



ADDENDUM TWO

Date: April 14, 2015

To: All Bidders

From: Brandy Henke, Buyer
Department of Roads

RE: Questions and Answers for Request for Proposal Number R54-14

Following are the questions submitted and answers provided for the above mentioned Invitation to Bid. The questions and answers are to be considered as part of the Invitation to Bid.

Questions	Answers
1. What is the estimated LOE in terms of either labor hours, FTEs, or budget?	There is no direct answer for this question; it would depend on the solution that is bid.
2. Is there an incumbent currently performing this work?	No.
3. Is there a bidders list available if companies are interested in teaming?	There is no bidder's list for this Request for Proposal.
4. Page 39 – G.4.a Lists Internet Explorer 7/8 as the NDOR technical environment. Our web product will not work on those browsers and very soon those browsers will no longer be supported by Microsoft. What browser version can we agree upon?	Section IV.G.4.a is hereby amended as follows: Internet Explorer 11 or above.

Questions	Answers
<p>5. Page 48 – 2 “Interfaces & Integration” indicates that the contractor’s system must interface with 5 different systems (Items a-e) but gives little detail regarding the scope of the integration. For each system, specifically what integration is required?</p>	<p>a. Microsoft SQL Server 2012 or greater – The solution needs to access this environment to extract the required vehicle crash data elements. This will be a one way read only access. Access is also available via an IBM DB2 mainframe.</p> <p>b. OnBase – The solution will need to utilize NDOR’s, currently in production, API to extract tiff images of investigator / drivers reports. No updating to the OnBase system is required – image viewing only.</p> <p>c. Google Maps – The system must provide a user friendly link to look up crash locations via Google Maps – a web link to the Google Maps interface is acceptable, but such a link must allow NDOR to modify the web address on the off chance the Google Maps web address is changed.</p> <p>d. Pathweb – This system is housed on NDOR’s Intranet and is accessible via the web. A link is required to take the users of your solution to the Pathweb intranet site. This Intranet web link must be modifiable by NDOR to point to a new location when / if Pathweb is moved within NDOR Intranet environment.</p> <p>e. Bentley Microstation – NDOR uses Microstation to create detailed vehicle crash diagrams. The solution will need to allow a user to “pull in” prebuilt templates and be able to “input” complete or started templates / crash diagrams into Microstation; these diagrams should be in a Microstation acceptable format.</p>
<p>6. Can you briefly explain the fundamental use case? I.E., Is the proposed system for documenting accidents when they occur (recording an accident report plus diagrams of the incident)? Is the proposed system intended to be a tool for reporting on, analyzing, and visualizing the accident history of particular roads and intersections?</p>	<p>The proposed system is intended to be a tool for reporting on, analyzing, and visualizing the accident history of particular roads and intersections. The system should display enough vehicle crash data to allow a user to quickly ascertain if there is a specific crash problem, at a location, within a set time box.</p>
<p>7. What are the budget parameters for the system?</p>	<p>The State has not established a definitive budget for this project. Bidders should propose the best solution in response to this RFP.</p>

