



## ADDENDUM TWO QUESTIONS AND ANSWERS

Date: November 10, 2014

To: All Potential Vendors

From: Gloria Ryken, Buyer  
Nebraska Department of Roads (NDOR)

RE: Questions and Answers for Request for Information Number NDOR 001  
to be opened November 18, 2014, 3:00 P.M. CDT

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

It is the Vendor's responsibility to check the NDOR and/or State Purchasing Bureau web site for all addendums or amendments.

Questions	Answers
<p><b>1. RFI Section D. System Overview, Page Number 9.</b></p> <p>Please provide a breakdown of the 300 concurrent users in terms of # warehouse users (RF) and Workstations, ordering (requisitioners) and other personnel types.</p> <p>Also, is this the current Number of users required today or a specification for the future growth of the system? In other words what Number of concurrent users should be used for your cost range estimate?</p>	<p>The concurrent users include: 3 NDOR administrators, 5 warehouse employees and a minimum of 300 internal and external customers. The internal customers are NDOR employees from various divisions and districts located statewide. The external customers are outside entities such as villages, cities, townships and other state agencies.</p>
<p><b>2. RFI Section D. System Overview, Page Number 9.</b></p> <p>Number of RF devices required (per warehouse) and any model and/ or manufacturer preferences?</p>	<p>A minimum of 5 devices is required. The State has no preference for RF devices. Keeping in mind, the number of access points required would depend upon the range of units being proposed, geographic layout of the warehouses and possible obstructions that would significantly reduce the range. (Refer to answer to Question #24)</p>

Questions	Answers
<p><b>3. RFI Section D. System Overview, Page Number 9.</b></p> <p>Is a WiFi network currently in place at each of the warehouses?</p>	<p>Wi-Fi is only available at the main warehouse #101.</p>
<p><b>4. RFI Form, RFI Page Number 7.</b></p> <p>Does Warehouse 107 (outside) have/need full RF coverage or is it simply a yard location?</p>	<p>The out-of-doors Warehouse #107 will require full RF coverage.</p>
<p><b>5. RFI Form, RFI Page Number 7.</b></p> <p>Is there any warehouse automation in use, e.g., conveyers, carousels, pick to light, etc. in any of the warehouses?</p>	<p>There is no warehouse automation in use in any of the warehouses.</p>
<p><b>6. RFI Form, RFI Page Number 10.</b></p> <p>Are any changes to the actual warehouse layouts expected?</p>	<p>At this time, there are no changes expected to take place at the NDOR supply facility.</p>
<p><b>7. BP Modelling Doc, Page Number 2.</b></p> <p>We are assuming that new warehouse inventory system software needs to manage inventory costing in order to issue a departmental expense for the requisitioned (ordered) inventory. Please confirm.</p> <p>In keeping with this, is the new software expected to create Purchase Orders for warehouse inventory or will PO's be issued from another system?</p> <p>If PO's are issued from the new warehouse inventory system will there be any EDI requirements?</p>	<p>Yes, the new warehouse inventory system software needs to manage inventory costing in order to issue a departmental expense for the requisitioned (ordered) inventory.</p> <p>The new warehouse inventory system software shall be expected to create an internal purchase request i.e. purchase order for warehouse inventory.</p> <p>No, there are no EDI requirements. Refer to Attachment B, Business Process Modeling report, Appendix F-Ordering and Receiving Supplies.</p>
<p><b>8. BP Modelling Doc, Page Number 2.</b></p> <p>What method is currently employed for the replenishment of stocked inventory, e.g., min/max? Is this sufficient or would you like to add more capabilities, e.g., forecasting, DRP (time-phased replenishment)?</p>	<p>Refer to Attachment B, Business Process Modeling report, Appendix E for the current inventory replenishment process and Appendix F for the desired future process.</p>
<p><b>9. No specific reference.</b></p> <p>Is there a requirement for electronic signature/badge capture at the point of delivery?</p>	<p>No</p>

