

STATEWIDE ROADSIDE TOLL COLLECTION SYSTEM REQUEST FOR PROPOSALS

Addendum No. 8

Issued June 22, 2023

This is an addendum to the Statewide Roadside Toll Collection System Request for Proposals (RFP) offered by the North Carolina Turnpike Authority.

Prospective Respondents: You are hereby notified of the following information in regard to the referenced RFP:

- Section A – Official log of Proposers' questions and NCTA's responses
- Section B – Official revisions to the Statewide Roadside Toll Collection System RFP

All other terms, conditions and requirements of the latest RFP dated June 16, 2023 per Addendum 6, remain unchanged unless modified by this Addendum.

Section A – Official log of Proposers’ questions and NCTA’s responses

Below are the answers to questions submitted in response to the above referenced RFP.

Please Note: The below list contains responses to all remaining questions, not included in previous addenda. A complete list of questions and responses will be provided, separate from this addendum.

#	Page	Section	Section Title	Proposer Question	NCTA Response
12	Part I, Page 18 of 37	3.2	Content of Technical Proposal	RFP states, “The cover letter is not subject to the page limitations.” however, Table 1-3 indicates that there is a 2-page limit to the cover letter. It seems that the initial reference to the “cover letter” was intended to refer to the cover sheet. Please clarify.	Statement "The cover letter is not subject to the page limitations" has been removed from the RFP in Addendum 08.
18	Part I, Page 18 of 37	3.2	Content of Technical Proposal	RFP states, “The cover letter is not subject to the page limitations.” however, Table 1-3 indicates that there is a 2-page limit to the cover letter. It seems that the initial reference to the “cover letter” was intended to refer to the cover sheet. Please clarify.	Duplicate of question #12
19	Part I, Page 18 of 37	3.2	Content of Technical Proposal	Table 1-3 indicates that 20 pages are allotted to sections 1 – 5 in the proposal. Sections 1 – 5 contain over 70 subsections that are to be discussed, many with a “detailed discussion” or a “detailed statement”. We appreciate the value of being concise, but also respect the importance of complete responses. Providing 70 sets of discussions in 20 pages allows for only about a quarter of a page for each which will significantly constrain the amount of discussion for each topic. It is recommended that the page allocation for Sections 1-5 be	Duplicate of #13

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#	Page	Section	Section Title	Proposer Question	NCTA Response
				increased to 60 pages to be consistent with the point valuations.	
20	Part I, Page 28 of 37	H.1, H.2	Proposal Section 6: Adherence to the Part III, Scope of Work and Requirements, Terms and Conditions and Requirements Conformance Matrix	<p>RFP H.1 states, “The Proposer must complete and submit the Excel version of the Requirements Conformance Matrix which is provided in PDF form in Exhibit D-6, Forms.”</p> <p>RFP H.2 states, “The Proposer shall submit a PDF version of the completed matrix in this Proposal Section 6,…”</p> <p>It is not clear what is to be provided in the printed version of the proposal in Sections H.1 and H.2. Are printed copies of the Requirements Conformance Matrix to be provided in H.1 and/or H.2, or just the electronic Excel and PDF files. Please clarify.</p> <p>If printed versions are required please clarify how to interpret the 50-page limit as Exhibit D-6 form is 76 pages long without being filled in.</p>	Duplicate of #14
21	Part I, Page 31 of 37	4.1	Page Presentation	RFP states, “Technical Proposal text shall be single-spaced, a minimum of 12-point Times New Roman font…” May the text in figures and tables be 8- to 10-point Arial as is typical in proposals?	Duplicate of #15

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#	Page	Section	Section Title	Proposer Question	NCTA Response
22	SRTCS Exhibits	C-1 and C-2	Paper Clip Excel Spreadsheet	Exhibit states, “The Price Proposal Forms are provided in Excel format worksheets for ease of completion and checking. The Excel version of the Price Proposal shall be downloaded from the NCTA’s Website at https://connect.ncdot.gov/business/Turnpike/Pages/default.aspx .” Exhibit D-7 was not included in Excel version. Please provide.	Duplicate of #16
26	Part I, Pg 18	Table I-3	Page Restrictions	Table 1-3 in Part 1, Pg. 18 gives a 2 page limit for the cover letter. The paragraph below the table says “The cover letter is not subject to the page limitations.” Would NCTA please state whether or not there is a limitation for the cover letter?	Statement "The cover letter is not subject to the page limitations" has been removed from the RFP in Addendum 08.
27	Part I, Pg 18	Table I-3	SOW	Part 1, Table 1-3: Proposal Page Limitations (pg. 18). The RFP states, “The Proposer shall describe how it will meet the Scope of Work and Requirements using the first section level sub header (e.g. 6.1). for Part III Scope of Work, Sections 3-7.” The SOW ends at Section 6. Would NCTA please confirm the sections vendors are required to respond?	RFP updated to state "Sections 3-6" in Addendum 08.

