Delaware Department of Transportation
QUESTIONS AND ANSWERS
DMV System Modernization
Agreement 1833
October 5, 2017

Q #	Question	Answer
1	We are a DBE firm from Maryland. Are we allowed to participate as a subcontractor?	Yes.
2	Is there a list of larger firms on your state web site?	There is no bidder's list available for this procurement.
3	We are MBE (DBE) certified company in the State of Maryland. Are we able to pursue this opportunity in the State of Delaware?	Yes.
4	I was interested in knowing whether an MDOT-certified DBE incorporated in Maryland is eligible to participate in the referenced bid as a subcontractor?	Yes.
5	I am a small business concern, specializing in mobile applications development, and was wondering how I can team up with another vendor.	All awarded vendors will be publically posted here http://mymarketplace.delaware.gov/ once the procurement process is complete. See Answer to Question 2.
6	Is this contract a DBE set-aside? If no, is there a requirement for minimum DBE participation? If yes, are there also required minimum participation levels specified by socioeconomic group?	No, this is not a DBE set-aside. No, there is no minimum DBE participation. No, there are no minimum participation levels specified by socioeconomic group.
7	Is there an incumbent contractor for this project? If yes, please provide the contractor name, and the period of performance for the contract.	No.
8	Is there an incumbent contractor providing system engineering or other technical advice to Delaware DOT for this project?	No.
9	Has or is Delaware DOT (previously or currently) been involved in any other modernization projects? If yes, please provide details, as to the dates, contract number, and contractor.	Yes, see DOT1598-DMV MVALS at http://contracts.delaware.gov. This contract was mutually terminated in June 2015.

Q #	Question	Answer
10	Please provide the expected / anticipated / most suitable time frame for conversion / modernization of applications in Phase One.	Year and a half, give or take 6 months.
11	Please provide the expected / anticipated / most suitable time frame for conversion / modernization of applications in Phase Two.	9 months - 12 months
12	Please provide the relation in time between Phase One and Phase Two.	No gap is anticipated between the phases. Before implementation in Phase 1, requirements could be gathered for Phase 2.
13	Has a target architecture ("to be" architecture) for the systems / applications to be modernized been identified / selected / developed? If yes, please provide the details of the desired target architecture.	No, this will be developed with the selected firm.
14	Are details of the "as-is" technical architecture available prior to proposal submission? If yes, please provide the "as-is" technical architecture details.	The as-is is available in the RFP.
15	Are details of the "as-is" systems architecture available prior to proposal submission? If yes, please provide the "as-is" systems architecture details.	The as-is is available in the RFP.
16	Are details of the "as-is" operational architecture available prior to proposal submission? If yes, please provide the "as-is" operational architecture details.	No.
17	When is the proposal due? The due date on the web page is shown as September 17th, 2017, but the due date in the RFP text itself is shown as September 7th, 2017. Please provide the correct proposal due date.	We will be revising the due date to Thursday, October 12th 2017.
18	It appears that an expression of interest is also required. Please clarify if an expression of interest is required, or not, and if yes, then please provide the due date for the expression of interest.	The Expression of Interest and Proposal are the same document and should be considered interchangeable terms.

Q #	Question	Answer
19	What is the place of performance for this project? Please clarify what work is expected / required to be done at DOT facilities, and what work may be done at contractor facilities.	The expectation is that there is a PM and technical team that is part of the Modernization project team, with an empasis that, depending on the job descriptions, some of the vendor's team is physically present in Dover, DE.
20	Please indicate the size of the space and other facilities to be provided at DOT site(s) to the successful offeror.	This information would be provided to the awarded firm after award.
21	I am a small business, but with no social disadvantages. I would be interested in serving as a subcontractor to a primary contractor. Is it possible for me to apply?	Proposals should be submitted by firms that want to be considered for award as a primary vendor only.
22	Section IX Rating Criteria lists as one of the rating criteria: "Experience performing DMV and/or Mainframe system modernizations". However, in section 8.4.5 References; the RFP asks for "up to three (3) references of DMV modernization projects with functionality similar to RFP, and up to three (3) references of other projects of similar size, nature and complexity." Will the RFP be amended to align the rating criteria with the references requirements, changing the "and" in references to "and/or" as it is in the rating criteria?	The RFP does not require changing. In the references section we are giving firms the availability to list projects of similar size, nature and complexity. The Rating Criteria will determine if the size, nature, and complexity of any listed projects in the References section will qualify as experience for this project.
23	Is there any restriction on the location of resources working on this project?	The expectation is that there is a PM and technical team that is part of the Modernization project team, with an empasis that, depending on the job descriptions, some of the vendor's team is physically present in Dover, DE.
24	Section 6.1 SYSTEM CODE & CURRENT TECHNICAL ARCHITECTURE, states that "The Department will make the current SYSTEM CODE of MVALS available to interested Proposers". Will the Technical Architecture, including the database schemas; also be made available once the NDA references in this section has been submitted?	We will be providing code, jcl, ADABAS schemas, etc. dumped from the Mainframe with the Sytstem Code of MVALS referenced in the Section VI. INFORMATION TECHNOLOGY STANDARDS AND POLICIES, Part 6.1 SYSTEM CODE & CURRENT TECHNICAL ARCHITECTURE portion of the RFP.

