD system, where used simultaneously with EMD, shall allow for co-existence of CAD and EMD event codes; to either allow or prevent EMD codes overwriting CAD codes. _____
 - 2.40.3 The CAD system, where used simultaneously with EMD, shall allow restriction of EMD functionality to users, as determined by management, _____
- 2.41 The CAD system, where used simultaneously with PROQA, shall provide a narrative reason if and when a PROQA session is terminated. _____
 - 2.41.1 The CAD system, where used simultaneously with PROQA, shall include PROQA questions as part of other CAD details. _____
- 2.42 The CAD system shall allow a dispatcher to view personnel information associated with unit occupants. _____
- 2.43 The CAD system shall allow dispatchers to search for officers by skills. _____
- 2.44 The CAD system shall allow dispatchers to search vehicle ID numbers for personnel information. _____
- 2.45 The CAD system shall allow paging of units (manually and automatically). _____

- 2.46 The CAD system shall transmit CAD incident numbers as part of the alphanumeric pages. _____
- 2.47 The CAD system shall allow faxing of incident details (manually or automatically). _____
- 2.48 The CAD system shall interface with TDD (Terminal Device for the Deaf Systems). _____
- 2.49 The CAD system shall allow media files to be attached to CAD incidents and viewed. The following files shall be supported. _____
- 2.49.1 Windows Media Player files _____
- 2.49.2 Image files such as *.tif, *.jpg, *.bmp, etc. _____
- 2.49.3 Adobe *.pdf _____
- 2.49.4 Microsoft Word files *.doc, *.docx _____
- 2.50 The CAD system shall provide validation to ensure proper entry of proper two-letter state abbreviations, where used. _____
- 2.51 The CAD shall allow for export of rip and run prints to remote printers on the network. _____
- 2.51.1 Rip and Run prints shall be configurable. _____
- 2.52 The CAD system shall allow for export of data in ASCII format for use in third-party applications. _____
- 2.53 The CAD system shall provide support for a minimum of five (5) unit types. _____
- 2.54 The CAD system shall provide a system status management/coverage plan module that will utilize agency defined coverage plans to display unmanned Detachments and resource allocation. _____
- 2.55 The CAD system shall alert users when Detachments are unmanned (or resources have fallen below system status/coverage plan requirements). _____
- 2.56 The CAD system shall make recommendations for resource relocation based on the Detachment status coverage plan. _____
- 2.57 The CAD system shall allow users to relocate resources to Detachment by drag and drop functionality. _____
- 2.58 The CAD system shall allow users the option to display the current Detachment resource allocation/post coverage at all times. _____
- 2.59 The CAD system shall recommend units for dispatch by considering the current Detachment coverage. _____

- 2.60 The Cad system shall provide the ability to view, in the traffic stop module previous CAD incidents related to a particular vehicle. _____
- 2.61 The CAD systems unit log shall provide documentation of activities performed and the identity of the user responsible for each activity. _____
- 2.62 The CAD system shall automatically determine the priority of the incident based upon the incident type. _____
- 2.63 The CAD system shall color code events in the Active events display by priority. _____
- 2.64 The CAD system shall update all CAD stations with new status information automatically and immediately. _____
- 2.65 The CAD system shall allow a user to add information to an incident at any time. _____
- 2.66 The CAD system shall allow users to be set up as Call Takers only, and restrict such users from dispatcher functions. _____
- 2.67 The CAD system shall provide users the ability to stack, or assign low priority calls to a busy unit. _____
- 2.68 The CAD system shall allow units to be assigned to calls through drag and drop functionality (clicking on a unit ID, and dragging it to the call to be dispatched on). _____
- 2.69 The Cad system shall allow Dispatchers to have the ability to update unit status. _____
- 2.70 The CAD system shall provide the ability to place all units in a station out of service or off duty at one time. _____
- 2.71 The CAD system shall provide the ability to place all units in a station in service or on duty at one time. _____
- 2.72 The CAD system shall allow users to place a unit en-route or on-scene after notification from the unit even if the unit was not dispatched. _____
- 2.73 The CAD system shall allow users to view unit history/log information from command line or function key. _____
- 2.74 The CAD system shall provide the users with the ability to view the CAD incident from the unit log when CAD incident number is displayed. _____
- 2.75 The CAD system shall differentiate between active (dispatched) and pending (non-dispatched) calls in the system monitor. _____
- 2.76 The CAD system shall allow users to toggle between pending and active calls. _____
- 2.77 The CAD system shall allow users to quickly select any call from the display for updating. _____

- 2.78 The CAD system shall allow units to be added as assisting (backup) units on a call after it has been dispatched. _____
- 2.79 The Cad system shall automatically send a call back to the pending call queue if all assigned units are preempted from that call. _____
- 2.80 The CAD system shall alert users of the existence of standard operating procedures based upon the call type and location. _____
- 2.81 The CAD system shall allow administrators to develop specific lists of questions for users to ask callers based upon event types. These questions must automatically appear when a call with that event type is placed. _____
- 2.82 The CAD system shall allow for handling of calls for towing service. _____
- 2.83 The CAD system shall allow for assignment of wrecker companies from a rotating wrecker company assignment table and must allow for automatic assignment of the next company in a user-defined rotation. _____
- 2.84 The CAD system shall allow for multiple wrecker rotation areas, each with their own rotation order and type rotation selection. _____
- 2.85 The CAD system shall track a history of all wrecker companies and their status on a wrecker incident. _____
- 2.86 The CAD system shall allow for a wrecker to be returned to the wrecker assignment list out of sequence and be used as the "next up" wrecker. _____
- 2.87 The CAD system shall allow for the assignment of wrecker companies outside of rotation (owners request) to accommodate callers requesting a specific wrecker company. _____
- 2.88 The CAD system shall allow dispatchers to search for wrecker incidents by Tag number, Make, Model or color, owner name or Wrecker Company. _____
- 2.89 The CAD system shall allow for partial or wildcard searching of wrecker information. _____
- 2.90 The Cad system must provide the auto populate basic vehicle information into the Wrecker Incident. _____
- 2.91 The CAD system shall allow users to track/store impounds, hold and release information. _____
- 2.92 The CAD system shall provide a pre-formatted input screen for quick entry of officer-initiated traffic stops. _____
- 2.93 The Cad system shall provide a Function key for quick access to entry of traffic stops. _____
- 2.94 The Cad system shall automatically query NCIC for vehicle registration on all methods of traffic entries. Vendor will provide the interfacing for WEAPON/NLETS systems. _____