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29	Part III, Pg. 38	Section 2.12.2	As-Built Drawings	Part III, Section 2.12 is numbered 2.12 and then 2.12.2. Is there a section 2.12.1?	"2.12.1.1" changed to "2.12.1" in Addendum 08.
34	PDF page 37	STCS-RFP.pdf, 3.2 Content of Technical Proposal	7: Forms and Submittals, Table 1-5: Forms and Submittal Checklist	For Bid Bond Forms, the table instructs “See Part I-6.1.” However, no Bid Bond instructions are found anywhere in the RFP package. Please confirm that a Bid Bond is not required and that there are no proposal document that bidders must submit in relation to bid bonds.	Bid Bond Forms removed from Table 1-5 in Addendum 08.
35	PDF page 18	STCS-RFP.pdf, 1.26.4 Listing of Subconsultants or Subcontractors	1.26.4 Listing of Subconsultants or Subcontractors	RFP Verbiage: Subconsultant or Subcontractor Form RS-2 is provided in Exhibit D-2, Forms. Question: Exhibit D-2 does not contain a form labeled RS-2. Please post Form RS-2 with the rest of the proposal documents.	RS-2 Form provided as part of Exhibit D-2 in Addendum 07.
36	PDF page 18	STCS-RFP.pdf, 1.26.6 Reporting Participation	1.26.6 Reporting Participation	Please confirm that Form DBE-IS is not required with the proposal submission.	Confirmed DBE participation is not required with the Technical Proposal.
41	PDF page 33	STCS-RFP.pdf, E. Proposal Section 3, item 15	E. Proposal Section 3: Approach to Scope of Work and Requirements	RFP Verbiage: The Proposer shall provide its ICD’s. Question: Is the Authority looking for a sampling of existing ICDs from other projects, or a description of approach to generating ICDs?	<i>The RFP language has been updated in Addendum 08 to the following:</i> The Proposer shall provide its ICD’s and use the ICD provided

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					<u>in Attachment 6 NCTA CBOS to RSS ICD-v2 as a reference to discuss</u> how it would integrate to a NCTA provided CBOS/OBO.
42	PDF page 33	STCS-RFP.pdf, E. Proposal Section 3, item 15	E. Proposal Section 3: Approach to Scope of Work and Requirements	RFP Verbiage: The Proposer shall include API’s in its Technical Proposal if available Question: Is the Authority looking for sampling of existing APIs (API descriptions) from other projects, or a description of approach to generating APIs?	<i>The RFP language has been updated in Addendum 08 to the following:</i> The Proposer shall <i>provide its ICD’s and</i> use the ICD provided <u>in Attachment 6 NCTA CBOS to RSS ICD-v2 as a reference to discuss</u> how it would integrate to a NCTA provided CBOS/OBO.
46	PDF page 39	STCS-RFP.pdf, 4. Submission of Proposal	4.1 Submission of Technical Proposal, subsection 2. Page Presentation.	RFP Verbiage: 3. Number of Copies. One (1) hard copy and five (5) USB flash drives containing of all portions of the Technical Proposal shall be provided. The copy with the original cover letter and cover sheet should be marked “Original”. Each copy shall be numbered (e.g., 2 of 7, 3 of 7). Question: Given that there is only one hard copy (the original), please clarify the requirement to number copies.	Hard copy numbering removed in Addendum 08: Each copy shall be numbered (e.g., 2 of 7, 3 of 7).

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49	PDF Page 66	STCS-RFP.pdf, Part III – Scope of Work and Requirements	Part III – Scope of Work and Requirements, 1.2 Summary of Scope of Work	<p>RFP Verbiage: and shall be required to review the engineering design (currently almost complete).</p> <p>Question: Which of the roadways potentially included in this procurement have design that is currently complete or almost complete?</p>	<p>Language removed in Addendum 08:</p> <p>The Contractor shall provide RTCS design specifications to the Constructor and shall be required to review the engineering design (currently almost complete), provide feedback, and identify potential impacts to the RTCS installation and performance.</p>
51	PDF Page 84	STCS-RFP.pdf, Part III – Scope of Work and Requirements, 2.7 Training Program and Plan	2.7 Training Program and Plan	<p>RFP Verbiage: The Contractor is required to provide all training documentation including all manuals defined for Level 1, Level II, and Level III Maintenance Services. The Contractor shall train NCTA or its designated staff on how to provide Level 1, Level II and Level III Maintenance Services.</p> <p>Question 1: According to section Part I – Administrative, 1.1 Background and Purpose, Table 1-1: Project Responsibility Matrix, Level II and Level III Maintenance of RTCS, ITS and Network is provided by the RTCS Contractor(s). Why does NCTA or its designated staff need to be trained to provide Level II and Level III Maintenance?</p>	<p>Level III Maintenance has been removed from training scope in Addendum 08.</p>

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				Question 2: According to “Part II Defined Terms and Acronyms, 1. Defined Terms,” Level III maintenance includes “patch management, Software changes and major changes to the system functionality.” Please clarify the intent of the requirement to train NCTA or its designated staff to provide Level III Maintenance and what role they are expected to play in it.	
57	PDF page 117	STCS-RFP.pdf, Part III – Scope of Work and Requirements	Part III – Scope of Work and Requirements, Req. 343	RFP Verbiage: This redundant TRH shall be located at a Contractor provided facility separate from the TRH. Question: Please clarify the requirement, there may be a typo.	Disaster Recovery requirements added as Section 4.3.1.7 TRH Disaster Recovery System
74	33	Part I – Administrative6.1 Exhibits D Forms, D-12	Notification of Award D-12 – Bid Bond Forms	Section 4.2.6 states an original of the bid bond shall be included in the Price Proposal Package. However, Section 6.1 states “All bid and performance bonds will be handled using the following procedures for each Project. The Payment and Performance Bonds shall be provided with the Project after the issuance of each Task Order.” Which is correct? Is a bid bond required for this effort?	No bid bond is required. However, contractor must provide completed Form D-10 surety commitment letter.