Questions	Answers
<p><b>10. RFI Section D, Page Number 9.</b></p> <p><b>NDOR REQUIREMENT:</b> The system shall allow ease of use for end users when they are entering orders of product(s) to be fulfilled and delivered to their division, district or other entity in a timely manner.</p> <p><b>Vendor QUESTION:</b> Does the Requested Solution act as an order capture/order placement system as well as the fulfillment system?</p>	<p>The requested solution should allow for the entering and accepting of orders from our end users (located in other offices, divisions, districts, etc.) to be processed/fulfilled as part of the overall WMS.</p>
<p><b>11. RFI Section D, Page Number 9</b></p> <p><b>NDOR REQUIREMENT:</b> The system should have the ability to track and report product expiration and shelf life left.</p> <p><b>Vendor QUESTION:</b> What type of inventory is requiring shelf life monitoring. Are these only chemicals and paints? What happens to product that passes an expiration date?</p>	<p>Paint, temporary road markers and epoxy have expiration dates. Products that have passed the expiration date are either returned to the vendor or surplus.</p>
<p><b>12. RFI Section D, Page Number 9</b></p> <p><b>NDOR REQUIREMENT:</b> The system will provide an on-line transaction trail of the various automated activities with search and review features.</p> <p><b>Vendor QUESTION:</b> What is being searched and reviewed? Is this the auditing of item inquiries or look-ups being performed on the database or inventory stock levels?</p>	<p>We anticipate the ability to see a variety of reporting for order fulfillment, replenishment, cycle counts, work progress of various WMS activities and the like with the ability to filter by order, by district, by product, by order history, etc. These would entail standard reporting from inquiries on the database. Ad-hoc reporting capabilities should be allowed.</p>
<p><b>13. RFI Section D, Page Number 9</b></p> <p><b>NDOR REQUIREMENT:</b> System should track all inspection data including stock Number, quantity, inspection requirement and date of inspection.</p> <p><b>Vendor QUESTION:</b> What Inspection requirements for items is required to be maintained and tracked besides item and quantity?</p>	<p>This would include inspector/tester name /ID and date of testing/inspection performed, item number, quantity inspected/tested, inspection/testing requirements commentary and possibly notes describing the actual inspection/testing. Refer to Attachment B, Business Process Modeling report, Appendix F, step 31.</p>
<p><b>14. RFI Section D, Page Number 9</b></p> <p><b>NDOR REQUIREMENT:</b> The system shall provide authorization/security integration options</p> <p><b>Vendor QUESTION:</b> What security integration is required, is this access to parts of the warehouses?, is this transaction processing authorization or simply signon user id's and passwords?</p>	<p>This would mean security for user sign-on and a means for administrators of the system to control transaction processing authorization. Certain items are prohibited to outside entities and viewing of these items should be blocked. In additional, deleted items should be blocked from view with the exception to the administrators.</p> <p>Warehouse access security will continue to be controlled by other means.</p>

Questions	Answers
<p><b>15. RFI Section D, Page Number 9</b>  <b>NDOR REQUIREMENT:</b> The system shall provide for ease of handling product returns from the Divisions/Districts.  <b>Vendor QUESTION:</b> Is the handling of returns simply for validating, receiving and restocking of returned products, or is there a crediting integration with original order validation process required for the accounting and financials by CST RFE</p>	<p>The returns process should encompass a means of return order validation, receiving/verification of receipt and restocking of product back into inventory. Those inventory adjustments then need to be reflected within the Cost Accounting system for the original order.</p>
<p><b>16. RFI Section D, Page Number 9</b>  <b>NDOR REQUIREMENT:</b> The system shall have the ability to track purchasing history to assist in determining stock replenishment needs.  <b>Vendor QUESTION:</b> Are all the requirements pertaining to replenishment looking for a means to re-buy or create a purchasing event to maintain inventory or stocking levels?</p>	<p>The answer would be yes for various reasons.  One reason would be to trigger an event in preparation for handling seasonal stock items. This could be based on time(s) of year for stock build-up and/or diminishing stock levels as product is consumed over time duration.</p>
<p><b>17. RFI Section D, Page Number 9</b>  Is there a shipping system this fulfillment warehouse solution should be integrated to? or does the WMS manage the shipping, rating and routing process as well.</p>	<p>Delivery/pick up of product orders will be managed outside of the new WMS. Currently, NDOR utilizes two warehouse drivers to delivery product to designated locations statewide. Internal and external customers may also pick up ordered items directly from the warehouse.</p>
<p><b>18. RFI Section C, Page Number 7</b>  What are the locations of the 5 warehouses? Are they located near each other? Do they share the same address?</p>	<p>Refer to Question #24.  The Supply Facility for all five warehouses is centrally located at:  5001 South 14<sup>th</sup> Street Lincoln, Nebraska</p>
<p><b>19. RFI Section D, Page Number 9</b>  Does the estimate of 300+ users include all users including those entering orders, as well as returns and those processing back-orders. For those items priced by Number of users, should we use the Number of 300 or something higher for the "+"? Of those 300+ users do all of them place orders and returns or are some of them only responsible for performing actions in the warehouse?</p>	<p>Refer to Question #1  The number of users will vary. Currently there are users that are allowed to create orders only and those orders are routed to their supervisor for approval. There are also some users that are allowed to approve orders and create new orders and those orders are routed to their supervisor for approval. The users in the warehouse include 3 NDOR administrators and 5 warehouse employees. The administrators shall have the authority to perform all functions.</p>
<p><b>20. RFI Section E, Page Number 10</b>  Regarding scope of the new system, how many order lines (not Number of orders) are processed by the system annually?</p>	<p>This information is unknown.</p>
<p><b>21. RFI Section E, Page Number 10</b>  Regarding scope of the new system, what is the highest Number of shipments per day?</p>	<p>Approximately 30 per day.</p>