Questions	Answers
<p>8. The RFP describes the target user base as, “a minimum of fifty (50) users across the State of Nebraska, with an approximate minimum of one-third (1/3) of the total number of users being concurrent users at any given time”. Is that an accurate description of the ultimate user base of the system?</p>	<p>As far as the State can determine at this time, this description is correct. It is assumed, that once the system is in place the demand for the solutions functionality will increase.</p>
<p>9. Does a Requirements Matrix exist? Is it to be created as part of the proposal, or is it to be developed during the requirements phase?</p> <p>The RFP includes somewhat confusing references to a “Requirements Matrix”. On page 6, the Requirements Matrix is listed as a mandatory part of the proposal. Page 38 includes this statement, “The functional requirements which bidders must address are described in the Requirements Matrix.”, implying that the requirements matrix already exists and that a proposal must satisfy it. Later, on page 44, the Requirements Matrix is described as one of the work products that will be produced during the requirements phase. Can you please clarify the intent here?</p>	<p>Yes. The Requirements (Traceability) Matrix is within each solution requirements document (Attachments A through F) – available on the web site and must be completed and submitted with a Bidder’s proposal.</p> <p>As stated within the RFP, page 44, Section IV.M Requirements Analysis states “These documents will be developed in <u>conjunction with the Requirements Matrix</u>, and will be reviewed and revised on a continuing basis as requirements are addressed.” The set of documents known as the Requirements Analysis are separate documents developed during the Requirements Analysis Phase (2.0) by the awarded Contractor.</p>
<p>10. The sample “Collision Diagram” (Exhibit B) appears to be a visualization of all the incidents that took place at an intersection over a period of time. A detailed diagram of an intersection is the background of this visualization and indicators are placed on this background that encode the details of individual accidents that occurred the overtime period of the study. Is the production of this type of visualization the primary purpose of the system?</p>	<p>Yes.</p>
<p>11. Exhibit A includes a number of intersection templates. Can you explain how this is relevant to the proposal?</p>	<p>Exhibit A represents the most common intersections within the State of Nebraska. The desire is to allow a user to quickly select a template for the roadway in question. The State’s current database does not store intersection types; the user will have to make the determination on what intersection to use and the solution will then insert the crashes within the selected template.</p>

Questions	Answers
<p>12. Exhibit D describes a minimal set of accident database fields. How will this database be populated?</p> <p>Is this system intended to be a means of collecting and validating this information or will this database be populated from existing sources?</p>	<p>The solution will access the State's accident database to extract the required database fields.</p> <p>The collecting and storage of crash data is outside the scope of this RFP.</p>
<p>13. III.E page 10, Does the State construe the clause covering the ownership of information and data to apply to software source code, or is software source code not included under information and data?</p>	<p>The proprietary source code used within a solution does not fall under the "Ownership of Information and Data" clause. However, all outputs from the software are subject to this clause.</p>

Questions	Answers
<p>14. III.R page 16, Should the vendor propose a deviation that the State rejects, does this automatically invalidate the Vendor's proposal, or will the vendor be given the option to consider withdrawing the deviation request?</p>	<p>All responses to this Request for Proposal which fulfill all mandatory requirements will be evaluated. The State reserves the right to evaluate and score any proposals with any deviations accordingly. However, as specified in Section III. R. any specifically defined deviations must not be in conflict with the basic nature of the Request for Proposal, mandatory requirements, or applicable state or federal laws or statutes. "Deviation", for the purposes of this RFP, means any proposed changes or alterations to either the contractual language or deliverables within the scope of this RFP. The State discourages deviations and reserves the right to reject proposed deviations.</p> <p>Please refer to Section III. R. Deviations from the Request for Proposal in its entirety and as provided below:</p> <p>Section III. R. Deviations: The requirements contained in the Request for Proposal become a part of the terms and conditions of the contract resulting from this Request for Proposal. Any deviations from the Request for Proposal must be clearly defined by the bidder in its proposal and, if accepted by the State, will become part of the contract. Any specifically defined deviations must not be in conflict with the basic nature of the Request for Proposal, mandatory requirements, or applicable state or federal laws or statutes. "Deviation", for the purposes of this RFP, means any proposed changes or alterations to either the contractual language or deliverables within the scope of this RFP. The State discourages deviations and reserves the right to reject proposed deviations.</p> <p>Additionally, please see Section II.I. Rejection of Proposals and III.B. Award and as provided below:</p> <p>II.I. REJECTION OF PROPOSALS The State reserves the right to reject any or all proposals, in whole or in part, or to award to multiple bidders in whole or in part. The State reserves the right to waive any deviations or errors that are not material, do not invalidate the legitimacy of the proposal and do not improve the bidder's competitive position. All awards will be made in a manner deemed in the best interest of the State.</p> <p>III. B. AWARD All purchases, leases, or contracts which are based on competitive proposals will be awarded according to the provisions in the Request for Proposal. The State reserves the right to reject any or all proposals, in whole or in part, or to award to multiple bidders in whole or in part, and at its discretion, may withdraw or amend the Request for Proposal at any time. The State reserves the right to waive any deviations or errors that are not material, do not invalidate the legitimacy of the proposal, and do not improve the bidder's competitive position. All awards will be made in a manner deemed in the best interest of the State. The Request for Proposal does not commit the State to award a contract. If, in the opinion of the State, revisions or amendments will require substantive changes in proposals, the due date may be extended.</p>