Q #	Question	Answer
25	Section Appendix E - INITIAL COST PROPOSALS, askes for firm fixed price pricing for the base solution. Does the Base Solution include both Phase 1 – Modernization AND Phase Two - Dealer Titling?	Yes, both phases.
26	Appendix E, by including the word "initial", implies that this pricing may be subsequently revised by the vendor. Will DDOT accept a firm fixed price for a discovery phase for the base solution, and initial estimated costs for the base solution; with firm fixed costs to be provided after the discovery phase for each of the RFP's Phase 1 and 2?	No, we will not accept estimated pricing based on discovery.
27	How would we be able to get a list of plan holders to contact for possible subcontracting opportunities?	There is no plan holders list available for this procurement.
28	What is the estimated cost of the Electronic Health Records project?	This question does not apply in any way to this procurement.
29	Has the Department allocated funding for the Electronic Health Records yet? If so, through which source (budget, CIP, state/federal grant etc)?	This question does not apply in any way to this procurement.
30	Which other systems will have to integrate or interface with the Electronic Health Records, and will the State provide incumbent vendors for each system?	This question does not apply in any way to this procurement.
31	Does the Department anticipate any professional or consulting services may be needed to accomplish this effort? (i.e. project planning/oversight, PM, QA, IV&V, staff augmentation, implementation services etc.)?	All efforts to be supplied by the selected team.
32	Which vendor completed part 1 replacement of Dealers and Financials (as it relates to Dealer transactions) and 2 (Titles and Registration)? If a vendor has not been selected for this yet, when does DDOT hope to do so?	Dealers and Dealer Financials has already been implemented. This RFP includes Title and Registration.

Q #	Question	Answer
33	Who is/will be the technical contact/project manager for this effort?	All communication should be sent to the dot.profservices@state.de.us mailbox. Any communications with other Department employees regarding this procurement may be grounds for removal from consideration.
34	Is there a registration process to be approved as a vendor for the state prior to submitting a proposal for this RFP?	No.
35	We are a Canadian-based firm, is this RFP restricted to US companies only, or does it fall under NAFTA eligibility?	It doesn't pertain, we are using the RFP process to have an open competition.
36	Are there restrictions as to where the code conversion can be completed? i.e. - Does all the work need to be done on-site, or is it possible for it to be done remotely from our facility in Canada?	Code conversion would be up to the vendor, however, the delivery, setup, implementation, etc. of the code would be done by the vendor. The project team would need to be onsite.
37	Can you provide the total lines of source code to be migrated and/or will the code be available for SYSTRANS analysis? Additionally, can you provide the number of applications that are COBOL based versus Natural/ADABAS?	That will be provided once the NDAs have been signed.
38	Do the Natural and Cobol applications access only Adabas? Or are other databases such as VSAM accessed, and if so, can you provide details?	There are very few that access VSAM.
39	It states that the level of Cyber Liability of insurance required will be at $100 million per occurrence based on the number of PII records being at level 6.
Can you confirm that number is correct?	The number is correct.
40	Is the State of Delaware willing to negotiate and put a cap / limitation on the Unlimited Liability clause listed in the RFP document?	No.

Q #	Question	Answer
41	Due to the complexity of the solution, we would like to respectfully request an extension on the due date, from Thursday, September 7th, 2017 at 2:00 P.M to Friday, October 13th, 2017.	We will be revising the due date to Thursday, October 12th 2017.
42	The above excerpt from the RFP refers to "Expressions of Interest due date" however there is no reference to this date in the RFP or in the Procurement schedule within the RFP.	The Expression of Interest and Proposal are the same document and should be considered interchangeable terms.
43	Other than submit the NDA it is not clear what needs to be done in order to comply with Expression of Interest.	The Expression of Interest and Proposal are the same document and should be considered interchangeable terms.
44	Our Firm has many strategic partnerships with the System Integrator community and we are interested to know if there are particular ones the State of Maryland prefers to work with for one reason or another?	We have no preference for system integrators.
45	Does the State have any specific Socio Economic goal(s) for this RFP?	No.
46	Would the State provide a list of DBE firms with an interest in participating as subconsultants on this project since the link provided does not work?	There is no bidder's list, or interested subconsultant list, available for this procurement.
47	Please advise us if we can directly submit a proposal to this same email ID.	No. All submittals are to be in hard copy as explained in the RFP.
48	Do we need to register as a supplier to submit proposal (if yes, the procedure)	No. Please review section VIII. Proposal Requirements.
49	Any specific formats to be used to submit response.	Please review section VIII. Proposal Requirements.
50	Any other procedure to be followed.	Please review the entire Request for Proposals as that document outlines the process and requirements in full.

Q #	Question	Answer
51	A contact name and number to have an initial discussion.	All communications regarding this procurement should be submitted in writing to dot.profservices@state.de.us as listed in the RFP. Any contact made with Department employees outside of that channel will be considered grounds for disqualification.
52	Is Adabas the only database used? Or DB2 is also used along with Adabas?	ADABAS only.
53	Is IMS/CICS used?	CICS is used to communicate to AAMVA via their UNI platform (CICS). This will need to be migrated to UNI webservices and/or to a UNI .NET platform
54	What version of COBOL/Natural/Adabas/DB2/CICS used?	This is found in in RFP under Current Technical Architecture
55	What version of Z/OS is being used?	This is found in in RFP under Current Technical Architecture
56	We will respectfully request the DelDOT to remove the mandatory requirement to have the prior DMV deployment experience.	Please refer to the answer to question #22: The RFP does not require changing. In the references section we are giving firms the availability to list projects of similar size, nature and complexity. The Rating Criteria will determine if the size, nature, and complexity of any listed projects in the References section will qualify as experience for this project".
57	Does the DelDOT prefers the code migration or can we propose an alternate solution?	If the alternate solution is the same level of risk to DMV and adds additional value, we would be interested.
58	Assuming that the DelDOT is open to a fresh solution, does the State have preference for a Microsoft, Oracle, and/or Hybrid solution?	No preference.
59	We understand that the DelDOT has recently modernized the IRP/IFTA system. What is the technology platform used for this modernization initiative? Will the new, modernized IRP/IFTA system provide Web Service APIs for the required integration?	All interfaces to MVALS will need to be analyzed and the appropriate soultuions implemented. IRP/IFTA utilizes web services.