- 2.95 The CAD system shall allow dispatchers to enter data on vehicles involved in incidents. _____
- 2.96 The CAD system shall allow Dispatchers to search for vehicles involved in prior incidents by VIN number, Tag number, Make, Model or color. _____
- 2.96.1 Partial or wildcard searching of vehicle is required. _____
- 2.97 The CAD system shall allow users to place a call on hold in order to take another call. _____
- 2.98 The CAD system shall allow users the ability to save partially completed calls for service, which the user will then be able to retrieve and finish processing in any order. _____
- 2.99 The CAD system shall allow users to enter narrative of unlimited length on incidents. _____
- 2.100 The CAD system shall allow users to add to a narrative as an incident progresses. _____
- 2.101 The CAD system shall allow a setup option that limits editing of narratives to the creator of the narrative only. _____
- 2.102 The CAD system shall include spell checking for narratives. _____
- 2.103 The CAD system shall allow users to add to a narrative after an incident is closed. _____
- 2.104 The CAD system shall alert users of possible duplicate calls based upon incident location. _____
- 2.105 The CAD system shall allow for the tracking and billing of false alarms. _____
- 2.106 The CAD system shall allow users to send messages to users or groups designated by the agency. _____
- 2.107 There shall be no outside email through CAD. _____
- 2.108 The Cad system shall allow users to forward and reroute messages. _____
- 2.109 The CAD system shall allow users to send messages to mobile units if interfacing with MDT's. _____
- 2.110 The CAD system shall allow users to inquire into past CAD incidents via a form where they can input search variables. _____
- 2.111 The CAD system shall allow users to inquire into past CAD incidents with partial data or wildcard searches. _____
- 2.112 The CAD system shall allow users' immediate access to summary or detail on all incidents visible on their screens. _____
- 2.113 The CAD system shall allow for an unlimited number of active incidents. _____

- 2.114 The CAD system will allow users to enter data of any sort into a Book File where they can call it up quickly for reference. _____
- 2.115 The CAD system shall allow users to enter Pre-Fire Plans based on building names, addresses, or locations. _____
- 2.116 The CAD system shall allow users to monitor in progress events with real time updates. _____

3. Timers

- 3.1 The CAD system shall utilize event and unit status timers to monitor units as a call progresses. _____
 - 3.1.1 The CAD system shall notify the operator of overdue conditions. _____
- 3.2 The CAD system shall provide an initial check-back after a period of time from when a unit arrives "on-scene" to when the software shall first prompt the dispatcher to check on the unit's condition. _____
- 3.3 The CAD system shall provide the ability to reset timers after any status change. _____
- 3.4 The CAD system shall provide the timers based on event priority. _____
- 3.5 The CAD system shall alert users upon expiration of timers. _____

4. Alerts and Warnings

- 4.1 The CAD system shall make visual alerts to the user when BOLO (Be On the Lookout) warnings occur. _____
- 4.2 The CAD system shall make visual alerts to the user when hazard warnings occur at a specific location. _____
- 4.3 The CAD system shall make visible alerts to the user when previous incident history at a specific location is available. _____
- 4.4 The CAD system shall make visual alerts to the user when place/landmark information is available for an incident at a specific location. _____
- 4.5 The CAD system shall make visual alerts to the user when pre-fire information is available for an incident at a specific location. _____
- 4.6 The CAD system shall make visual alerts to the user when hydrant information is available for an incident at a specific location. _____
- 4.7 The CAD system shall make visual alerts to the user when directions to an incident's specific location are available. _____

- 4.8 The CAD system shall make visual alerts to the user when warrant information is available for an incident's specific location. _____
- 4.9 The CAD system shall alert a user upon attempt to log-off if a pending queue call remains incomplete in that user's stacked (pending) queue. _____
- 4.10 The CAD system shall visually alert a user if a new message has been received. _____
- 4.11 The CAD system shall, optionally, visually alert the users when narratives are added to an incident of relevance to them. _____
- 4.12 The CAD system shall when units are logged en-route to a hospital location that has been closed or a diversion to another hospital exists, users shall be alerted in CAD. _____
- 4.13 The CAD system shall alert users to hydrants in the area when available. _____
- 4.14 The CAD system shall when an incident is upgraded to a traffic pursuit alert all positions. _____

5. Logins/Security

- 5.1 The CAD system shall require a login and password and CJIS approved Two-Factor Authentication in order to gain entry to the software package. _____
- 5.2 The CAD system shall require the login identification to become part of the CAD incident record for all calls created and modified. _____
 - 5.2.1 All DATA entered shall be stamped with the user's login identification. _____
- 5.3 The CAD system shall allow Administrators' to be able to select the resource types for which Call Takers and Dispatchers will be responsible by geographic area, agency type, special group or any combination of these. _____
- 5.4 The CAD system shall allow that only calls in the dispatch group assigned to, or being monitored by the Call Taker/Dispatcher will appear in that user's call queue when they are automatically routed by the system. _____
- 5.5 The CAD system shall provide a method of viewing changes to a closed incident, including the name of the user implementing the change. _____
- 5.6 The CAD system shall provide an Audit Trail to track changes and additions to an incident or unit status. _____

