

ADDENDUM ONE

Date: 10/17/13

To: All Bidders

From: Bill Wehling, Engineer VII
Nebraska Department of Roads

RE: Questions and Answers for Request for Information Number 130901
to be opened November 4th, 2013 at 9:30 am CST.

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

Questions	Answers
<p>1. Paragraph #4 of the Request For Information Form states, in part, "Bidder should submit one (1) original and <i>one (6)</i> copies of the entire RFI response. Please clarify the number of RFI copies that are being requested by the State (i.e. "one vs. 6").</p>	<p>Since the submittal is electronic only one copy is necessary.</p>
<p>2. Please clarify this apparent conflict in terms of what deliverable(s) the State is expecting to receive as a result of this RFI: <i>"No electronic, e-mail, fax, voice, or telephone information will be accepted"</i> as vs. <i>"To facilitate the response review process, one electronic copy of the entire RFI response should be submitted, preferably in PDF format. RFI responses must be submitted by the RFI due date and time. RFI responses must be submitted to Bill.Wehling@nebraska.gov with the RFI number included in the subject line."</i></p>	<p>Submittal should be done in electronic format and preferably in PDF format. As stated in Question 1 only one copy is necessary.</p>
<p>3. Can you summarize what multiple mainframe systems/applications consisting of approximately 1500 CICS programs, 1500 BMS maps, 1500 COBOL batch programs, related 1500 procs, related 1500 JCL are currently being used for and do you envision a need for all of these programs being converted if you modernized through an Enterprise Management System?</p>	<p>The systems are basically financial systems including payroll, highway inventory systems, highway safety systems and project scheduling systems. We do see a need for all of these applications. We do anticipate a need to enhance a number of these applications once the migration effort is completed.</p>

Questions	Answers
4. What is the State's expected timeframe for project completion?	On Page 10 of the RFI under the heading of Schedule and Cost, we are asking that you provide a timeframe for whatever solution or solutions you feel would meet our requirements outlined in the RFI.
5. What is the size, scope, and function of the programs that are planned for conversion?	The average size of each program is approximately 10,000 lines of code which includes documentation within the code. The functions are the same as described in Question 3.
6. Will a data dictionary including Primary and Foreign keys be provided?	This would be provided if an RFP is executed. The vendor(s) will be required to submit a non-disclosure agreement as well as part of an RFP.
7. Is there any documentation as to which programs access what data (i.e. Table/Fields being accessed by each particular program)?	Yes and it will be provided if an RFP is executed. The vendor(s) will be required to submit a non-disclosure agreement as well as part of an RFP.
8. What version of DB2 is the State currently using and what version of SQL is the State moving to?	The mainframe version of DB2 is version 10 and the version of SQL is 2012.
9. How many lines of code are in all of these programs?	There are approximately 30,000,000 lines of code including documentation within the code.
10. What are the applications and dependencies of NDOR's DB2 and COBOL data files?	The majority of the programs interact with each other on multiple and varied levels.
11. Can NDOR provide additional detail on items referenced in Section D "System Overview" such as a list of the applications and associated requirements/functionality of each application that needs to be migrated? Relevant metrics such as: primary purposes of each application, nature of the data, number of users, number of transactions, number of user interface screens, number of reports, system interfaces to other systems.	This would be provided if an RFP is executed. The vendor(s) will be required to submit a non-disclosure agreement as well as part of an RFP.
12. Is NDOR willing to accommodate new application data structures for targeted applications?	The purpose of this RFI is described in the first paragraph of page 6 under the heading of "Purpose and Background". We are interested in any and all suggestions.
13. Is NDOR willing to implement an Oracle database solution vs. MSSQL?	No.

Questions	Answers
<p>14. Can NDOR provide a prioritized list of applications and associated data sets that they would like to migrate?</p>	<p>This would be provided if an RFP is executed. The vendor(s) will be required to submit a non-disclosure agreement as well as part of an RFP.</p>
<p>15. What is the nature of the approximately 3000 CICS and COBOL programs:</p> <ul style="list-style-type: none"> a. Are they simple apps used to generate a single report b. Are they complex apps with significant end user interaction and menu systems? c. Are they all focused on roadway data, or do they involve business data, project data? d. Are some of them business operations focused (like a time card system)? 	<p>Yes to all questions.</p>
<p>16. What is the complexity of the applications? Is an approximate estimate of the thousands of lines of code (KLOC) encompassed in the apps available?</p>	<p>Complexity ranges from simple report programs to multiple table CRUD programs. As stated in the response to question 9, 30,000 KLOC.</p>
<p>17. Does the State intend to migrate the applications as is (essentially re-host them to a Windows platform, with same functionality and look and feel), or will the applications be modernized as part of the migration process (ex, update User interface to take advantage of graphical capabilities)?</p>	<p>The purpose of this RFI is described in the first paragraph of page 6 under the heading of "Purpose and Background". We are interested in any and all suggestions.</p>
<p>18. Does the State intend to migrate the applications en masse, or will the migration project be broken into a number of subprojects focused on groups of applications that support a particular area of functionality (ex, a sub-project to migrate roadway information and applications)? If the State intends to migrate by groupings of functionality, what are some of the major functionality groupings involved?</p>	<p>The purpose of this RFI is described in the first paragraph of page 6 under the heading of "Purpose and Background". We are interested in any and all suggestions.</p>
<p>19. For a particular functionality area will the State consider migrating the data from the mainframe, but not the applications, and instead re-hosting the data into an existing, modern system that meets the state's environment requirements? As an example only, instead of re-hosting a time card system from the mainframe to Windows, purchase and implement a time card system running on Windows and re-host the time card data from the Mainframe to the Windows based system.</p>	<p>The purpose of this RFI is described in the first paragraph of page 6 under the heading of "Purpose and Background". We are interested in any and all suggestions.</p>

Questions	Answers
<p>20. What is the nature of the data in the DB2 database? Is it solely data regarding roadway information? Does it involve other data unrelated to roadway information? If so, what are some examples of the types of data involved?</p>	<p>The systems are basically financial systems including payroll, highway inventory systems, highway safety systems and project scheduling systems. The majority are related to roadway information with a few exceptions such as personnel information.</p>
<p>21. Does the State intend to contract with one organization for the migration of the mainframe data and applications, or is it considering multiple contracts to different vendors who may specialize in particular functional areas, such as one vendor for pavement management, another for project financials, etc.?</p>	<p>If an RFP is executed, the intent would be to have a single RFP. We envision this to be one contract with one vendor. The selected vendor may possibly have a number of subcontractors.</p>