Questions	Answers
<p>15. III.GG page 23, Does the prohibition against advance payments also apply to payments for maintenance services? If it does, what does the State envision as a payment approach for maintenance services, which are referred to as paid annually in a later section in the RFP?</p>	<p>No. Maintenance/support services may be billed annually for the upcoming service year.</p>
<p>16. III.SS page 28, Under this section, the vendor is allowed to propose price increases when submitting pricing for each option year. The increases are capped at 5%, require justification, and are subject to State approval. Should the State disapprove of the increase, does that free the vendor from the obligation to perform services for the option year, or is it the State's intent that the vendor will then be obligated to perform the services at the original price?</p>	<p>On subsequent renewals of the original contract, any price increases must be submitted in writing to the Nebraska Department of Roads, Traffic Engineering Division. Pricing for subsequent renewals for on-going annual maintenance support and on-going licensing fees may not exceed a combined 5% increase per each one (1) year renewed contract period. If the State doesn't agree with a proposed increase, the subsequent renewal period is not approved and the State is free to seek a solution from another source.</p>
<p>17. III.SS page 28, The price proposal section requires that the vendor propose rates for change order services that are fixed for a 10 year period. Section III.SS requires that all prices proposed be no higher than those for other similarly situated clients during the same periods of time. There is a significant tension between locking a rate for 10 years and also certifying that this rate is no higher than other similarly situated clients at any time period during the 10 years. To resolve this tension, the vendor requests that the State consider dropping the requirement for a 10 year rate lock on the hourly rates.</p>	<p>Section III.SS on page 28 will remain as written. Note: as stated in this section, a Vendor is allowed to propose price increases when submitting pricing for each option year. The increases are capped at 5%, require justification, and are subject to State approval.</p>
<p>18. III.TT page 29, Is there a formula for establishing the relative value of the different evaluation criteria (Price, Technical, and Past Performance) and if so will the State provide the details of how these three factors are weighted in scoring the proposals?</p>	<p>Yes. However, the State does not publish evaluation criteria prior to opening to maintain the integrity of the RFP process.</p>

Questions	Answers
<p>19. III.YY page 31, Is the disaster recovery plan referred to here the Vendor's internal plan for how they recover their infrastructure in the event of a disaster, or is this related to the environment hosting the Crash Diagram System. If the latter, is the Disaster Recovery Plan required if the proposal is for the System to be Hosted by the State?</p>	<p>Yes. Depending on the solution bid, if the Bidder proposes to host the solution, then a disaster recovery plan would need to be developed around that proposed solution i.e., what is required by the Vendor/Bidder to recover the solution. If the Bidder's solution is to have the State host the solution, then it is expected that the Vendor will participate in the development of a State level disaster plan i.e. The Vendor/Bidder will review and insure that all aspects of the solution have been accounted for and provide guidance on how to best backup and recover the solution.</p>
<p>20. IV.E.e page 37, DWG is mentioned twice as a format to be supported for export. Is there a difference implied between the two uses of DWG?</p>	<p>Section IV.E.e on page 37 is hereby amended as follows: Exportable diagrams (PDF, DGN, DWG formats) and reports (PDF, DOCX, XLSX formats).</p>
<p>21. IV.G.2 page 37, Which version of SQL Server is the preferred, or required one?</p> <p>Is there an option for the vendor to propose Oracle instead of SQL Server?</p>	<p>Section IV.G.2 page 37 is hereby amended to eliminate "a. Microsoft SQL Server 2008"; only "b. SQL Server 2012" shall remain.</p> <p>Depending on the hosting method, an Oracle solution would be acceptable; however, any Oracle solutions must be hosted by the Vendor.</p>
<p>22. IV.G.4a page 37, The requirement here is to support IE 7 and 8. There is a separate requirement for the system to support not more than two versions back of any associated product. Current IE version is 11, implying we should be targeting functionality at IE9 or greater. At the time that a system delivered under this contract would enter production, it is likely that the current version of IE will be 12 (if IE continues to exist under that name). In the context of the time frame that the system will be delivered, and based on the requirement to be not more than two versions behind on related products, are IE7 and IE8 the development targets that the State believes are optimal for this system?</p>	<p>Please see #4.</p>
<p>23. IV.H.2 page 38, Please confirm that the choice of development methodology is up to the Vendor's discretion, or if not, please describe how the State envisions selecting a development methodology and which will be required?</p>	<p>While the State's desired methodology, when dealing with software, is Agile; the selected methodology is up to the discretion of the Vendor.</p>