Q #	Question	Answer
60	What is the current size of the transaction data (number of objects/tables, average number of fields per table, total number of records per object, total number of attachments, total data and attachments size in MB)?	This information can be analyzed/reviewed by the file/program code provided.
61	What is the total transaction volume? Can the DelDOT provide additional details on the type of transactions, transaction channels (walk-in, portal, e-mail, call, kiosks, chat, mobile and social) and transaction volume per channel?	Rough Estimate (looking at large transaction areas. Does not include all interfaces): • DL / ID transactions (front-counter, backroom, Kiosk, Web, ARTS ☐MVALS): 1,500 per day • Broker/RPC traffic (MVALS ☐ UNI, DelJIS Warrant, etc.): 30,000 per day
62	Will all of the existing data be migrated? Has any analysis been completed regarding duplicates, non-standard VINs, etc.? Has there been any work completed to mitigate known data issues?	Yes all data will be migrated and there is an opportunity to cleanse the data. However, it is not a requirement but it may make sense to do so depending on the outcome.
63	Would the DelDOT provide the cleansed data for the data import or is the data cleansing part of the scope of work?	This would have to be evaluated during the discovery phase.
64	Can we assume that the DelDOT will continue to use Lexmark utility for generating forms and require integration to the new system? If not, may we propose another form generator solution option?	This has not yet been reviewed but we are open to additional solutions if it is equal or less risk and provides more value.
65	What is the total number of external data sources integrated with the current system, MVALS? Would you please provide the additional details on these external systems and the type of integrations (bi-directional, real-time, batch-mode, etc.)?	This information can be analyzed/reviewed by the file/program code provided. There are few web services, ftp, but most are batch. Any ideas/thoughts on how to handle this would be evaluated as part of your proposal. Please refer to Apendix A attachment for a high level graphical representation.
66	In order to minimize and eliminate any business interruption, our proposed solution would be deployed in a phased tandem fashion.	OK…any implementation would have to be reviewed and approved by DMV.

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67	Our solution can be configured to mimic the current user interface or use the out-of-the-box modern User Interface constructs. Would the DelDOT be open to this process?	Current user interface, unless the modern User Interface constructs requires minimal change management/training as does the current user interface.
68	How many dealers will be using the solution?	Could be up to 800.
69	Does the DelDOT have any timelines to complete the Phase 1 and Phase 2?	Please refer to the answers to questions 16 & 17.
70	What is the allocated budget (implementation, software licenses, post production support and maintenance) for the implementation of the solution?	We are still determining the budget.
71	How many full-time staff are assigned to the project from the DelDOT? May we request the technical background of the IT staff who would be assigned to the project?	A project team has not been identified. The established team will be the result of the vendor's requirement and/or the proposed solution.
72	What are your key requirements for phase two (Dealer Titling)?	As stated in the RFP, provide the ability for the Dealer to submit their own title work.
73	How many subject area/business process will be covered and what are they?	This will need to be determined by the vendor during the discovery phase.
74	What has been a roadblock with Dealer Titling application today and what do you see as an opportunity for additional value that is not available today?	The Titling process is very business rule based intensive and it is only on the mainframe.
75	What current reporting/analytics tools are being utilized by your users today?	Mainframe built reports.

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76	Which reports/dashboard do you currently use from existing system? What data on the report is important? How do you use the information?	There are hundreds of reports produced from the mainframe, utilized by all areas of DMV. This will need to be determined during the discovery phase.
77	What key information is required to make or support the decisions you make in the process of achieving your goals and overcoming obstacles? How do you get this information today?	There are hundreds of reports produced from the mainframe, utilized by all areas of DMV. This will need to be determined during the discovery phase.
78	Will the Delaware DOT be providing any budgetary parameters?	No.
79	For the database migration, does historical data need to be converted? If so, what is the expected volume and what type of media do these backups reside on?	Yes, all data that currently resides on the mainframe ADABAS files will need to be converted.
80	The RFP states that test scripts can be created and captured. Will Delaware DOT provide these test scripts to the vendor to use for testing?	No, the expectation is that the vendor would provide test scripts based on their solution.
81	Does Delaware DMV have a preference between a Java vs. a .NET solution?	No.
82	For Phase 2 Dealer Titling, the first step is to conduct a requirements analysis. Until the requirements are documented, it is not feasible to provide a fixed price cost for completing Phase 2. What are expectations concerning providing costing information for Phase 2?	That there is a fixed price for Phase 2. The solution provided in Phase 1 should be the catalyst of developing a web front end for Dealers to process their own title work.
83	What budget has been set for the vendor providing the solution?	We do not have the budget determined.