6. MSAG/GEO Functionality

- 6.1 The CAD system shall utilize an on-line/offline Master Street Address Guide and geographic reference feature to insure that appropriate emergency response resources are dispatched to legitimate addresses. _____

- 6.2 The CAD system shall automatically determine the response zone, police zone and jurisdiction based on a verified incident location. _____
- 6.3 The CAD system shall allow that upon entry of the incident location, an automatic look-up in the geographic database shall verify the given incident as a valid address. _____
- 6.4 The CAD system shall notify the Call Taker or Dispatcher if the address does not verify against the MSAG/GEO file. _____
- 6.5 The CAD system shall allow the Call Taker or Dispatcher to enter an address that does not verify against the MSAG/GEO file. _____
- 6.6 The CAD system shall allow the entry of Directions to a location which will be visible upon demand, and upon a new incident at that location. _____
- 6.7 The CAD system shall allow for alias street names such as abbreviations. _____
- 6.8 The CAD system shall allow for a display of the nearest cross streets upon MSAG/GEO validation. _____
- 6.9 The CAD system shall display the nearest mile marker upon MSAG/GEO validation. _____
- 6.10 The CAD system shall allow the user to enter a location as a commonplace or business name (place/landmark). _____
 - 6.10.1 The system shall automatically connect commonplace or business name with an exact address. _____
- 6.11 The CAD system shall allow common place name entries to include an apartment number or building number. _____
- 6.12 The CAD system shall provide a soundex type look-up for street names, road, and highway names, intersections, and place/landmark names. _____
- 6.13 The CAD system shall allow the user to input the correct location if the E911 location automatically sent is incorrect. _____
- 6.14 The CAD system shall allow the user to enter partial street names to speed up the location entry and verification process. _____
- 6.15 The CAD system shall log location entries that do not validate against the MSAG, even if they are saved as the correct address by the user. _____
- 6.16 The CAD system shall provide address verification for and acceptance of invalid addresses, number ranges, street names, intersections, mile markers, rural routes and places/landmarks. _____
- 6.17 The CAD system when dispatching to a street that occurs in multiple cities, must display a list of all matching streets for each day. _____

7. Command Line Entry

- 7.1 The CAD system shall allow the ability to invoke Command Line Entry with a single keystroke. _____
- 7.2 The CAD system shall allow the Command Line Entry window to be removed from the screen if the Call Taker/Dispatcher does not wish to use it. _____
- 7.3 The CAD system shall allow command line entry users to scroll through and reselect previous command line entries with the use of a mouse or keyboard. _____
- 7.4 The CAD systems Command Line Entry will consist of a command identifier followed by data parameters. _____
- 7.5 The CAD system shall provide a help display for Command Line functions. _____

8. Unit/Equipment Recommendation

- 8.1 The CAD system shall provide automatic unit recommendation for an event based on the event type and the patrol area and response planning and availability. _____
- 8.2 The CAD system shall based on the nature code and location; provide appropriate recommendations on the agency that should be dispatched. _____
- 8.3 The CAD system shall allow dispatchers to override unit recommendation when required. _____
- 8.4 The Cad system shall allow units dispatched on a busy status (house checks, etc.) to be eligible for recommendation on higher priority incidents. _____
- 8.5 The CAD system shall have the ability to recalculate Unit recommendations if the incident type, incident location, or incident priority change. _____
- 8.6 The CAD system shall have the ability to recommend multiple units. _____
- 8.6 The CAD system shall have the ability to recommend Special Response Units. _____
- 8.7 The CAD system shall allow units to be labeled with a minimum of 5 unit types/attributes or equipment identifiers. _____
- 8.8 The CAD system shall allow for alpha numeric character unit types that are up to 8 Characters each. _____
- 8.9 The CAD system shall have the ability to recommend Department Special Units. _____
- 8.10 The CAD system shall have the ability to recommend units of multiple types if necessary (Fire and Law, for example) on the same incident. _____
- 8.11 The CAD system shall have the ability to recommend the appropriate units or apparatus based upon the type and location of the incident. _____

- 8.12 The CAD system shall allow for specific recommendations (response line ups such as 1 K9 unit) for each class or units/organization based on time of day. _____
- 8.13 The Cad system shall allow for differing response line ups/recommendations based on geographic location, for the same event type. _____
- 8.14 The CAD system shall allow for recommendation of mutual aid depending on the incident type, incident location, and type of equipment necessary. _____
- 8.15 The CAD system shall allow for specific unit type/apparatus recommendations for each class or organization or units on the same incident. _____
- 8.16 The CAD system shall allow for a combination of Detachment based and/or unit based recommendations. _____
- 8.17 The CAD system shall recommend the appropriate combinations of Detachments/stations and/or units based on event type and location. _____
- 8.18 The Cad system shall allow for a specified response for each alarm level for a specific type of incident. _____
- 8.19 The CAD system shall continually track Special Response unit coverage/posting and make necessary recommendations for equipment move-ups. _____
- 8.20 The CAD system shall allow for Special Response units via drag and drop. _____
- 8.21 The CAD system shall display a list of all Special Response units postings and uncovered areas. _____
- 8.22 The CAD system shall allow users to put in move up status via Command Line Entry. _____
- 8.23 The CAD system shall automatically consider units on a move up status in recommendations. _____
- 8.24 The CAD system shall allow for reversal of equipment move-ups. _____
- 8.25 The CAD system shall allow users to view all units in a "move-up" status, along with the current station/response area assignment at any time. _____
- 8.26 The CAD system shall have the ability to recommend the next best unit for the type incident if the initial unit recommended is unavailable for some reason. _____
- 8.27 The CAD system shall allow for resource contingencies for Special Response units that will automatically enable or disable units based on pre set contingencies to be determined by the agency. _____
- 8.28 The CAD system shall allow users to update/change resource contingencies on the fly. _____