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75		Exhibits D Forms, D-12	D-12 – Bid Bond Forms	What is the value or percentage the contractor shall include in the Bid Bond?	Please refer to response in Question #74.
76	35-36	Part IV 3.7.14	Limitation of Contractor’s Liability Limitation of Contractor’s Liability	Bidder requests to modify language in RFP in paragraph 3 to the following: The foregoing limitation of liability shall not apply to claims covered by other specific provisions calling for liquidated damages or specifying a different limit of liability, or to claims for injury to persons or damage to property caused by Contractor’s negligence or willful or wanton conduct. This limitation of liability does not apply to the receipt of court costs or attorney’s fees that might be awarded by a court in addition to damages after litigation based on this Contract.	No change to RFP.
77	36	Part IV 3.7.15	Contractor’s Liability for Injury to Persons or Damage to Property	Bidder requests to modify language in RFP in paragraph 2 to the following : 2. The Contractor agrees to indemnify, defend and hold NCTA and the State and its Officers, employees, Agents and assigns harmless from any actual and direct liability damages for third party claims relating to personal injury or injury to real or personal property of any kind, accruing or resulting to any other person, firm	The redline of Paragraph 1 in Section 3.7.16 is: “The Contractor shall hold and save NCTA, its officers, Agents and employees, harmless from liability of any kind, including all claims and losses, with the exception of consequential damages, as normally construed, accruing or resulting

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				<p>or corporation furnishing or supplying Work, Services, materials or supplies in connection with the performance of this Contract, whether tangible or intangible, arising out of the ordinary negligence, willful or wanton negligence, or intentional acts of the Contractor, its officers, employees, agents, assigns or 78.Subcontractors, in the performance of this Contract.</p>	<p>to any other person, firm or corporation furnishing or supplying Work, Services, materials or supplies in connection with the Contractor’s <u>negligent performance of this Contract or Contractor’s breach of contract or willful misconduct.</u> The foregoing indemnification and deference by the Contractor shall be conditioned upon the following:”</p>
78	36	Part IV 3.7.16	General Indemnity	<p>Bidder request to modify language in RFP in paragraph 1 to the following:</p> <p>The Contractor shall hold and save NCTA, its officers, Agents and employees , harmless from liability of third party claims, with the exception of incidental, indirect, punitive and consequential damages, as normally construed, accruing or resulting to any other person, firm or corporation furnishing or supplying Work, Services, materials or supplies in connection with the performance of this Contract arising from negligence, willful or wanton negligence, or intentional acts of the Contractor, its officers, employees, agents, assigns or Subcontractors, in the performance of this Contract. The</p>	No change to RFP.

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				foregoing indemnification and defense by the Contractor shall be conditioned upon the following:	
79	35-36	Part IV 3.7.14	Limitation of Contractor’s Liability	Please confirm that the Limitation of Liability will only be enforced at the Task Order Level.	Please refer to response in Question #250.
80	3	Part IV 3.7.14	Liquidated Damages, Paragraph 1	The RFP states LD is \$5,000 per calendar day. The bidder requests the customer cap the LD by dollar amount or percentage by individual task order.	The following update was made as part of Addendum 08: 2. The Contractor’s liability for damages to NCTA for any cause whatsoever, and regardless of the form of action, whether in contract or in tort, shall be limited to two times the value of the total value of each Task Order awarded to the Contractor under <u>the value of each Task Order awarded to the Contractor under</u> the Contract.

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82		Part IV 3.7.14	Liquidated Damages, Paragraph 4	Please provide clarification on how the customer will determine if liquidated damages are disallowed.	NCTA does not understand this question.
86	31, 32	4.1 – 1 & 3	Submission of Technical Proposal	Instructions indicate one (1) hard copy and one (1) separate USB flash drive with redacted electronic copy of Technical Proposal. In another section it states one (1) hard copy and five (5) USB Flash drives containing all portions of the Technical Proposal. Can you please validate the number of redacted USB Flash Drives required?	Provide 1 hard copy and 5 USB drives.
88	4-Mar	Part IV 3.7.14	Liquidated Damages, Paragraph 4	Please provide clarification on how the customer will determine if liquidated damages are disallowed.	Duplicate of 82.
90	11	Part I – 1.26.4	Listing of Subconsultants or Subcontractors	The bidder intends to provide pricing from both material suppliers and service providers. Would the material supplier also be categorized as a Small Professional Service Firm?	Material suppliers aren't considered as Small Professional Service Firm.