Q #	Question	Answer
84	Is there any restriction from using resources from Canada or offshore? If so, is that restriction related to data access only, meaning that they could still participate in software conversion activities?	The expectation is that there is a PM and technical team that is part of the Modernization project team, with an empasis that, depending on the job descriptions, some of the vendor's team is physically present in Dover, DE while others are not. The actual Code conversion location would be up to the vendor, however, the requirements gathering, training, delivery, setup, implementation, etc of the code/database/application would be done by the
85	Is the selected vendor free to determine the amount of time that the Project Manager spends onsite at Delaware DMV vs at the vendors facilities, as they will need to spend some of their time at the vendors facility working with the project team?	This will be determined jointly based on the vendor's solution.
86	The warranty period is stated as a minimum of 6 months in one section and 18 months in another section. We would expect that a minimum of 6 months is required, is this correct?	We would not consider anything less than 6 months. The actual warranty period can be negotiated during contract negotiations.
87	Will Delaware DMV provide a complete set of test data that the vendor can use for testing?	No, this will be the requirement of the vendor.
88	During the project, will the selected vendor have access to the application Subject Matter Experts?	Yes.
89	Can the vendor expense travel expenses on a time and materials basis?	No.
90	What is the Current Ongoing COST of the legacy platform and expected Yearly saving after MVALS has been migrated to the new platform?	It will depend on the solution selected.
91	What is the type of interface technology used to interface with IRP and IFTA (e.g. Web Service, SOA, FTP files, MQ, Gateways)?	Web services.

Q #	Question	Answer
92	Vendor assumed that data will be migrated as is and no data cleansing is in scope except if it prevents migration of data from old to new RDMS. In this case, DOT will provide Conversion rules for such data cleanup, is this statement above an accurate assumption?	Yes.
93	Can the DOT explain in summary this type of interface, such as FTP, direct feed PUSH or direct capture PULL from MQ or Folder.	I don't understand. What type of interface?
94	How many External Data files/Feed is being created or received to support interface with external partners?	Web services, mainframe batch, ftp, etc.
95	Does the DOT have any test script already or System documentation to help capture MVALS's functionality?	No.
96	Is there any Testing Software being used by the DOT on Mainframe or new platform?	No.
97	Does the DOT uses any Defect tracking software at the moment? If not, would the DOT accept to leverage a proposed Vendor's defect tracking software such as JIRA to manage Issues and defects throughout the project?	We would utilize SharePoint to track issues
98	Can the DOT provide the current batch job scheduler and if they have a preference to the new job scheduler on the new platform?	I don't know if that is feasible. We did provide listings of the JCL.
99	Does the DOT uses any Enterprise Output management to handle report and files distribution and or storage?	When reports are created on the mainframe, they are added to a solution called Document Direct. Each user who has access into Document Direct can get to the reports they are set up to view. There are some reports and files added to the sftp folders for external users to get to as well.

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100	For Production and sensitive Data, this is not a problem. If the DOT does not have current test data, would you be ok for the Vendor to provide a strategy to generate test data or scrambling of prod data to become totally anonymized?	Yes.
101	Section 5.1.10 Since the main goal of phase one is to not disturb the screen layout and code logic (move as-is from mainframe to new platform), can you clarify the need for all the screen design and layout documents listed as the expectation is that all new Web page/Screen should be identical to the original MVALS screen layout to avoid any disruptions of business logic and processing?	Identical in order to minimize training/change management.
102	Can the DOT clarify the scope of work they expect on the vendor's part related to disaster recovery? Such as, should the vendor execute full DR testing using the new Application?	This can be reviewed/discussed during contract negotiations.
103	Backup Failure, seems to indicate a warranty of the Infrastructure as well. Can the DOT confirm they expect the vendor to also operate and warranty the infrastructure and hardware?	No, the expectation is that the vendor would be instrumental in providing DelDOT infrastructure/hardware requirements based on their solution.
104	How many user are to be trained? Can they all be at the same place or would the training strategy includes traveling to field offices?	Over 300 and over multiple locations across Delaware.
105	I have attempted to access the sub consultant information at the link provided, but cannot get any information. If you can provide me with any addition contact information for companies that might need a VB .net programmer, please do that even though I have briefly reviewed the solicitation and see that C+ and C .net are the tools being sought.	There is no bidder's list, or interested subconsultant list, available for this procurement. Our DBE firm information can be found here: http://www.deldot.gov/Business/dbe/index.shtml
106	What is your preferred start date for the migration project? (Note, in particular, any external factors affecting this timing such as budgeting cycles or other project interfaces).	There are no external factors affecting the timing. The expectation is once contracts are signed, that project will start.

Q #	Question	Answer
107	What is the preferred completion date for your migration project? (Note, in particular, whether this date is tied to a significant non-negotiable event such as the renewal of your current software licenses, data center re-location etc).	There are no external factors affecting the date. The expectation is that the project will be completed based on an agreed upon completion date.
108	Are there any budgeting cycle timing requirements proponents should be aware of to ensure you meet your internal deadlines.	None.
109	Would you be interested in proponent financing or cash flow assistance in the timing of payment obligations to match the cost savings expected from not having to renew current software licenses?	No.
110	Is a non-confidential Adabas test database available? Can this be installed in a dedicated-to-the vendor test region? Can this environment be made accessible for remote operation via VPN?	A non-confidential ADABAS test database is not available currently and would not be available for installation outside of the state.
111	Are any test plans or scripts available? Batch and online with reference results?	This will be the responsibility of the vendor to provide.
112	Would an alternate proposal to deploy the application as Java/DB2 on zOS using the IBM JZOS utilities and a zIIIP or z-Linux processor be acceptable if it were lower cost and equivalent performance? If yes, please amend the RFP to allow this and address the following questions: a. Does the state have WAS installed in the zOS environment? b. Does the state have a zIIP/zAAP speciality processor installed. c. Does the state have a zLinux environment? An alternative Linux environment?	No, our goal is to move off of the mainframe.