Questions	Answers
<p>24. IV.H.3 page 38, The Post Implementation Support Phase is described here as preceding the O&M Phase and extending for up to 12 months in duration, only exited at the State's discretion. This phase is not included in the pricing templates (ex. Form B.4), which shows a progression from Implementation to Training to O&M. Where does the State intend for the vendor to capture costs related to this phase of the project?</p>	<p>Any costs associated with Post Implementation Support Phase shall be included on line 6.0 Implementation found on forms A.4, B.4, C.4, D.4, E.4 and F.4.</p>
<p>25. IV.H.3 page 38, The Post Implementation Support Phase has no set acceptance criteria except for not extending longer than 12 months. Without exit criteria, in a FFP contract proposal like this, the vendor is driven to price a full 12 months of Post Implementation Support into its bid. Will the State share acceptance criteria for the post implementation support phase that may be used by the vendor to make an independent assessment of how long this phase of the project may extend, and so more accurately price the proposal to the State?</p>	<p>Yes. Post Implementation acceptance will be tied to how the solution has been implemented. If all aspects of the Requirements Matrix have been created, tested, and approved before Implementation then the Post Implementation Phase has already been completed. If the solution has been developed in such a way as to be rolled out in useable phases – the solution can create intersections, but still lacks the ability to create corridors – then the Implementation Phase is in effect, and will remain in effect until the creation, testing, and final approval of all aspects of the Requirements Matrix have been fulfilled.</p>
<p>26. IV.H.4 page 38, The start of the O&M phase is tied to NDOR determining that all related requirements have been fulfilled and are fully operational. How does NDOR intend to make this determination? Will it be based on the system passing formal testing tied to the requirements contained in this contract? If not, what mechanism will be used to determine the start of the O&M phase?</p>	<p>The Operations and Maintenance Phase starts once all aspects of the Requirements Matrix have been developed, tested, operational and approved by the State.</p>
<p>27. IV.I.1 page 38, "Smaller changes will be considered to be part of the Operations and Maintenance responsibilities of the contractor". Can the State please define the meaning of the word "Smaller" in this context?</p> <p>Is it limited by the number of hours of labor that a potential change may require to implement?</p> <p>If not, is there another metric that can be used to assess the impact of Smaller changes on the O&M efforts?</p>	<p>"Smaller changes" are any item(s) that need to be implemented, created, or installed to keep the system within compliance with the two versions or newer requirements.</p> <p>No.</p> <p>No.</p>