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91	11	Part I – 1.26.6	Reporting Participation	Please clarify if there is a procurement minimum award value for which this is applicable to or confirm that all sourced/ awarded sources require a DB E-IS form? Considering the contract is FFP, can the contractor self-certify the supplier payments in lieu of DEB-IS without providing a dollar value?	No change to RFP.
95	18	Table 1-3	Response to Part III Scope of Work	<i>RFP states “The Proposer shall describe how it will meet the Scope of Work and Requirements using the first section level sub header (e.g. 6.1). for Part III Scope of Work, Sections 3-7”</i> <i>The Scope of Work does not have Section 7. Please clarify which sections and sub headers of SOW are to be responded to in Section 6 of the response.</i>	Refer to Addendum 08. RFP updated to state "Sections 3-6".
97	15	1.30	Work Zone Safety Guidelines	RFP states “The Contractor will be working as a NCTA Contractor in the Constructor’s work zone and is expected to follow the procedures and guidelines implemented by the Constructor and NCDOT as described in Part III, Scope of Work and Requirements, Section 4.1.4 Compliance to Standards and Section 4.1.9 General MOT Requirements and Conditions.” SOW does not appear to have Section 4.1.4 and 4.1.9. Please confirm the correct references	References have been corrected in Addendum 06.

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				should be Section 2.10.10 Compliance to Standards , and Section 2.10.7 General MOT Requirements and Conditions.	
99	18	Table 1-3	Appendix 3: Sample Reports, Dashboards and Analytics	Due to page limits in Sections 1 through 5, are graphics and tables allowed to be place in Appendix 3 and location referenced to those figures in Sections 1 through 5?	NCTA will increase the page count for Sections 1-5 to 25 pages. Provide high level approach to solution to address the prompts in Sections 1-5. Provide detailed responses to these prompts and adherence to the Scope of Work in Section 6.
100	18	Table 1-3	Section 1-5 Page Limit	RFP states “Limited to a combined total of 20 printed pages (excluding all table of contents, list of tables, or list of figures) and a font of 12 point” The current page limit only allows for a limited response to the requirements including graphics and tables. Will NCTA consider changing the page limitations as follows: <ul style="list-style-type: none"> · Sections 1 and 2 up to 3 pages · Sections 3-5 up to 20 pages 	NCTA will increase the page count for Sections 1-5 to 25 pages. Provide high level approach to solution to address the prompts in Sections 1-5. Provide detailed responses to these prompts and adherence to the Scope of Work in Section 6.

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101	47, 58	Items 283, 379	Attachment 4	Attachment 4 is referenced as State of North Carolina Statewide Information Security Manual, but attachments list it as Attachment 2. Please confirm correct reference should be Attachment 2?	Reference updated to state Attachment 2 in Addendum 08.
102	62	Item 418	Section 2.3.5 reference	“The Contractor shall provide, an Interface Test Plan (ITP) as described in Section 2.3.5 of Part III, Scope of Work and Requirements.” Please confirm correct reference should be Section 2.6.1.1 Interface Test Plan.	Reference has been corrected in Addendum 08.
103	71	5.1.5, 5.1.6	RTCS Hardware Maintenance	Sections reference 6.2.5, and 6.2.6. Please confirm correct reference should be Section 5.1.5 and 5.1.6	References have been corrected in Addendum 06.

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104	82	5.1.15, Item 531	Section reference	Reference to Section 7.9 Non-Chargeable Failures is incorrect. Please confirm correct reference should be Section 6.10	Reference has been corrected in Addendum 08.
106	82	5.2	ITS Maintenance	Requirement references Section 6.3 – please confirm correct reference should be Section 5.2,	Reference has been corrected in Addendum 06.
107	82	5.2.1.1, Item 538	Section reference incorrect	Requirement references Section 6.2.7 Types of Maintenance. Please clarify if it should be Section 5.1.7?	Reference has been corrected in Addendum 08.
108	83	5.2.1.1, Item 539	Section reference incorrect	Requirement references Section 4.1.9 General MOT Requirements and Conditions. Please confirm correct reference should be Section 2.10.7	Reference has been corrected in Addendum 08.
110	99	6.3	Non-Compliance Performance Adjustments,	Requirement references Table 4. Please confirm it should reference Table 5.	Reference has been corrected in Addendum 08.

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111	103	6.9	a) Non-Chargeable Failures	Requirement references Section 7.10. Please confirm correct reference should be Section 6.10	Reference has been corrected in Addendum 06.
113	PDF Page 25	STCS-RFP.pdf, Part I - Administrative	Table 1-3: Proposal Page Limitations	<p>RFP Quote: The Proposer shall describe how it will meet the Scope of Work and Requirements using the first section level sub header (e.g. 6.1). for Part III Scope of Work, Sections 3-7.</p> <p>Question: This requirement appears to have been included by mistake, because narrative responses to these SOW sections are already included in Proposal Sections 3-5, and the compliance responses are already included in Form D-6 RCM; moreover, Scope of Work section 7 does not exist. Please confirm that the above Quote was included into the instructions by mistake.</p>	<p>NCTA will increase the page count for Sections 1-5 to 25 pages.</p> <p>Provide high level approach to solution to address the prompts in Sections 1-5. Provide detailed responses to these prompts and adherence to the Scope of Work in Section 6.</p>
120	PDF Page 104	STCS-RFP.pdf , Part III – Scope of Work and Requirements, 3.1.3	3.1.3 Communications	RFP Requirement: The Contractor is responsible for the RTCS WAN communications. RTCS WAN design must be approved by NCTA and shall conform to Section 5.3.3 and Attachment 4: State of North Carolina, Statewide Information Security Manual included in Part III, Scope of Work and Requirements.	Reference updated to <u>4.2.1 General RSS Functional Requirements and 4.3.1 Transaction Reconciliation Host (TRH)</u> in Addendum 08.