Q #	Question	Answer
113	Is the requirement for up to 3 DMV references in Article 8.4.5 a mandatory requirement which will disqualify proponents form further consideration or a scoring factor to be considered by the state during proposal evaluations? For example, we have completed multiple Natural/Adabas/DB2 migrations to Java/EGL/zOS/Windows/Linux/RDBMS platforms but none of these were DMV applications - although they were of equivalent scale and complexity. Would these references satisfy the requirement if they were otherwise acceptable? Further our solution preserves the architecture, coding, screen presentations and business rules of the existing application. As a consequence it is our experience that the application functionality is not as critical to success as your requirement suggests but rather is strongly dependent on the quality of the converted code.	No, it is not a mandatory requirement, it will factor into proposal evaluations.
114	The RFP mentions that a company must have past performance with DMV modernization project. Now we are open to teaming up with another company,so we clicked the link below for the firms with an interest in participating as sub-consultants, but the link didn't work. Is there a way to see that list? Also is there a way for my company to get on that list?	There is no requirement of past performance with DMV modernization projects, although that will be taken into consideration during proposal evaluation. There is no bidder's list, or interested subconsultant list, available for this procurement.
115	Are you able to share COBOL files also (or) LOC information on COBOL code (online and batch) used by DMV	The COBOL code is strictly for AAMVA's UNI application. This application will not be "rewritten" but a new platform (.NET and/or web services) will need to be utilized.
116	There was a mention on deadline extension for submission of responses, is the deadline finalized?	Per ADDENDUM 1 – August 14, 2017, Proposals Due by Thursday, October 12th 2017.
117	Our analysis of the provided source code files revealed that JCL, PROC and COBOL programs were not provided. These components are very integral to providing us with a complete understanding of the application and to be able to estimate our effort accurately. We kindly request that you provide us with these components as	JCL and Procs have been made available.

Q #	Question	Answer
118	We are a firm specializing in IT application refactoring. This is our single specialty. Would the State consider a bid for only Part 1 of the project?	Both Phases are required for bid.
119	Section 5.5: The RFP states "Development and Delivery of necessary GIS Interfaces as needed". Please confirm whether the needed GIS interfaces are already incorporated in the legacy MVALS code or if DMV expects new GIS interface(s). If DMV anticipates new GIS interfaces are required, please specify the number and type of needed GIS interfaces.	The current system does not have any GIS interfaces.
120	"For Phase One, in section 5.1.10 the RFP states "The Contractor must provide a Technical Design Document detailing Phase One of the project" and "the Technical Design Document must include….system component listing and description interface design, screen layouts, screen functions and field edits, procedural design such as Use Cases include processing specification, special conditions/exception processing, and outputs". Does the Department's legacy system documentation include these specifications? 2) If not, please confirm whether these Phase One technical specifications must be prepared by a Contractor whose tools provide automated migration of the legacy application to the new application tool set. The production of these specifications would require reverse engineering of the new MVALS application unless DMV already has these specifications for the legacy MVALS application that can be leveraged by the Contractor.	There should be a technical design document reflecting the total refactored environment, including some of the items referenced in the RFP.
121	Section 8.4.6: The RFP states "The Proposer must provide a narrative of their proposed solution….including Overall system description and major system components". If proposers are proposing the use of proven tools to refactor the existing MVALS application, please confirm that a description of these tools, components and the processes for using these tools and components to provide the new MVALS system meets this requirement.	It is the latter: "If proposers are proposing the use of proven tools to refactor the existing MVALS application, please confirm that a description of these tools, components and the processes for using these tools and components to provide the new MVALS system meets this requirement."
122	Section 5.1.12 Phase One - Security: Which component in MVALS contains FTI information/data?	Driver's License and Titling.

Q #	Question	Answer
123	Section 5.1.12 Phase One - Security - 5.1.12.1: In which Active Directory does the user population exist? Is it in Department of Transport's AD or State/DTI AD?	State AD.
124	Section 5.1.12 Phase One - Security - 5.1.12.2: For internal security, would you also like to see the MVALS solution protected using DTI SSO (Identity Access Management) or just using AD authentication and AD groups for authorization?	AD authentication.
125	Section 5.1.12 Phase One - Security - 5.1.12.2: What is the user population for the new MVALS solutions? What are the user population types? How many internal vs external users?	About 300 – 400 roughly. There are very few external users from other State Agencies. Details can be determined during Discovery phase.
126	Section 5.1.12 Phase One - Security - 5.1.12.2: For external access protection using DTI SSO solution, is the contractor expected to work with DTI SSO resource to implement the SSO and facilitate user migration? Or do you expect the contractor to design and implement/configure the DTI SSO policy?	We will not be using DTI SSO. External access exists for a very few State Agencies and we will utilize Active Directory for those entities.
127	Section 5.1.12 Phase One - Security - 5.1.12.2: What types of users comprise the external users? (contractors, partners, etc.)?	Other state agencies.
128	Section 5.1.13.3: (1) As part of the Disaster Recovery Strategy, does the Department also have data replicated across redundant storage devices? If no, our assumption is that such data will need to be migrated to Oracle/SQL Server too? Please confirm. (2) Our assumption is that Disaster Recovery testing will also be part of scope. Please confirm	It will be a requirement for real time recovery. Testing will be part of the scope.
129	Section 5.1.14.1: The Department has indicated an interest in iterative customer rollout. Is this a requirement? Can the department clarify?	This will need to be discussed. The goal is to minimize risk associated with implementation.
130	Section 5.1.3: Please provide details about the current Lexmark utility DMV uses for form generation.	We are open to additional solutions if it is equal or less risk and provides more value.