Questions	Answers
<p>28. IV.J.1 page 39, In order to assess storage requirements for a 10 year period for the system, the vendor needs to better understand the volume of usage the State anticipates. If you can, Please provide an anticipated annual volume of diagrams to be created and an expected annual growth rate in that volume?</p>	<p>It is expected that the system would generate 10,000 diagrams per year, of which, 1,000 would be archived for historical reference. Without first knowing the file format the Vendor proposes, an accurate estimation of storage space is unknown.</p> <p>As access and training on the solution become available, it is expected that there would be an annual growth of ten percent (10%) per year.</p>
<p>29. IV.J.2 page 39, The requirement to be no more than two versions back on 3rd party software appears to be in conflict with the requirement for IE7 and IE8 as the browser standards. Which is the overriding requirement?</p>	<p>Please see #4.</p>
<p>30. IV.L.6 page 43, The requirement here is for “bi-monthly” status meetings. In this context does bi-monthly mean twice a month, or once every two months?</p>	<p>Twice a month.</p>
<p>31. IV.L.9 page 44, Is this Disaster Recovery plan required regardless of whether the system is Vendor or State hosted? In a State hosted solution, will the State not provision the DR capabilities and provide IT Staff to execute their execution? If this is the case, will the State commit the appropriate resources to assist in the development of the DR plan for the system?</p>	<p>Please see #19.</p>
<p>32. IV.L.9 page 44, This section says that the DR plan timing will be determined in the Detailed Project Work Plan. The table on Page 40 (section 1.6) shows that the DR plan is due 4 weeks after contract start. Which governs the timing of when the plan is due?</p>	<p>Both the Detailed Project Work Plan (1.1) and the Business Continuity Plan / Disaster Recovery Plan (1.6) are both due at contract start +4 weeks. (page 40, Section IV.K – 1.1 and 1.6 under the table listed).</p>

Questions	Answers
<p>33. IV.N.7.3 page 47, Please expand on what is intended to take place under “video sessions”. Are these short training videos, or live webinars? What is the State’s expectation for number of sessions and their frequency? Who is the target audience?</p>	<p>After phase 6.6 System Go Live, the Vendor shall provide the State with supplemental training for the trainer group if significant system updates occur. This supplemental training may occur onsite or via video conference, web portal, manual, or other mutually agreeable delivery method. Video web portal will be made available to NDOR upon request. (7.3 Video Sessions) – page 52.</p> <p>The nature of the video training will be at the discretion of the Vendor, but the contents of the material must be detailed enough to provide the needed training to those designated by the State as solution power users. The quality of the contents will be determined by the State. If the Vendor decides to utilize webinars, the Vendor will record (audio / video) the session and make said webinar available to the State, at no expense to the State.</p>
<p>34. IV.P.2 page 49, Given that this is a time is of the essence contract, with liquidated damages for exceeding schedule, and given that the system may require vendors whose software the system is to integrate with to change their systems, test the changes, and deploy them successfully, all while not being under contract or obligation to the vendor, how will the State ensure that the external vendors complete their efforts on-time and with acceptable quality? This also applies to ensuring that these vendors participate in any required troubleshooting activities and resolve any issues with their end of the interface on schedule.</p>	<p>Third party integration of existing State software will not impact the Vendor’s time requirements, as long as documented proof can be provided to the State that attempts have been made on the Vendor’s part to contact, work with, and create / implement an integration solution. The State reserves the right to negotiate a solution with the existing third party software Vendors to expedite a solution to the issue.</p> <p>Any third party software, developed or utilized within the solution, that are introduced to the State via the proposed solution fall outside the power of the State, and as such, are managed by the Vendor and fall under the “time is of the essence” clause within the contract and become the sole responsibility of the Vendor (page 32, ZZ).</p>
<p>35. IV.R.2.e page 50, Please expand on what is expected to be included in the knowledge transfer activity and what will represent acceptable completion of that activity. Also, how is this activity separate from the development of guides and from the provision of formal training?</p>	<p>Knowledge transfer is complete when the State’s subject matter experts have received all documents needed to successfully recover the system in the event of a disaster, been trained in the complete operation of the system, and sign off of acceptance documentation has taken place. It is expected that a minimum of three (3) “dry runs” of the system recover will be performed and power user training has taken place to the extent that the State can successfully operate the proposed solution. “Successfully operate the proposed solution” will be determined by the project sponsor and upon his / her ‘sign off”.</p>