- 8.29 The CAD system shall allow users and administrators to set a maximum number of Special Response units to be recommended from a specific location at one time (on a single incident) in order to not deplete resources in the area. _____
- 8.30 The CAD system shall allow ability to restrict resources and recommendations shall be Special Response Unit specific. _____
- 8.31 The CAD system shall enable Users to have the ability to update resource restrictions for a Special Response unit on the fly. _____
- 8.32 The CAD system shall allow users to set resource recommendation restrictions based on time of day. _____

9. Warrants

- 9.1 The CAD system shall include a module that allows qualified users to search for and view the details of warrants associated with incidents. _____
- 9.2 The CAD system warrants module shall be accessible only to users with the appropriate permissions. _____
- 9.3 The CAD system warrants module shall allow qualified users to add and maintain warrant information without leaving the CAD system. _____
- 9.4 The CAD system shall have the ability to interface with a third party warrant system. _____

10. Be on the Lookout Alerts (BOLO)

- 10.1 The CAD system shall maintain a "Be on the Lookout" (BOLO) file. _____
- 10.2 The CAD system shall maintain a BOLO reference number for each BOLO entered. _____
- 10.3 The CAD system shall allow BOLO records to be cross referenced to CAD incidents by BOLO number and CAD incident number. _____
- 10.4 The CAD system shall alert users to BOLO's that match on name or address upon creation of a CAD incident. _____
- 10.5 The CAD system shall alert users to BOLO records that match on the vehicle tag number when a traffic stop incident is generated. _____
- 10.6 The CAD system shall allow BOLO records to be sent to specified users, all users or user groups. _____
- 10.7 The CAD system shall allow users to set expiration dates for BOLO records. _____
- 10.8 The CAD system shall allow users to enable an announcement frequency for a BOLO so that users will be alerted to the BOLO at specified intervals. _____

10.9 The CAD systems BOLO records shall be searchable by BOLO number or CAD incident number.

10.10 The CAD systems BOLO records shall be searchable by keyword (including partial or wildcard searches).

11. All Purpose Scheduler.

11.1 The CAD system shall include an all-purpose scheduler for event, reminders and notifications that may or may not be CAD-incident-related.

11.2 The CAD systems scheduler shall allow scheduling of both one-time and recurring events.

11.3 The CAD systems scheduler shall allow users to alert a single terminal or all terminals.

11.4 The CAD systems scheduler shall issue automated reminders prior to scheduled events.

11.5 The CAD systems system Administrator module (File Maintenance) should be provided through the use of menu-driven activities.

11.6 The CAD system shall allow the System Administrator to enter and modify codes in code tables.

11.7 The CAD system shall allow System Administrators the security rights to be the only individuals with the ability to alter code tables if desired.

11.8 The CAD system shall allow for the removal of codes from the code table if those codes are no longer necessary.

11.9 The CAD system shall allow System Administrators to monitor the work of Call Takers and Dispatchers in a real-time manner and provide a log of changes.

11.10 The CAD system shall allow the System Administrators to take over screens and workload of Call Takers and Dispatchers if necessary.

11.11 The CAD system shall allow System Administrators to log off a Call Taker or Dispatcher if situations arise making it necessary.

11.12 The CAD system shall allow System Administrator changes to code tables to appear in drop down windows where available from the point of that change forward.

11.13 The CAD system shall allow for help tables and data validation in File Maintenance programs that reference other areas/tables

11.14 The CAD system shall allow System Administrators to control what appears on menus after changes to user's security rights.

11.15 The CAD system shall allow System Administrators to define text appearing on menu buttons within CAD based upon agency terminology.

- 11.16 The CAD system shall allow the System Administrator to generate reports of unauthorized or failed attempts to log into the system. _____
- 11.17 The CAD system shall allow the System Administrator to set up login groups and classes for Call Takers and Dispatchers in order for those individuals to see only the calls they need to see in order to perform their duties. _____
- 11.18 The CAD system shall allow single-logout capability for users in non-traditional client/server environments. _____
- 11.19 The CAD system shall allow the System Administrator to define the amount of time before a user is automatically logged off due to inactivity. _____
- 11.20 The CAD system shall allow for System Administrators to send messages to be received by all online users. _____
- 11.21 The CAD system shall allow System Administrators to send messages to only one or specific users, as opposed to all users. _____

12. Reports

- 12.1 The Cad system shall provide pre-designed reports that are able to be run on demand. _____
- 12.2 The Cad system shall provide the ability to export reports to *.PDF and *.CSV formats. _____
- 12.3 The CAD system shall utilize Crystal Reports and provide preconfigured reports with the ability through code tables to also design Ad-Hoc reports. _____
- 12.4 The CAD system shall provide Department Analysis reports of the following types:
 - 12.4.1 Events by Department. _____
 - 12.4.2 Hourly Call Distribution by Department. _____
 - 12.4.3 Department Unit Call Activity. _____
 - 12.4.4 Unit Time Analysis. _____
 - 12.4.5 Officer Log. _____
 - 12.4.6 Calculate Non-CAD Unit Events. _____
 - 12.4.7 CAD Incidents by Unit Status _____
- 12.5 The CAD system shall provide Event Recap reports of the following types:
 - 12.5.1 Event Type (Detail or Summary). _____
 - 12.5.2 Agency Total Calls for Service. _____