Q #	Question	Answer
131	Section 5.1.7.2: The RFP requires vendors to "Provide technical support to resolve issues related to the implementation or operation of the resulting migrated system". What is the duration (months or years) of technical support that needs to be provided a vendor's proposal?	This will be reviewed and negotiated during contract negotiations.
132	Section 5.1.7.2: Please clarify the level of Technical Support the vendor is required to provide. For example, will the DMV be providing Level 1 (initial support level for basic issues) and the vendor will be providing support for Level 2 and 3 issues?	There are two areas of support: MVALS, which will be reviewed and analyzed based on the solution and the solution infrastructure/middleware, which will also be reviewed and analyzed based on the solution.
133	Section 5.1.7.4: What is the current volume of help desk tickets for the MVALS systems that will be modernized?	About 60/month, which would could be hardware, user issues, or MVALS.
134	Section 5.1.8.4: The RFP states that "Office space, desks and other furniture, adequate computer resources, telephone and facsimile service, copying, and other normal office equipment which may be necessary in connection with the Contractor's performance of the services working at the Department's site." Will the State also be providing Wi-Fi/Internet connection?	The requirements will need to be reviewed and approved by DTI.
135	Section 5.2: Please clarify the DMV's definition of "Dealer Titling" by providing business processes or expected transactions that must be delivered with Phase 2. Please confirm Dealer Titling is limited to dealer processing of title application and registration transactions on behalf of customers who purchase vehicles from the dealer.	Yes correct: *Please confirm Dealer Titling is limited to dealer processing of title application and registration transactions on behalf of customers who purchase vehicles from the dealer.*
136	Section 5.2.6: Does the Department have any documented test cases/scenarios?	They have been created over the years based on the application upgrades and use cases. However, these most likely will need to be created for this project.

Q #	Question	Answer
137	Section 5.7: The RFP states that "Delivery of a Software Bill of Material to be maintained if open source components are incorporated into the solution." Will the State be responsible for procuring all hardware/software?	This will depend on the software requirements during the actual project and post implementation.
138	Section 5.9: Will the DMV be responsible for performing system backups? Backup failure is included in the scope of the Warranty section, but we'd appreciate clarification on who will be responsible for running the backups.	Backup to software libraries and data will be the responsibility of the State.
139	Section 5.9: Will the vendor be responsible for providing an incident management tool for managing post implementation support and warranty issues or will we leverage existing tools? If so, please specify if the DMV has a preference for the tool to be used. If we are leveraging the existing tools, what product is used for Incident Management and Ticketing?	Post implementation support is accomplished using Service Now.
140	Section 8.4.10: How many copies of the Initial Pricing forms should be included in the pricing portion of a vendor's proposal?	Single copy in a separate sealed envelope as directed in section 8.4.10 of the RFP.
141	Section II Questions/Contact: The RFP states that "In order to ensure a timely response, questions must be submitted at least ten (10) business days before the Expressions of Interest due date." However, in the Procurement Schedule (Section VII) there is no date listed for the Expression of Interest. Is an Expression of Interest required for this RFP? If so, what is the due date? Or does Expression of Interest refer to proposal submittal?	Expression of Interest and Proposal are interchcangable terms.
142	Section 1. Project Information: Please confirm the scope of the MVALS Modernization Project is to modernize the entire legacy MVALS system rather than just the Vehicle functionality. Some references in the RFQ refer to the Motor Vehicle System and these references do not specify Driver Licensing.	It is to modernize the entire DMV portfolio that is found on the mainframe, which Vehicle functionality and Driver functionality is part of.

Q #	Question	Answer
143	On page 9 reference is made to web browsers specified in 3.2.2.1. (?) However 5.1.9.1 refers to web browsers - please clarify.	• MS Internet Explorer version 11 or above. • Google Chrome version 46 or above.
144	Given that the code conversion process will provide identical functionality to current MVALS application it is unclear why will it be necessary to re document processing specifications & special conditions/exception processing. Please clarify.	There should be a technical design document reflecting the total refactored environment, including some of the items referenced in the RFP.
145	We plan to provide you a sample converted application. Would DELDOT be open to receive an URL of the sample that they can navigate and test with dummy data?	Yes.
146	We have a compelling proven solution to support this solicitation, however, we became aware of this opportunity post release. Due to the complexity and time necessary to optimally develop a response that best serves the needs of the citizens of Delaware and all agency stakeholders, we respectfully request a four (4) week extension. Would you please grant this additional time?	~~Yes.~~ The bid due date is October 12, 2017
147	The RFP states that terms are nonnegotiable. We believe that such a firm stance may severely limit the ability to obtain qualified vendors as a mutually beneficial contract cannot be obtained without negotiations. Would you please reconsider – particularly around limitation of liability and cyber liability insurance levels?	The RFP does not state all terms are nonnegotiable. Terms listed in Appendix B are state-wide requirements. The Department cannot waive these requirements without concurrence from DTI. These types of issues can be discussed during negotiations.

Q #	Question	Answer
148	In Project Information, government wants to reduce on-going costs. a. What is the current on-going labor and non-labor average monthly IT costs? b. What is the desired decrease in on-going costs? c. What is the timeline to realize these savings? d. Who are the vendors with contracts with the government related to the DMV current system's involved with the labor and non-labor on-going costs today? - service vendors helping to support and enhance the existing system - product vendors helping to support and upgrade the hardware, software and network infrastructure including third party COTS products across the development, testing, stage, training, and production environments e. What are the expiration dates of the current contracts with these vendors? f. What are the penalties or other contractual clauses that are meaningful for early termination of current labor and non-labor contracts (the latter for hardware and software maintenance agreements)? g. What are the current initiatives beyond sustainment services of the as-is environment that are in-flight or near-term planned relevant to this DMV modernization initiative? (e.g. new functionality, new/upgraded hardware, software)	Savings should be recongnized by: 1) Faster delivery of enhancements/updates utilizing the new software platform 2) Eliminating Mainframe and ADABAS licensing fees and pass through costs.
149	In the Background, government has 911,000 vehicles and 700,000 licensed drivers approximately. The RFP advocates a custom solution. There are a number of DMV COTS solution in the market place. What does DE want to do, custom or COTS? Why?	Refactoring of the current MVALS application is the requirement. This is the lowest risk option in order to migrate off the mainframe.