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				Question: Section 5.3.3 could not be found in this document, please clarify the Section that this clause is referring to.	
143		Form D-6-Requirements Conformance Matrix	Requirement 457	<p>RFP Requirement: If required by the Contractor, NCTA approved repair or other services that fall outside the Maintenance Services described herein shall be invoiced at the services as defined in Exhibit D-7.</p> <p>Question: Please clarify “shall be invoiced at the services as defined in Exhibit D-7.”</p>	<p>Language for the requirement (now 467) in Addendum 08 as follows:</p> <p>"If required by the Contractor, NCTA approved repair or other services that fall outside the Maintenance Services described herein shall be invoiced at the services <u>service rates</u> as defined in Exhibit D-7. "</p>
165	N/A	Exhibit-D-12-BidBonds	Exhibit-D-12-BidBonds	<p>Requirement: in the full and just sum of five (5) percent of the total amount bid by the Principal for the project stated above.</p> <p>Question: Please note that there is no “total amount bid” in the price proposal, as there is no grand total field in the unit-price-based D-7 Price Proposal. Should the vendors issue bid bonds for 5% of the amount specified in RFP Part I, Section 6.1 Notification of Award, \$20,000,000?</p>	Please refer to response in Question #34.

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187	Forms	Form D-7 Price Proposal	Sheet 6-1, Backup TRH Maint	The following cells contain formulas and should be blank for data entry: E14 - E19, E23 - E28, E32 - E37, E41 - E46, E90 - E95, E99 - E104, E121- E124, E127 - E129, E133 - E135, E153 - E155, E173 - E175, E179 - E181. It appears that a COLA formula was inserted.	Exhibit D-7 Price Proposal updated in Addendum 08.
188	Forms	Form D-7 Price Proposal	Sheet 6-1, Backup TRH Maint	The cells in column D should not be yellow and should be locked. They are not data entry cells.	Exhibit D-7 Price Proposal updated in Addendum 08.
205	23	RFP Part I	E. Proposal Section 3: Approach to Scope of Work and Requirements; #3	The requirement refers to SOW Sections 5.4, Data Warehouse and 5.5, External Interfaces and Data Requirements. However, SOW Section 5.4 is Maintenance Traffic Requirements, and there is no Section 5.5. Would the Authority please confirm that this requirement should instead refer to SOW Sections 4.3.1.4, Data Warehouse, and 4.3.1.5, External Interfaces and Data Requirements?	References have been corrected in Addendum 08. 3. Discuss the Proposer’s approach to meeting all data summarization, data warehouse Requirements as outlined in Sections 5-4 <u>4.3.1.4 Data Summarization and 4.3.1.5 Data Warehouse</u> of Part III- Scope of Work and Requirements, and External Interfaces and Data Requirements as outlined in Section 5-5 <u>4.3.1.6</u> of the Part

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					III, Scope of Work and Requirements.
206	24	RFP Part I	E. Proposal Section 3: Approach to Scope of Work and Requirements; #3	The requirement refers to Section 5.3.3, but there is no Section 5.3.3 in the RFP or the SOW. Would the Authority please provide the correct reference for the System Security requirements?	References have been corrected in Addendum 08. 3. Discuss the Proposer’s approach to meeting all data summarization, data warehouse Requirements as outlined in Sections 5-4 4.3.1.4 Data Summarization and 4.3.1.5 Data Warehouse of Part III- Scope of Work and Requirements, and External Interfaces and Data Requirements as outlined in Section 5-5 4.3.1.6 of the Part III, Scope of Work and Requirements.
207	25	RFP Part I	E. Proposal Section 3: Approach to Scope of Work and	RE: 10.d: “Guaranteed successful transmission of all image -based transactions and images to the existing contractor provided host and to the NCTA CBOS/OBO”	Language updated in Addendum 08: Guaranteed successful transmission of all image-

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			Requirements; #10 part D	Please clarify what the "existing contractor provided host" is. Is this the Contractor provided host (as elaborated in this Proposal response) or another third-party provided system?	<i>based transactions and images to the existing contractor provided host and to the NCTA CBOS/OBO;</i>
208	26	RFP Part I	E. Proposal Section 3: Approach to Scope of Work and Requirements; #15	<p>RE: 15: “The Proposer shall provide its ICD’s and how it would integrate to a NCTA provided CBOS/OBO.”</p> <p>Please clarify this request. Typically, information requestor's, such as the CBOS or OBO provider, would dictate the information necessary to support their system's processes. Contractors are being asked to provide an ICD without knowing exactly what information is necessary from the CBOS or OBO provider to function successfully. Is this request to provide how the Contractor could provide data (i.e., web services, flat files) or to actually provide an ICD used on previous projects that could be used as a baseline for the CBOS or OBO provider to use to develop their own ICD? This request seems more logical to be asked during NCTA's procurement of a new CBOS and/or OBO RFP.</p>	<p>The RFP language has been updated in Addendum 08 to the following:</p> <p>The Proposer shall provide its ICD's and <u>use the ICD provided in Attachment 6 NCTA CBOS to RSS ICD-v2 as a reference to discuss</u> how it would integrate to a NCTA provided CBOS/OBO.</p>