- 12.5.3 Detail Call Report. _____
- 12.5.4 CAD Events by Date and Location. _____
- 12.5.5 CAD History by Date Range. _____
- 12.6 The CAD system shall provide Call Response Time/Call calculation reports that allow for selection of the following parameters and display:
 - 12.6.1 Unit Department, Station or Organization. _____
 - 12.6.2 Location, Incident Type or Priority. _____
 - 12.6.3 Shift or time parameters. _____
 - 12.6.4 Call Calculation options for the incident or a specified departments response on the incident that include total length of time on the call, received to dispatch, dispatch to en-route, en-route to on-scene, dispatch to en-route, dispatch to on-scene, dispatch to clear or on-scene to clear. _____
- 12.7 The CAD system shall allow for a graphical display of call calculation reports, and allow users to select graph display parameters. _____
- 12.8 The CAD system shall provide Department Response Time Reports of the following types:
 - 12.8.1 Receipt to Dispatch by Department. _____
 - 12.8.2 Receipt to On-Scene by Department. _____
 - 12.8.3 Receipt to Clear by Department. _____
 - 12.8.4 On-Scene to Clear by Department. _____
 - 12.8.5 Dispatch to On-scene by Department. _____
 - 12.8.6 Dispatch to En-route by Department. _____
 - 12.8.7 Dispatch to Clear by Department. _____
 - 12.8.8 Organization Response summary by Department. _____
- 12.9 The CAD system shall provide a report of addresses accepted as valid entries of incident location that do not validate against the Geo database. _____
- 12.10 The CAD system shall provide Wrecker Reports of the following types:
 - 12.10.1 Wrecker Service by Date/Area. _____
 - 12.10.2 Wrecker Services by Last Name. _____

- 12.10.3 Wrecker Summary by Month. _____
- 12.10.4 Wrecker Service by CAD Incident Number. _____
- 12.10.5 Wrecker Schedule by Week. _____
- 12.11 The CAD system shall provide a report of Call Event Codes. _____
- 12.12 The CAD system shall provide a report of Status codes. _____
- 12.13 The CAD system shall provide a report of Units by Service Organization. _____
- 12.14 The CAD system shall provide a Unit Log Inquiry report. _____
- 12.15 The CAD system shall provide a Run/Case Number Summary report for a specified department. _____
- 12.16 The CAD system shall provide a Call Type totals by Date report. _____
- 12.17 The CAD system shall provide a Daily Media report. _____
- 12.18 The CAD system shall provide a report that displays all BOLO records for a specified date range, name, and location, originating agency or offense/violation type. _____
- 12.19 The CAD system shall provide reports on Racial Profiling Statistics. _____
- 12.20 The CAD system shall provide 911 reports of the following types:
 - 12.20.1 Telco subscribers. _____
 - 12.20.2 911 Logs by Date Range. _____
 - 12.20.3 911 Logs by Phone Number. _____
 - 12.20.4 911 Logs by Position. _____
 - 12.20.5 Inquire Miscellaneous. _____
 - 12.20.6 911 Reference Tables. _____
- 12.21 The CAD system shall allow reports to be scheduled to run automatically at pre-defined times. _____

13. NCIC

- 13.1 The CAD system shall offer the ability to automatically query vehicle registrations on traffic stops. _____

14. General GIS Specifications

- 14.1 All equipment shall comply with any and all applicable Federal Communications Commission Regulations, Part 68, Part 15, and sub-part J. _____
- 14.2 All equipment shall have been in service providing service to a client within the Continental United States for a minimum of six (6) months. _____
- 14.3 A list of at least five (5) verifiable clients must be provided with the technical proposal. _____
- 14.4 The CAD system shall be capable of complete dial-up remote diagnostics and maintenance. _____

15. General GIS Technical Specifications (Geographic Information System)

- 15.1 The GIS shall provide the CAD Dispatchers with the ability to display the location of a caller on a separate computer screen. _____
- 15.2 The GIS system shall instantly display the caller's location on the map monitor without any keystroke from the Dispatcher. _____
- 15.3 The GIS system shall display locations either entered automatically via an E911 Interface into CAD or manually entered by the dispatcher/call taker. _____
- 15.4 The GIS system shall allow Dispatchers to drag and drop available units from a CAD system onto the map in order to dispatch units. _____
- 15.5 The GIS system shall allow users to route responding units and display the route on the digital map. _____
- 15.6 The GIS system shall allow users to update unit status from the map. _____
- 15.7 The GIS system will allow users to zoom in or out on the map. _____
- 15.8 The GIS system shall allow users to "pan" around a map to view different locations. _____
- 15.9 The GIS system shall allow users to manually look up addresses even if there is no current call at that location. _____
- 15.10 The GIS system shall allow administrators to maintain the map database. _____
- 15.11 The GIS system shall automatically display CAD incidents and assigned units on the map. _____
- 15.12 The GIS system shall allow users to fax map data to an emergency responder. _____
- 15.13 The GIS system shall utilize layers in order to draw the map. _____
- 15.14 The GIS system shall allow users to turn off and on certain layers (example, the hydrant layer) from the map if desired. _____

- 15.15 The GIS system shall when interfacing with a CAD system, display the map location within five (5) seconds of the call being received. _____
- 15.16 The GIS system shall allow users to draw barriers (roadblocks) on the map and automatically re-route responder traffic around these barriers. _____
- 15.17 The GIS system shall allow printing of displayed maps. _____
- 15.18 The GIS system shall allow transferring of maps to other GIS workstations. _____
- 15.19 The GIS system shall be fully Wireless Phase I and Phase II compatible. _____
- 15.20 For a wireless Phase I call, the GIS systems map display shall detail the RF coverage area of the cell-face that received the call. _____
- 15.21 For a wireless Phase II call, the GIS systems map display shall center on the received latitude/longitude coordinate, and also make available to the dispatcher the display of the RF coverage area of the cell-face that received the call as an option. _____
- 15.22 The GIS system shall allow users to manually enter the ALI information or latitude/longitude coordinate and receive the same functionality of an automatic "hit". _____
- 15.23 The GIS system shall display real-time location of units where AVL technology is available and has been deployed in the vehicles. _____
- 15.24 The GIS system shall display actual house or building numbers if provided by the agency. _____
- 15.25 The GIS system shall display the site plan or footprint of buildings when this data has been provided by the agency. _____
- 15.26 The GIS system shall display latitude and longitude on the map. _____
- 15.27 The GIS system shall support Distance Measurement by selecting two (2) points on the map. _____
- 15.28 The GIS system shall display whichever layers the agency provides to incorporate before going live. Typical layers are as follows: _____
 - 15.28.1 Sites symbolized by type of structure. _____
 - 15.28.2 Hydrants. _____
 - 15.28.3 Pay Phones. _____
 - 15.28.4 Municipal Names. _____
 - 15.28.5 Street Centerlines. _____