Q #	Question	Answer
150	Stakeholders a. How many of these stakeholders by source exist today (i.e. number of users) b. RE: Manual and Automated Interfaces with: - Federal Government - Other State Governments - Other DE Agencies (e.g. Fuel Tax Revenue) - Municipalities - Businesses - Other Organizations	This would need to be analyzed during the Discovery Phase of the project.
151	Security - Are there any application security products that other parts of the DE gov't using today that would be good to leverage on this project?	AD authentication would be the preference.
152	What are the current 3rd party tools used today to do reporting? - On the mainframe - Via data warehouses - Via end user production data base access and query	The state utilizes a software package from Treehouse that replicates data realtime to a backend MS SQL Server. SQL queries are used to retrieve the information.
153	Infrastructure - Who is responsible for buying/installing the infrastructure for the new system? (i.e. should vendor submit pricing for infrastructure products and services)	This will need to be reviewed and understood. Hardware architecture would be the responsibility of the State. Middleware pricing for a given solution would need to be understood and analyzed.
154	Dealer Titling – Phase 2 – is an enhancement for the new DMV system and not a feature of the existing system. a. How many dealers are in DE today and how may this total change in 2018? b. How well are the requirements documented? c. Should dealer roll-out and ongoing support be part of vendor pricing?	a. 800 and not a tremendous increase in 2018 b. Detailed requirements will need to be developed during Discovery c. Initial implementation will be part of the project. Some type of warranty should be provided.
155	Training - How many people (functional/technical) need to be trained by the vendor?	300 - 400.

Q #	Question	Answer
156	We requested the documentation for the DOT_171833DMVMod_add1 RFP. In response to that request we were provided the 5 below files as part of email "1833 Additional Information –" : o MVALS ADAREP.txt o MVALS DDM.txt o MVALS FDT.txt o MVALS Natural.txt o Current Technical Architecture.pdf (Documentation) The 4 source files provide us full description of Natural code and Adabas database. In the RFP we find references to some Cobol code and in the Technical Architecture documentation the following: Few modules written in COBOL and CICS (specifically the interface to AAMVA's UNI platform) We wanted to confirm with you that no Cobol code would be provided.	Yes.
157	In 5.1.11.1.1 there is reference to COBOL components. In the code received there were no COBOL components. Could the state please supply the relevant COBOL components or alternatively provide the following information - number of programs online and number of programs batch, lines of code, if Adabas is accessed what is the method of access - Adasql, Adarep, direct commands or other?	The COBOL code is strictly for AAMVA's UNI application. This application will not be "rewritten" but a new platform (.NET and/or web services) will need to be utilized.
158	We assume there will be JCL to convert to the target environment. Could the State give an indication of the number of JCL lines that will be converted?	The JCL and Procs have been provided.
159	Based on analysis of code received there are programs calling a missing external QCICS. Could you please provide some information on QCICS functionality?	Any CICS activity is strictly for AAMVA's UNI application. This application will not be "rewritten" but a new platform (.NET and/or web services) will need to be utilized.

Q #	Question	Answer
160	provided. We rechecked the information received via 'switch web access' sent to us and no JCL listings were received. Could you please give us an indication of number of JCL statements to be converted?	The JCL and Procs have been provided on 9/22/17.
161	In your responses there is mention to Broker. Does this refer to Entire Broker. How many calls are there between Natural and external systems using Broker?	Entire X and Broker. Analysis of the provided code should provide you the number of calls. That is not currently readily available.
162	Is it the intention of DelDOT to convert these files from EBCDIC to ASCII ?	Yes and from ADABAS to SQL Server or ORACLE.
163	How many flat files are generated by MVALS ?	There are many. These will need to determined during Discovery.
164	What is the project expected start date?	An agreed upon start date would start soon after the completion of the contract signature.
165	Do you have JCL code that is not included in the Natural extract? If so, can you provide an extraction of that code?	JCL has been provided.
166	In paragraph 5.1.5 it is stated that Test Scripts can be created and captured through normal daily use of the implemented system for future testing use. In question 80 – it is stated that the vendor will provide test scripts based on their solution. In paragraph 5.1.11.1.2 it is stated that the Contractor shall perform testing of the delivered system (migrated code and database) that demonstrates features that are functionally equivalent to the current MVALS capabilities Can vendor have access to legacy test environment for the duration of the project to capture legacy test cases and test data to be used for testing functional equivalence by the conversion team? For instance we use video screen capture to record green screen test cases. Will State be willing to show normal daily use of the implemented system on this environment so that it can be captured by video?	This will need to be understood by the State. Recording actual production test cases is a definite possibility depending on the approach and the process.