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210	18	RFP Part III	2.6 Master Test Plan	<p>Conflicting statements, "The Contractor shall provide test procedures for OIT, SIT, OAT, and SAT at least ninety (30) Calendar Days prior to the start of each respective test."</p> <p>Please clarify the discrepancy between 90 and 30 days prior to the tests.</p>	Corrected to "thirty (30)" in Addendum 08.
212	44	RFP Part III	4.2.1 General RSS Functional Requirements; #253	Requirement 253: Please clarify this request and what the "number" of a vehicle is referring to. Is this the license plate number or the running count of vehicles that have travelled the roadway within a certain timeframe or number of axles or other number? Why does this requirement exclude Express Lanes?	Requirement 253 (now 255) updated to state the following in Addendum 06: "(Express Lanes Excluded) The RSS for AET Zones shall accurately detect the number of vehicle axles and include all data in the Toll Transaction."
225	89	RFP Part III	6.1.1 Performance Measurement; Table 2	<p>Table 2: RTCS Performance Requirements, PR8 Image Capture and Transmission Accuracy: Should this PR also include rear images?</p> <p>Request separation of PR8 to two different PRs. Image Capture is a lane level logic at the hardware and storage level, where image transmission to the OBO is a data transfer logic at the TRH level. The ability to capture a license plate has nothing to do with the ability to</p>	Performance requirement updated in Addendum 06 to state: "Provide front and rear overview images and ROI for all transactions (AVI and Image-Based) to OBO 99.95% or more."

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				transfer images to a third-party system via an approved ICD.	
241	Form	Form D-7-Price Proposal	Tab 4-1	Under which Pay Item should bidders include the costs for “ Payment and Performance Bond”	Implementation Performance Bonds will be included and priced in future Task Orders.
250	35-36	Part IV 3.7.14	Limitation of Contractor’s Liability	Would the customer please cap the Limitation of Liability to 1x the contract value?	2. The Contractor’s liability for damages to NCTA for any cause whatsoever, and regardless of the form of action, whether in contract or in tort, shall be limited to two times the value of <u>the total value of each Task Order</u> awarded to the Contractor under the Contract.
252	25 of 212 (RFP)	Part I - Administrative	3.2 - Content of Technical Proposal	The content requirements listed in Table 1-3 for Section 6 in relation to the SOW reference SOW Sections 3-7, however, there are only 6 sections in the SOW. Please confirm that the proposer will be required to provide content for sections 2-6 instead of 3-7.	Refer to Addendum 08. RFP updated to state "Sections 3-6".
298	47 of 104	Part III, 4.2.2.1 Item 288	AVDC System	Requirement 288 states to infer vehicle axle count and determine vehicle length, height and	Requirement language (now 290) has been updated in

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				<p>width.</p> <p>a. For Express Lanes are we required to infer axle counts?</p> <p>For AET zones are we required to measure vehicle length, height and width?</p>	<p>Addendum 08 to clarify all systems must provide axle, length, width and height measurements, but classification accuracy will be assessed as detailed in applicable TO.</p> <p>Revision: (290) "The AVDC system shall infer determine the vehicle axle count as well as determine vehicle length, height and width to classify vehicles in accordance with the NCTA vehicle classification structure for all travel lanes and shall include the logic to handle the exceptions identified. Classification of vehicles traveling on the shoulder lanes is not required; however, the RTCS shall detect vehicles that travel on the shoulder and trigger the Image Capture & Processing System (ICPS). <u>The vehicle classification structure for each facility type is defined in requirements 291 and 292.</u>"</p>

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299	48 of 104	Part III, 4.2.2.2 Item 289	AVDC System	Requirement 289 identifies LOV and HOV classification based on vehicle dimensions not larger than L:22’ W:8.5’ H:12”. Please clarify if the LOV and HOV height classification should be 12 inches or feet.	Updated to state "12' " in Addendum 08.
313	Forms	Form D-7 Price Proposal	Sheet 5-1 Backup AETM	There is row for each maintenance year described as “Maintenance Payment of Performance Bond (X%)”. What is meant by X%?	Line item has been removed as part of Addendum 08. Maintenance Bond Costs will be provided in each Project.
314	Forms	Form D-7 Price Proposal		RFP, Part 1, Paragraph 6.1, states, “ The initial bonding level for the Operations and Maintenance Phase shall be provided at 100 percent of Year 1 of Operations and Maintenance. The value of the bond for each year beyond Year I shall be in the amount of 100 percent of the estimated Operations and Maintenance Costs for the upcoming Operations and Maintenance Year. It is unclear how Contractors are to calculate the amount of the bond costs based on the price form Sheet 5-1 as it does not contain all of the costs for Year 1 and subsequent years of Operations and Maintenance (ex. does not include host costs, etc.).	Line item has been removed as part of Addendum 08. Maintenance Bond Costs will be provided in each Project.

