6494 Z1 ATTACHMENT A

OPTION 1: LICENSE PLATE PRINTING LINE

BIDDER REQUIREMENTS

The Contractor shall be responsible for the coordination of this entire project: engineering, equipment/accessories, installation, and production services (such as training, start-up, troubleshooting, service, maintenance). The following information should be submitted by the bidder for evaluation. Any proprietary or confidential documentation should be submitted as outlined on the first page of this document.

- 1. Provide Draft Project Plan with proposal for evaluation of the following:
 - a. Design/Development Services:
 - i. Facilities & Equipment
 - a) Building Preparation The bidder shall thoroughly review all details for building preparation, including, but not limited to: building structure, floor construction, electrical, compressed air, gas and water, as required.
 - Based on the proposed equipment, bidder shall provide within their proposal a list of all necessary preparations that CSI should make or modification that will need to be made to the building prior to delivery and installation by the Contractor.
 - 2). CSI will be responsible for <u>all</u> building infrastructure modifications and these costs should NOT be included in the bidder's response.
 - ii. Custom Equipment Design -Complete detailed design of custom equipment as required. Proposal should include a detailed blueprint of the equipment as designed. If not included within the proposal, bidder will be required to provide within five (5) business days of a written request by DAS.
 - iii. Installation Drawings -Layout drawing(s) should be provided to CSI to assist in the review of equipment installation. Information should include utility connections, assembly and mounting details.
 - iv. Estimated installation timeline, installation, implementation, and training of operators, etc. of new line, including estimated timeline for interruption of production.
 - v. Codes and Environmental Issues

Contractor shall design and install all equipment in accordance following all applicable codes. Examples might be National Electrical Code, National Fire Protection Association Standards, OSHA, and applicable building code.

Bidder response:

2. Bidder shall describe the proposed workflow for specialty plates, from order to fulfilment shipping from within CSI. Noting operator actions necessary for batching and printing license plates, control touch points or steps necessary for updating the electronic systems.

Bidder response:

3. The bidder shall describe how the system will ensure that all production data is transferred, received and the production control steps completed as needed to ensure the plates are printed, shipped and accounted for throughout the production and billing processes.

Bidder response:

4. In the functional specifications, the Bidder should indicate recommended bandwidth requirements based upon anticipated applicant volume and document volume at each location, in conjunction with hardware and software performance of Contractor-supplied devices.

Bidder response:

5. Bidder should provide a draft Disaster Recovery plan with their response. Bidder response:

6. Bidder should provide a draft Change Management plan with their response. Bidder response:

7. All State data must be secure. Bidder should describe the process used to store, retain and process State Data, Materials, and information including appropriate administration, physical and technical safeguards to secure such data from unauthorized access, disclosure, alteration, and use, until the data is deleted.

Bidder response:

8. The bidder shall provide independent test lab data demonstrating that the complete license plate (Aluminum back, sheeting with printing and overly applied), conforms to all performance requirement of this document. Additional performance validation testing may be conducted by the State's designated test lab. The bidder shall provide evidence of field performance (five (5) year life span) of the sheeting in other North American jurisdictions.

Bidder response:

 The Bidder shall detail specific information technology needs for network requirements, server speed, and memory and data transfer rates to insure optimum performance of the system.

Bidder response:

10. Bidder shall describe the warranty, maintenance and support provided for this project. Bidder response: 11. Bidder shall describe the training for users and technical staff. Provide draft training manual(s) with the response.

Bidder response:

12. Describe all standard reports available and the capability of generating ad hoc reports. Bidder response:

13. Provide Draft Timeline for the project with response. Bidder response:

14. Please provide an anticipated amount of ink or ribbon usage when printing this sample plate.



Bidder response:

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Task	Ability to meet objective		Comments
	Yes	No	
Design the layout and print the State of Nebraska License plates on an approved retro reflective graphic substrate (sheeting) with a roll to roll Thermal Transfer or Inkjet Printer			
Electronic information bidirectional exchange via SFTP			
Ability of importation of bit map files for graphics			
Batching and sequencing of production runs			
Work order generation			
Completion and invoicing scripts within JD Edwards E1			

Capable of using a nationally recognized spot color match system		
Provide color separations into a minimum of Cyan, Magenta, Yellow, and Black		
Digital roll to roll printer(s) capable of printing six (6) ribbon (or cartridge)colors on the selected retroreflective sheeting		
4000 plates per hour printer capacity		
Two (2) workstations with the software to design and control the printers shall be included		
include a thermal label printer for PSA intermediate shipping labels		
Color desktop printer for reports and design validation		
Appropriate high-speed cameras to read bar codes		