Questions	Answers
<p>36. IV.R.2.g page 50, Please expand on the expectations of the help desk that the Vendor is to provision, particularly as relates to a State hosted system. Is this help desk to be solely for the logging of technical issues/defects with the system, or is it meant to provide general end user support and “how to” support? Will access to it be limited to a few state technical staff with detailed knowledge of the application and the underlying infrastructure, or will it be available to all users of the system?</p> <p>Will the State perform any level of vetting of an issue before it is elevated to the help desk, or will it be the Vendor’s responsibility to determine if the issue represents a defect in the system, is a user knowledge issue, or an issue with the underlying IT and related systems provisioned by the State?</p>	<p>The help desk role will depend on hosting solution, secured login process used, and other matters of this nature. It is expected that the Vendor’s help desk will be staffed in such a manner as to take the above information into account. The solution experts would be expected to act as frontline user support, the Vendor would then be contacted in the event that the State’s solution experts encountered an issue they cannot resolve.</p> <p>The Vendor would be expected to work in conjunction with the State’s solution experts to identify, document, and resolve any solution related issues.</p>
<p>37. IV.R.5 page 51, Is ONGOING SUPPORT another name for the Post Implementation Support referred to in Section IV.H.3?</p> <p>Where does the State anticipate that the vendor will price the costs of providing on-going support? Typically, the vendor would put these costs into the O&M price, but this section precedes and is separate from the O&M Phase? Are ongoing support services only required up to reaching the O&M phase, or are they complementary to and continue in parallel with the O&M phase?</p>	<p>No. Ongoing Support is part of the O&M Phase which is separate from the Post Implementation Support Phase.</p> <p>Any costs associated with Ongoing Support shall be included on line 8.0 Operations & Maintenance found on forms A.4, B.4, C.4, D.4, E.4 and F.4.</p> <p>Post Implementation acceptance will be tied to how the solution has been implemented. If all aspects of the Requirements Matrix have been created, tested, and approved before Implementation then the Post Implementation Support Phase has already been completed. If the solution has been developed in such a way as to be rolled out in useable phases – the solution can create intersections, but still lacks the ability to create corridors – then the Implementation Phase is in effect, and will remain in effect until the creation, testing, and final approval of all aspects of the Requirements Matrix have been fulfilled.</p>

Questions	Answers
<p>38. V.Table 1 page 54, There is no mention of or budget percent assigned to Ongoing or Post Implementation Support. Where do these phases fit into the project and project payment schedule? Also, what is the Operations & Maintenance payment milestone for in this table, what are the acceptance criteria for it, and what event triggers billing for it?</p>	<p>Any costs associated with Post Implementation Support Phase shall be included on line 6.0 Implementation found on forms A.4, B.4, C.4, D.4, E.4 and F.4.</p> <p>Any costs associated with Ongoing Support shall be included on line 8.0 Operations & Maintenance found on forms A.4, B.4, C.4, D.4, E.4 and F.4.</p> <p>Post Implementation acceptance will be tied to how the solution has been implemented. If all aspects of the Requirements Matrix have been created, tested, and approved before Implementation then the Post Implementation Support Phase has already been completed. If the solution has been developed in such a way as to be rolled out in useable phases – the solution can create intersections, but still lacks the ability to create corridors – then the Implementation Phase is in effect, and will remain in effect until the creation, testing, and final approval of all aspects of the Requirements Matrix have been fulfilled.</p>
<p>39. Attachment E, Is a solution with a Java-based client component acceptable?</p>	<p>Yes, depending on the solution's hosting method. The State doesn't support Java, and as such, any method bid utilizing a Java solution should be Contractor hosted.</p>
<p>40. Attachment E, A.1 & E.10 pages 4 & 9, What version of SQL Server is required? Requirement A.1 states SQL Server 2012 or higher while requirement E.10 specifies SQL Server 2008 R2 or higher.</p>	<p>Section IV.G.2 page 37 is hereby amended to eliminate "a. Microsoft SQL Server 2008"; only "b. SQL Server 2012" shall remain.</p>
<p>41. Attachment E, A.2 page 4, What is the nature of the TIFF images of the motor vehicle crash reports which are to be retrieved from the OnBase system? Are these existing (or possibly archived) crash diagrams and/or reports?</p>	<p>The TIFF images are images / reports (1998 – present) of vehicle crashes within the State of Nebraska.</p>
<p>42. Attachment E, A.2 page 4, Are there any requirements to post diagrams and/or reports back to the OnBase system?</p>	<p>No.</p>