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#	Page	Section	Section Title	Proposer Question	NCTA Response
				Please provide a calculation example or identify a place on the sheets to separately enter bonds costs that would include all O&M pricing.	
315	Forms	Form D-7 Price Proposal	Sheet 5-2 Backup EXPM	There is row for each maintenance year described as “Maintenance Payment of Performance Bond (X%)”. What is meant by X%?	Line item has been removed as part of Addendum 08. Maintenance Bond Costs will be provided in each Project.
316	Forms	Form D-7 Price Proposal	Sheet 5-2 Backup EXPM	RFP, Part 1, Paragraph 6.1, states, “ The initial bonding level for the Operations and Maintenance Phase shall be provided at 100 percent of Year 1 of Operations and Maintenance. The value of the bond for each year beyond Year I shall be in the amount of 100 percent of the estimated Operations and Maintenance Costs for the upcoming Operations and Maintenance Year. It is unclear how Contractors are to calculate the amount of the bond costs based on the price form Sheet 5-2 as it does not contain all of the costs for Year 1 and subsequent years of Operations and Maintenance (ex. does not include host costs, etc.).	Line item has been removed as part of Addendum 08. Maintenance Bond Costs will be provided in each Project.

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#	Page	Section	Section Title	Proposer Question	NCTA Response
				Please provide a calculation example or identify a place on the sheets to separately enter bonds costs that would include all O&M pricing.	
320	93 of 104	Part III, Scope of Work and Requirements	6.2.4 Image Transaction Complete and Timely without IVR	Is the IRV supposed to be IVS?	Yes, see correction in Addendum 08.
321	93 of 104	Part III, Scope of Work and Requirements	6.2.5 Image Transaction Complete and Timely with IVR	Is the IRV supposed to be IVS?	Yes, see correction in Addendum 08.
324	92 of 104	Part III, Scope of Work and Requirements	5.1.9 Spare Parts Storage	Will the contractor be able to establish a test bench in the spare parts storage area?	Section 5.1.9 has been updated in Addendum 08 to reflect Contractor provision of Spare storage facility. Details and associated pricing will be addressed in future Task Orders.
327	Forms	D-12 Bid Bond	Form D-12 Bid Bond	Form D-12 Bid Bond requires a bond in the amount of five (5) percent of the total amount bid. However, the Sheet 1- Project Summary does not appear to have a total amount of the bid. Which amount on the Price Forms should	Please refer to response in Question #74.

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				Contractors use to determine the five (5) percent value of the bid bond?	
345		SOW/RCM	215	<p>The Constructor will provide these components in accordance with the design plans. Any changes to the configuration by the Contractor shall be adjusted or moved by the Contractor at no additional cost to NCTA.</p> <p>The Constructor requests the following wording change. "The Constructor will provide these components in accordance with the Contractor approved design plans. Any changes to the configuration by the Contractor shall be adjusted or moved by the Contractor at no additional cost to NCTA.</p>	<p>Requirement 215 revised in Addendum 08 to state:</p> <p>"The Constructor requests the following wording change. "The Constructor will provide these components in accordance with the Contractor approved design plans. Any changes to the configuration by the Contractor shall be adjusted or moved by the Contractor at no additional cost to NCTA."</p>
367		Exhibit C	Price Proposal	<p>"1. The Price Proposal Forms are provided in Excel format worksheets for ease of completion and checking. The Excel version of the Price Proposal shall be downloaded from the NCTA's Website at https://connect.ncdot.gov/business/Turnpike/Pages/default.aspx."</p> <p>Will the Authority please post the native Excel pricing sheets? No sheets are currently visible on Connect.ncdot.gov.</p>	Exhibit D-7 Price Proposal updated in Addendum 08.

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368		01_STCS_RFP	Table 1-2 Procurement Schedule	<p>The proposer respectfully requests that NCTA grant a one-week extension to the question period and a two-week extension to the proposal due date to allow for accurate review of the pricing sheets released on 2/8 by both proposers and potential subcontractors as well as any subsequent Q&A responses. Civil subcontractors and DBE contractors, specifically, are requesting additional time to accurately and competitively evaluate and price for their respective scope.</p>	<p>Procurement Schedule will be assessed and adjusted as needed by NCTA.</p>
369	18 of 37	3.2 Content of Technical Proposal	Table 1-3: Proposal Page Limitations	<p>The instructions for Sections 1 through 5 take 10 pages in what appears to be 11-point font. The responses to these instructions are to take 20 pages at 12-point and including graphics/drawings. Realistically, this means that we can fit 2-3 sentences in response to each requirement for Sections 1 through 5, and no drawings. But that is at odds with the instructions for Sections 1-5, which repeatedly request detailed discussions and detailed descriptions of the covered topics, along with drawings.</p> <p>Please consider increasing the 20-page limit specified for Sections 1.5 to 40 pages.</p>	<p>The allowable page count for Sections 1-5 has been increased to 25 pages in Addendum 08.</p> <p>Provide high level approach to solution to address the prompts in Sections 1-5. Provide detailed responses to these prompts and adherence to the Scope of Work in Section 6.</p>