15.28.6	Point Landmarks.	_____	_____
15.28.7	Area Landmarks.	_____	_____
15.28.8	Water Features.	_____	_____
15.28.9	Boundaries of any type.	_____	_____
15.28.10	ESN Boundaries.	_____	_____
15.29	The GIS system shall display aerial photographs if provided to incorporate before going live.	_____	_____
15.30	The GIS system shall allow users to draw shapes on the map (circles, squares, polygons, etc.) and will display location information such as phone numbers (if available) for all structure points located within the specified area.	_____	_____
15.31	The GIS system shall allow users to create a map perimeter in order to reroute traffic around special events.	_____	_____
15.32	The GIS system shall allow the creation of frequently displayed map windows for display of pre-selected map areas.	_____	_____
15.33	The GIS system shall allow users to use maps in order to perform Event Analysis functions.	_____	_____
15.34	The GIS system shall allow for map updates to be pushed out to all terminals from a central database and not require updates to be performed manually at each terminal.	_____	_____
15.34.1	When the map update is pushed out there will be a visual representation on the map screen indication that a map update is available.	_____	_____
15.35	The GIS system shall allow for visual notification of hospital diversions.	_____	_____
15.36	The GIS system shall allow for suggested routing by closest unit based on assigned unit locations.	_____	_____
15.37	The GIS system shall be able to initiate a CAD event.	_____	_____
15.38	The GIS system shall allow for visual representation via drag-and-drop for documenting and viewing pursuit events.	_____	_____
15.38.1	All the times must be date stamped and able to be saved to a CAD incident and stored as a digital image.	_____	_____

16. AVL Technical Specifications (Automatic Vehicle Location)

16.1	The AVL system shall be capable of accepting GPS data in an XML stream for display of unit location on the map.	_____	_____
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- 16.2 The AVL mapping application shall allow GPS data to be translated using a TCP Windows based connection. _____
- 16.3 AVL data shall be available for display on the Communications Center Maps. _____
- 16.4 AVL data shall be available for viewing on the mobile users map display. _____
- 16.5 The mapping application shall allow a mobile user to view their current AVL location when GPS data is provided. _____
- 16.6 The mapping application shall allow a mobile user to view other units AVL location when GPS data is provided and the units are within an agency defined distance from the mobile user. _____
- 16.7 AVL unit display shall include the unit ID. _____
- 16.8 The mapping application must allow a single icon to display multiple units when they are within an agency defined proximity to one another. _____
- 16.9 The mapping application shall allow users to double click an AVL unit icon to display the following information:
 - 16.9.1 Unit Name. _____
 - 16.9.2 latitude/longitude. _____
 - 16.9.3 Address. _____
 - 16.9.4 Date and Time of last update. _____
- 16.10 The map shall include the ability to update AVL database on an agency configurable refresh rate. _____
- 16.11 The mapping application shall include the ability to accept GPS/AVL data based on an agency defined rate. _____
- 16.12 The mapping application shall include the ability to provide mobile units with routing information to a dispatched incident from their current GPS/AVL location. _____
- 16.13 Units shall be routed to a main incident location when dispatched to a CAD incident with a verified GIS location. _____
 - 16.13.1 Verified locations and routes are contingent upon valid and connecting GIS street segments that match valid CAD MSAG data. _____
- 16.14 Unit routing shall display on the mobile mapping application. _____
- 16.15 Upon refresh of unit location, directions shall be recalculated and displayed on the mobile map client. _____

- 16.16 Unit location on the local GIS client will be re-centered when the location is within an agency specified distance from the edge of the map view. _____
- 16.17 The mapping application must log and store AVL data to a configurable folder. _____
- 16.18 Historical AVL data shall be available for replay. _____
- 16.19 The application shall have Administrator rights to limit what is seen by users be it other users or agencies or areas. _____

Mobile Data System Requirements

17. Automated Field Reporting (AFR)

- 17.1 A search feature using "soundex" algorithm shall be available to provide searches in MNI, Mobile Network Interface and MVI databases. _____
- 17.2 Automated Field Reporting will automate the incident and other reporting processes from the patrol/public safety vehicle. _____
 - 17.2.1 Optimally, AFR allows the capture of incident and report information and then electronically sends the report to a supervisor for approval and submission to the records management section. _____
- 17.3 The system shall provide a user specific menu of all AFR forms to select/display. _____
- 17.4 The AFR system shall be able to allow the client to save reports in a PDF format. _____
- 17.5 As a condition of maintenance agreement, the Vendor shall provide the modification of any of the pre-defined forms to include table changes, field names and display locations, edits, etc. _____
- 17.6 The system shall provide the ability for the Law Enforcement/Public Safety Officer to enter new, retrieve and/or modify existing Incident Reports prior to approval process in to the RMS database. _____
 - 17.6.1 Shall allow the forms to be approved through the chain of command prior to submitting into RMS. _____
- 17.7 The system shall import the CAD dispatch, Query information and pre-fill all data that is available where applicable. _____
 - 17.7.1 The system shall provide for over-ride capability for any pre-filled data. _____
- 17.8 The system shall be capable of processing a minimum of 500 incidents per day. _____
- 17.9 The system shall automatically populate Call information and other data from the CAD call into an Incident Report where appropriate. _____