Questions	Answers
43. Attachment E, A.4 page 4, What are the specific user roles required by the system?	Administrator Power user User What each user group can access will be later detailed once a solution has been outlined.
44. Attachment E, A.5 page 4, Regarding the maximum number of clicks for any action, what constitutes an <i>action</i> ? Please provide additional examples.	Any time a user has to “click” within the solution to start / stop an action constitutes an action. i.e., opening a diagram template, uploading a diagram, logging into the system, accessing Google Earth, etc.
45. Attachment E, A.10 page 5, Are any other output diagram file formats to be supported other than TIFF, PDF, DWG, DXF, DGN, and DOCX?	The solution must have the ability to save a diagram and its related spreadsheet in different formats, to include: TIFF, PDF, DWG, DXF, DGN, PDF, DOCX, and XLSX for diagram and spreadsheets. All changes made by user will be included. This list comprises the minimum system requirements.
46. Attachment E, A.10 page 5, What specific versions of DWG and DXF files are to be supported for output diagram files?	At this time, all current and historical versions of DWG and DXF files formats are supported within the State’s environment. The preference is to work with AC1021, AC1024 and AC1027.
47. Attachment E, A.10 page 5, Are any special CAD elements or other considerations (e.g., levels) required in the output diagram files generated for DXF, DWG, and DGN formats, or is this left to the discretion of the contractor?	The CAD elements required to support the solution are up to the Vendor, but it is expected and required that the CAD elements will be organized within logical levels. i.e., roadway, vehicle, elements, etc.
48. Attachment E, B.3 page 6, What coordinate system is to be supported for crash locations? Are multiple coordinate systems to be supported? Is a custom coordinate system to be supported?	Either by location line, primary and secondary roadway, reference post, or GPS. This will be dependent upon Vendor solution proposed. Again, this will be dependent upon Vendor solution proposed.
49. Attachment E, C.1 page 8, What are the various operations to be permitted/prohibited within each role?	Please see #43.
50. Attachment E, C.1 page 8, What are the data access restrictions required at the record level for each role?	Report access level – Investigator, Driver, BAC, Truck / bus reports all have a different level of access assigned to them. Depending on user rights access will be granted or denied. All access will be documented.

Questions	Answers
51. Attachment E, C.2 page 8, What specific actions are to be logged in the audit trail for each user?	Access date, time, record ID, user name, creator of document, and any edits (date/time/user).
52. Attachment E, C.2 page 8, Is there any time expiration regarding the user audit trail data (automatic deletion of old audit data) or is the deletion of audit data intended to be a manual process?	The deletion of audit data will take place automatically and will occur 366 days after the entry log entry.
53. Attachment E, C.2 & D.1 page 8, Are there any requirements for the archival of the data maintained in the system, including diagrams, reports, user audit data, etc?	The deletion of audit data will take place automatically and will occur 366 days after the entry log entry. The storage of diagrams, reports, and intersection diagram data will be stored until a user manually deletes or moves the data.
54. Attachment E, F.3 page 9, Is an interface to data in an IBM DB2 database indeed required if the system is built on a SQL Server database?	No.
55. Attachment E, G.1 page 10, What specific mainframe access is required?	System must be able to access and read vehicle crash data from multiple tables within an IBM DB2 9x mainframe environment. This only applies if the proposed solution chooses to utilize the IBM mainframe approach, versus the SQL approach.
56. Attachment E, Pricing Summary Table page 17, "...database updates (at least weekly)..." What does the State anticipate as weekly database updates, and what role does the State anticipate the vendor fulfilling in relation to them in a State hosted solution?	If the proposed solution doesn't directly interface with the production vehicle crash data database (preferred), then a minimum of a weekly download of all new vehicle crash data will occur. This will take place regardless of the solution implemented.
57. Throughout RFP, There were several items listed throughout the RFP in which a response was "due with RFP proposal" or left as an open requirement to be addressed. These were not included or itemized in the Matrix forms. Would NDOR prefer these additional items be included before or after the Matrix form?	Bidder may submit the additional items before or after the Requirements Matrix; NDOR has no preference.
58. Attachment E, A.3, Would this be State AD users?	The State's Active Directory accounts could be an option, but not necessarily the only solution.
59. Attachment E, A.4, Would this be State AD groups?	Please see #58.