Q #	Question	Answer
167	Can we transfer the test scripts and test data captured on the legacy environment to the code conversion team environment? The conversion team environment is based in the US. Alternative, can the project team based in the US have remote access to test data to test the modernized system?	The details will need to be understood by the State. Secure data would not be allowed to be migrated away from the State environment.
168	With the modernization of system, DE would have to undergo the structured test for all AAMVA interfaces. Has the DE DMV determined what version of the AAMVA specifications they plan to be in compliance with, and whether the current system, if converted as-is, would comply with this version of AAMVA specifications?	There has not been any determination of the UNI platform that would be utilized, i.e. .NET and/or webservices.
169	Can DE provide a list of the MVALS interfaces, and whether the data is consumed by MVALS or generated by MVALS for each interface, and type of interface (batch; Flat file; Messaging; Web service; Others)?	This should be available via the code that has been provided. Any additional details associated with any or all interfaces will need to be determined during Discovery.
170	5.1.7.2: How long is this technical support?	This will need to be negotiated.
171	5.1.7.4: When will the SLA be developed	During contract negotiations.
172	5.5 Can we get a list of the GIS interfaces?	There are none.
173	5.9 DE is hosting the environments and providing DR; what other service (i.e., BUP, system administration) will DE be offering? Will DE provide contractor with full access to the DE data center and hosted environments?	Access requirements will need to be understood by DelDOT and then approved by DTI.
174	Please provide an estimate of the number of components that need to be converted, re-platformed, re-engineered, or migrated. We don't need line counts. Database Components: Adabas Databases, Adabas FDTs, DB2 Databases, DB2 Tables, VSAM Files, VSAM Multi-View Files: (VSAM files that contain a "record type" field and different layouts based on that record type)	The actual Natural CODE, JCL, etc have been provided.

Q #	Question	Answer
175	Please provide an estimate of the number of components that need to be converted, re-platformed, re-engineered, or migrated. We don't need line counts. Database-specific Languages: Natural Programs, Natural Subprograms, Natural Subroutines, Natural Help Routines, Natural Maps, Report Mode Modules, Natural Programs	The actual Natural CODE, JCL, etc have been provided.
176	Please provide an estimate of the number of components that need to be converted, re-platformed, re-engineered, or migrated. We don't need line counts. Traditional Languages: CICS COBOL Programs, BMS Maps:The number of unique screens used in CICS, COBOL Programs:Other COBOL programs that are not CICS, Assembler Programs	The COBOL code is strictly for AAMVA's UNI application. This application will not be "rewritten" but a new platform (.NET and/or web services) will need to be utilized.
177	Please provide an estimate of the number of components that need to be converted, re-platformed, re-engineered, or migrated. We don't need line counts. Batch Streams and Script: JCL Streams, PROC Streams	The actual Natural CODE, JCL, etc have been provided.
178	Please provide an estimate of the number of components that need to be converted, re-platformed, re-engineered, or migrated. We don't need line counts. Other Languages: SAS Routines, EASYTRIEVE Routines, CLIST Routines, REXX Routines, Other Language (stated)	There are none.
179	Please share any additional information that makes your code base or processing environment special, unique or complex:	We have provided all Natural CODE and ADABAS file structures.
180	Does Delaware DOT have a fully functional test environment for the MVALS application on the mainframe?	Yes.
181	It is stated in the RFP that "Test Scripts can be created and captured through normal daily use of the implemented system for future testing use." Is it that "normal daily use" exercises all aspects of the MVALS application?	Yes.
182	Are there any requirements documents for MVALS?	No. It is a old, legacy application.

Q #	Question	Answer
183	There are a significant number of references in the supplied source code (i.e. SYSOBJH for library MVYMVALS) to missing modules. These modules may be present in the SYSTEM or other related STEPLIB libraries. Can these/any related libraries be supplied in SYSOBJH format?	No, we do not have access to that information. If it is required, it will need to be requested through DTI during Discovery.
184	The provided source does not contain the Cobol modules. Is it possible to provide this source code or at a minimum specify their quantity, sizing and functionality – particularly whether they are online or batch?	The COBOL code is strictly for AAMVA's UNI application. This application will not be "rewritten" but a new platform (.NET and/or web services) will need to be utilized.
185	Can you provide an index of available documentation such as user guides, training materials etc?	There are some SOPs and documentation, but it is not complete.
186	Is it possible for the state to provide copies of this documentation?	We can provide it during Discovery, but it will not be complete.
187	Are their non-Adabas mainframe based datasets/files that need to be migrated to the new environment? If yes please provide sizing metrics.	There are many datasets/interfaces that will need to be evaluated during Discovery. There should be some understanding based on the Natural Code, JCL, etc. provided.
188	Can DelDOT provide all IDL in use?	Entire X and Broker is mostly used.
189	Can Del DOT provide a document of the use cases of Broker – who are the players and what Broker calls does each player make?	An understanding of this should be analyzed from the Natural Code provided.
190	Can DelDOT indicate which technologies each Broker partner is using and whether or not they are in a position to replace Broker with something else	This will need to reviewed and anlyzed during Discovery. DelDOT's preference is to migrate any pure Broker calls to Web Services.
191	Can we assume that Entire Broker will be replaced ?	Yes, it is a Mainframe based product.
192	If answer to above is yes does DelDOT have a preference to the kind of broker that will replace Entire Broker ?	No.

Q #	Question	Answer
193	If answer to above is yes please indicate type of broker DelDOT deems acceptable to use: a.) Directly invoking the migrated code i.e. eliminate the network step altogether. b.) Package subprograms as EJBs c.) Web Services d.) MQ or MSMQ or other RPC mechanism such as CORBA or Java RMI e.) Keep Software AG Broker f.) Use proprietary high performance TCP/IP remote procedure call	N/A
194	What is the number of COBOL programs that need to be converted?	The COBOL code is strictly for AAMVA's UNI application. This application will not be "rewritten" but a new platform (.NET and/or web services) will need to be utilized.