Questions	Answers
<p><b>22. RFI Section E, Page Number 10</b></p> <p>Regarding scope of the new system, what is the average and high Number of order lines per shipment?</p>	<p>The current system allows 25 lines on a page with multiple pages as needed. There is no limit on the total number of lines per order. Refer to Attachment B, Business Process Modeling report, appendix N for the desired future process.</p>
<p><b>23. RFI Section C, Page Number 8</b></p> <p><b>NDOR REQUIREMENT:</b> Delivery methods are comprised of state government owned vehicles/shipping. Reliance upon outbound third-party shipping is extremely limited.</p> <p><b>Vendor QUESTION:</b> Will WMS need to requisition a state government owned truck or is the arrangement for pickup all done outside of WMS?</p>	<p>Delivery/pick up of product orders will be managed outside of the new WMS.</p>
<p><b>24. RFI Section D, Page Number 8</b></p> <p><b>NDOR REQUIREMENT:</b> Should an RF solution be proposed, consideration should be made for supplying items such as hand-held devices, power supplies, tethered scanners, necessary cables, controllers, bar code/label printers, access point routers and sufficient antennas, etc. fo</p> <p><b>Vendor QUESTION:</b> Can a basic map of the outside and indoors area of the building with both be provided to understand what the furthest point of outdoor storage is away from the indoor storage?</p>	<p>See Attachment C, Warehouse Locations, posted on the NDOR web site at: <a href="http://www.transportation.nebraska.gov/operations/procure">http://www.transportation.nebraska.gov/operations/procure</a></p>
<p><b>25. RFI Section D, Page Number 9</b></p> <p><b>NDOR REQUIREMENT:</b> The system will allow pickers to scan/fulfill orders with hand-held directed picking in various warehouse locations as well as those for the out-of doors yard locations.</p> <p><b>Vendor QUESTION:</b> Are there any differences between indoor and out-of doors locations other than not having a roof over the location including are there any special equipment requirements?</p>	<p>The current storage facility is comprised of four indoor warehouses, three of which are not heated. There is one out-of-doors location that is uncovered. We want to make this known due to the climatic weather extremes associated with Nebraska which may/may not have impact upon some hardware functionality. (e.g.; vendor suggested equipment should be all-weather suitable.) Forklifts are used in all locations.</p>
<p><b>26. RFI Section D, Page Number 9</b></p> <p><b>NDOR REQUIREMENT:</b> The system shall be able to print out packing slips for returns to vendors.</p> <p><b>Vendor QUESTION:</b> Are return to vendor orders created based on accumulated product, failure of inbound quality checks, or some other method?</p>	<p>Yes, and if an incorrect item is ordered.</p>
<p><b>27. Attachment B, Page Number 6 and 34</b></p> <p>Is CSI able to receive electronic purchase orders for signs that aren't currently stocked in the warehouse or will it need to continue to be a paper PO process?</p>	<p>Yes, CSI currently receives electronic orders.</p>

Questions	Answers
<p><b>28. RFI Section C, Page Number 7</b></p> <p><b>NDOR REQUIREMENT:</b> NDOR is a Microsoft based shop utilizing newer technologies such as C#/.NET and SQL Server 2012 while our software development methodology follows the Agile practice.</p> <p><b>Vendor QUESTION:</b> Would a solution that only support Oracle and DB2 for database be an option given that NDOR is a Microsoft based shop?</p>	<p>NDOR is currently moving away from a mainframe platform (COBOL/CICS with a DB2 backend database) to the Microsoft platform (.NET Framework with a SQL Server 2012 backend database). We encourage that a vendor supplied WMS solution utilize similar/compatible technology.</p>

This addendum will become part of the RFI and should be acknowledged with the RFI.