Questions	Answers
60. Attachment E, A.6, Who needs to be able to modify system/web screens?	The State or Vendor, but modification must be allowable with minimum impact to the operation of the underlining system. Additionally, modifications should not take an excessive amount of time.
61. Attachment E, A.7, Interactive help or PDF?	Either option is acceptable.
62. Attachment E, A.8, Would CSV be an acceptable Excel spreadsheet format?	No.
63. Attachment E, A.9, Is an ECM location acceptable in place of a mapped network location?	This will be dependent upon the Vendor's solution.
64. Attachment E, A.10, What is the business need for creating proprietary file formats in place of a final image? Is there a need to edit the diagram after creation?	The systems that would utilize the images beyond the proposed solution use the listed file formats. Yes.
65. Attachment E, B.1, Would GPS coordinates be used to place them on the diagram? Are GPS coordinates available for every crash or would other information be available to place crash locations in the appropriate portion of the intersection? Will NDOR be able to provide samples of HSI tables and schema?	How to place the crash upon the diagram is being left to the Vendor. There are various options available within the State's database, GPS being one of them. Accident location, reference post, 1 st and 2 nd roadway are a few additional options. Yes.
66. Attachment E, B.3, Is this the display of reference information per accident or header information?	Neither. This would be ways to query the crash data to generate a list of accidents that must be inserted upon the crash template.
67. Attachment E, B.4, Is this a template that needs to be created dynamically or does this system just need to load an intersection library? Is this where we would display crash information for non-standard intersection configurations? Does the legend need to be editable? Does this need to be a print preview type image while editing or can you edit details and then print preview?	Either method is acceptable. This would be the starting location for placing the basic information about a crash location. Yes. Either method is acceptable.

Questions	Answers
68. Attachment E, B.7, What field is used to determine the North-South vs. East-West roadway names for auto-labeling?	The solution would have to determine the compass direction of the intersection being studied by deriving the information from additional fields within the database. – Vehicle direction of travel, roadway name etc.
69. Attachment E, B.10, Is the requirement here to bring in an existing image from a screen shot of Google Maps or other image source as an underlay?	Yes.
70. Attachment E, B.15, What type of link is this? Where is the information stored? What program is used to view the videos?	This will be dependent upon the Vendor's proposed solution. Within the State's roadway video library. Pathweb's proprietary video viewer. The running and viewing of the Pathweb software is outside the scope of this RFP; just linkage to the Pathweb system to allow the user to operate the Pathweb software is desired.
71. Attachment E, B.16, Are the diagrams of the same intersection? Are the diagrams from multiple intersections along a corridor?	Both intersections and corridors are required.
72. Attachment E, C.1, Is the record level an individual document created by a specific user? Would users be able to grant other users rights?	Yes. No. The permissions should be granted at the user group level. i.e., from within the Active Directory group, if the solution utilizes AD as its means of access control.
73. Attachment E, C.2, What type of users actions are logged? Is this every movement of a text or graphic element or higher level such as viewed, edited in general?	Access date, time, record ID, user name, creator of document, and any edits (date/time/user) are logged for each " <u>higher level</u> " action – viewing, editing, creating.
74. Attachment E, E.7, Would the vendor utilize the State's public Active Directory?	The State's Active Directory accounts could be an option, but not necessarily the only solution.