- 17.10 The system shall be capable of storing *.PDF file types of the incident report and cross-indexing *.PDF file with the electronic incident report. _____
- 17.11 The system shall be capable of associating (linking) the drawings/images with the electronic report. _____
- 17.12 The system shall be capable of electronically collecting and printing the entire report from a mobile data terminal (MDT) from the Law Enforcement Officers vehicle. _____
- 17.13 The system shall be capable of emailing completed reports in either a *.PDF or other compatible format between users. Submit from Officer to Supervisor. _____
- 17.14 The system shall be capable of providing supervisors the ability to review, approve, or deny reports. _____
 - 17.14.1 Reports shall be capable of being "locked" from editing. _____
 - 17.14.2 Shall be able to submit supplemental reports as needed. _____
- 17.15 The Vendor shall provide ongoing development of a complete set of Law Enforcement/Public Safety reports (forms) in support of Automated Field Reporting. _____

18 Mobile Data Computing

- 18.1 The system shall provide the ability for the Law Enforcement Officer to perform real time inquiry on a person utilizing the person's name/date of birth; social security number; and/or Drivers license number/state to perform and internal, and/or NCIC/State DMV query. _____
- 18.2 The system shall provide an indicator to allow the officer to select one or more records from the list MNI and MVI results and then display the appropriate detailed information. _____
- 18.3 The system shall provide the ability for the Law Enforcement Officer to perform a real time soundex or inquiry on a vehicle utilizing the vehicle's license plate number/state; Vehicle Identification Number (VIN); or vehicle owner's name to perform an internal, and/or optionally (at the discretion of the officer) NCIC/State and DMV query. _____
- 18.4 CAD Call information shall display results which if available include a list of all address data including the owner's/occupant's name(s), any suspected criminal activity, call history, dangerous persons or animals, special alarms, etc. _____
- 18.5 The system shall be capable of transmitting Automated Field Reporting forms using IP (Internet Protocol). _____
- 18.6 The system shall be capable of "in car" printing for all forms. _____
- 18.7 The system shall be capable of electronic "workflow routing" of reports for approval and/or additional modifications, or notification purposes. _____

- 18.8 The system shall be capable of electronically interfacing with STATE/IDACS, etc and the vendor is responsible for the interface. _____
- 18.9 The system shall be capable of electronically interfacing with other modules (CAD, RMS, JMS, AFR). _____
- 18.10 The system shall be capable of mag strip or bar code scanning a driver’s license and automatically generating an internal system and NCIC/State inquiry. _____
- 18.11 The system shall provide a map resident on the “in vehicle” computer detailing all streets, roads, alleys, waterways, and railways, with magnification (zoom in/out) capabilities. _____
- 18.12 The end user shall be able to inquire against a map for an address, a street, an alias street, a premise, an intersection, and a latitude/longitude. _____
- 18.13 When an end user selects a point on the map with a system administrator-defined number of overlays (layers), subject only to the memory constraints of the PC. _____
- 18.14 When an end user selects a point on the map, the address and latitude/longitude shall be displayed. _____
- 18.15 The system shall be capable of displaying the map with a system administrator-defined number of overlays (layers), subject only to the memory constraints of the PC. _____
- 18.16 The end user shall be able to activate or de-activate mapping layers of the display. _____
- 18.17 When an incident is created and the address validated, the system shall plot the location of the incident on the map. _____
- 18.18 Once an incident location has been determined, the system will automatically (without user intervention) generate an icon representing the incident type to appear on the map. _____
- 18.19 The map shall automatically center on the generated icon, and zoom to a user/GEO defined view. _____
- 18.20 When the end user selects the incident icon, details of the incident (address, incident type, officer(s) or unit(s) on-scene or enroute, prior history of incidents at call location, ANI/ALI information) alerts for the location shall be displayed. _____
- 18.21 The system shall be capable of screen capturing a displayed map image in the vehicle and exporting the map onto a selected form. _____
- 18.22 The system shall be capable of displaying the current location of the patrol car or public safety vehicle. _____
- 18.23 The system shall be capable of displaying, on the patrol or public safety vehicle’s remote terminal, a photo image and associated message(s). _____

- 18.24 The system shall be capable of text communication between patrol/public safety vehicles and/or dispatch. _____
- 18.25 The system shall have the capability to route text messages to one vehicle, multiple vehicles, all vehicles and/or dispatch. _____
- 18.26 The system shall be capable of displaying the number of outstanding text messages and inquiries responses. _____
- 18.27 The system shall be capable of capturing an entire message and then allow law enforcement/public safety officer to scroll forward and backward through the message. _____
- 18.28 The Vendor shall provide Train the Trainer training for their Mobile clients. _____

19. Maintenance and Support

- 19.1 All Maintenance and Support for 1st year shall be included in base price. _____
- 19.2 All Versioning, Updates, Upgrades etc. shall be included while Maintenance Contract in place. _____
- 19.3 Pricing for subsequent years of support shall be listed on the attached Price Quotation form. _____
- 19.4 The Vendor shall provide a Single Point 24/7 Contact name and number for any issues. _____

20 Training

- 20.1 Training shall be provided using the Agencies Data. _____
- 20.2 Training shall be conducted at the Agencies Facilities. _____
- 20.3 All Training Materials Data, Data and Equipment shall be on-hand, loaded and tested prior to any scheduling taking place. _____
- 20.4 Train the Trainer classes shall be conducted on site at the Agencies Facilities. _____
- 20.5 Train the Trainer Class Shall be conducted for the Following and quoted on Quotation Form:
 - 20.5.1 CAD Administrator _____
 - 20.5.2 Crime Agent Administrator _____
 - 20.5.3 CAD User _____
 - 20.5.4 Crime Agent User _____
 - 20.5.5 The Vendor shall offer refresher Training _____

21. Hardware

- 21.1 All Hardware shall be COTS (Commercial off the Shelf). _____
- 21.2 The winning bidder shall recommend Hardware solutions for Servers based on their review of the Agencies current Server inventory and configuration and provide for 10% growth. _____
- 21.3 The winning bidder shall recommend Hardware solutions for Workstations based on their review of the Agencies current Workstation inventory and configurations and provide for 10% growth. _____
- 21.4 The winning bidder shall recommend Mobile solutions based on their review of the Agencies current Mobile inventory and configurations and provide for 10% growth. _____
- 21.5 The Vendor shall provide a generic list of minimum specifications for Servers, Workstations and Mobile Terminals to support their software provided with Bid Packet. _____
- 21.6 The Vendor shall provide documentation that their ***TOTAL*** Software solution will work with the current releases of Windows Operating systems to include Windows XP and Windows Vista Business and Vista Ultimate to be provided with Bid Packet. _____
- 21.7 The Vendor shall provide documentation as to how all updates, upgrades and patches will be handled and implemented with Bid Packet. _____
- 21.8 The Vendor shall provide a detailed description of how they will meet CJIS approved advanced two (2) factor authentication for the Mobile Terminals provided with Bid packet. _____

TIER #2

22. MOBILE DATA COMPUTING INQUIRY ONLY

- 22.1 The solution shall communicate directly with the Open Fox Switch with no interfaces other than the wireless device used by the MDT. _____
- 22.2 The solution shall have the ability to run all queries of a Standard "Inquiry Only" WEAPON Terminal to include:
 - 22.2.1 Standard NLETS Query:
 - RQ – Vehicle Registration Query _____
 - DQ – Driver Query _____
 - KQ – Driver History Query _____
 - RNQ – Vehicle Registration by NAM _____

22.2.2 WV Queries allow certain deviations from NLETS:

RQ – Vehicle Registration Query

LIC only VMA MYR optional

NAM only VMA VYR COU (county) optional

TTL only

DQ – Driver Query

NAM only DOB SEX optional

OLN only

KQ – Driver History Query

NAM only

22.2.3 ALL STANDARD NCIC Queries

PRICE QUOTATIONTIER 1

1.	Computer Aided Dispatch CAD Client License with First Year Maintenance	\$ _____
2.	Computer Aided Dispatch CAD Train the Trainer Training with twelve (12) Training Seats for Users and Administrators.	\$ _____
3.	Mobile Data Computing Client License	\$ _____
4.	Mobile Data Computing for Train the Trainer Twenty-five (25) seats	\$ _____
5.	Mapping Client License Enterprise	\$ _____
6.	AVL Client License Enterprise	\$ _____
7.	Maintenance for Second year 2 nd year.	\$ _____
8.	Maintenance for Third year 3 rd year.	\$ _____
9.	Per Seat Fee for CAD User/Supervisor Training	\$ _____
10.	Per Seat Fee for Mobile Data Training	\$ _____
11.	Total Tier-1 Bid Cost	\$ _____

TIER 2

1.	Mobile Query Only direct to Open Fox (Single User)	\$ _____
2.	Mobile Query single user annual maintenance	\$ _____
3.	Mobile Query Only direct to Open Fox (Multi User) Increments of 100 up to 450 users.	\$ _____
4.	Mobile Query multi-user annual Maintenance	\$ _____
5.	Total Tier-2 Bid Cost	\$ _____

LEASING OPTIONS

Provide Leasing Options for all software

Tier 1

1.	Computer Aided Dispatch CAD Client License with First Year Maintenance	\$ _____
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2. Mobile Data Computing Client License	\$ _____
3. Mapping Client License	\$ _____
4. AVL Client License	\$ _____
5. Annual Maintenance	\$ _____
<u>TOTAL</u>	\$ _____

TIER 2

1. Mobile Query Only direct to Open Fox (Single User)	\$ _____
2. Maintenance	\$ _____
<u>TOTAL</u>	\$ _____

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). *West Virginia Code*, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the *West Virginia Code*. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Resident Vendor Preference, if applicable.

- 1. **Application is made for 2.5% resident vendor 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 headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or,
 Bidder is a 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; or,
- 2. **Application is made for 2.5% resident vendor preference for the reason checked:**
 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; or,
- 3. **Application is made for 2.5% resident vendor preference for the reason checked:**
 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 Bidder's 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; or,
- 4. **Application is made for 5% resident vendor preference for the reason checked:**
 Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; or,
- 5. **Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:**
 Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; or,
- 6. **Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:**
 Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.

Bidder understands if the Secretary of 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) reject the bid; 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.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of 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.

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.

Bidder: _____ Signed: _____

Date: _____ Title: _____

*Check any combination of preference consideration(s) indicated above, which you are entitled to receive.

STATE OF WEST VIRGINIA
Purchasing Division**PURCHASING AFFIDAVIT****VENDOR OWING A DEBT TO THE STATE:**

West Virginia Code §5A-3-10a provides that: 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 owed is an amount greater than one thousand dollars in the aggregate.

PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:

If this is a solicitation for a public improvement construction contract, the vendor, by its signature below, affirms that it has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the *West Virginia Code*. The vendor **must** make said affirmation with its bid submission. Further, public improvement construction contract may not be awarded to a vendor who does not have a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the *West Virginia Code* and who has not submitted that plan to the appropriate contracting authority in timely fashion. For a vendor who is a subcontractor, compliance with Section 5, Article 1D, Chapter 21 of the *West Virginia Code* may take place before their work on the public improvement is begun.

ANTITRUST:

In submitting a bid to any agency for the state of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the state of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the state of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the state of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership or person or entity submitting a bid for the same materials, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

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. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf>.

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

Vendor's Name: _____

Authorized Signature: _____ Date: _____