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370	31-33 of 37	Part I, Section 4. Submission of Proposal	Form of Technical and Price Proposal Submissions	Please confirm that Proposers can use electronic signatures for the cover letter, price sheets, forms, and other signed documents in the hard copy Original and copies.	Yes
371	30 of 37; 21 of 40	Part I, Table I-5: Forms and Submittal Checklist; Part IV T&C, 2.5.1 Time Extensions and Schedule Changes	<p>Preliminary Project Implementation Schedule to be located in Technical Proposal Section 7;</p> <p>“Within fourteen (14) Calendar Days of Notice to Proceed the Contractor shall submit a Preliminary Project Implementation Schedule”</p>	Please confirm that a Preliminary Project Implementation Schedule is not required for the Technical Proposal submittal and will instead be submitted prior to Notice to Proceed for a Task Order as stated in Part IV Terms and Conditions.	<p>Preliminary Schedules to be provided with future Task Order proposals.</p> <p>Edits to Part 1 in Addendum 08: Removed from Table 1-5 Forms and Submittal Checklist</p> <p>5.4 Price Proposals - As a Best Value Contract, price will be evaluated based on a combination of anticipated cost to NCTA, the overall quality of the Technical Proposal, and the implementation approach and schedule.</p>

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372	31 of 37	Part I, Section 4. Submission of Proposal	Page Presentation. Technical Proposal text shall be single-spaced, a minimum of 12-point Times New Roman font, printed on both sides of the page.	Please confirm if an alternative font can be used provided it is similar to 12-point Times New Roman.	Yes, but the font should be 12-point at a minimum.
373	23 of 37	Part I, Section 3.2.E.2 Approach to Scope of Work and Requirements	Provide typical Proposers solution drawings for toll zones equipment layout. Drawings shall be provided as an Appendix and not counted towards the Technical Proposal page limitation. The Contractor shall provide specific drawings for each Project as outlined in each Scope of Work.	Please clarify the specific drawings for each Project that are required with the Proposal submittal. Are schematics available to Proposers that provide an overall summary of the planned toll sites with lane sizes and layouts? These do not appear to be included with the RFP attachments.	Attachment 9 - NCTA Standard Drawings provided as part of Addendum 06 for reference.
374		D-6 Requirements Conformance Matrix	(Express Lanes Excluded) The RSS for AET Zones shall accurately detect the number of vehicle and	Please confirm that the requirement should read “(Express Lanes Excluded) The RSS for AET Zones shall accurately detect the number of vehicle axles and include all data in the Toll Transaction.”	Language updated in Addendum 6 to state: “(Express Lanes Excluded) The RSS for AET Zones shall accurately detect the number of vehicle axles and

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			include all data in the Toll Transaction.		include all data in the Toll Transaction."
375		D-2 List of Subcontractors and RS-2 Form	A fillable PDF of the RS-2 form is "paperclipped" to the RFP file for ease of completion.	Form RS-2 does not appear to be included in the RFP Exhibits, either in the main document or the paperclipped attachments. Can NCTA please provide this form if required to be submitted?	RS-2 Form provided in Addendum 07.
376		D-6 Requirements Conformance Matrix	(AET Lanes Excluded) The Express Lanes RSS must use only gantry mounted equipment. No in-pavement sensors will be permitted for Express Lane installations.	Please confirm that the requirement means that the AET lanes are permitted in-pavement sensors.	Language updated in Addendum 6 to state: "(Express Lanes Excluded) The RSS for AET Zones shall accurately detect the number of vehicle <u>axles</u> and include all data in the Toll Transaction."
377		D-12 Bid Bond	...held and firmly bound unto the Department of Transportation in the full and just sum of five (5) percent of the total amount bid by the Principal for the project stated above...	Please clarify which line item and/or cell number on Form D-7 Price Proposal reflects the total amount bidders should use for providing the bid bond.	Please refer to response in Question #34.

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378	Part I, 23 of 37	Part I, Section 3.2.E.3 Approach to Scope of Work and Requirements	Discuss the Proposer’s approach to meeting all data summarization, data warehouse Requirements as outlined in Section 5.4 of Part III- Scope of Work and Requirements, and External Interfaces and Data Requirements as outlined in Section 5.5 of the Part III, Scope of Work and Requirements.	<p>The Section 5.4 of Part III- Scope of Work and Requirements does not refer to data warehouse Requirements and there is no Section 5.5 in Part III Scope of Work document.</p> <p>Can you please confirm the correct section references should be 4.3.1.4 and 4.3.1.5, respectively?</p>	<p>References have been corrected in Addendum 08.</p> <p>3. Discuss the Proposer’s approach to meeting all data summarization, data warehouse Requirements as outlined in Sections 5.4 4.3.1.4 Data Summarization and 4.3.1.5 Data Warehouse of Part III- Scope of Work and Requirements, and External Interfaces and Data Requirements as outlined in Section 5.5 4.3.1.6 of the Part III, Scope of Work and Requirements.</p>
380		Part I, Section 3.2.F.5 Approach to Product Roadmap and Quality Assurance	NCTA desires that the Proposer include existing company Quality Control Plans and only tailor as required for this Contract.	Please confirm whether the Proposer shall include an existing company Quality Control Plan in the Proposal.	Quality Control Plans can be provided as an attachment which will not contribute to page count.

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381		D-6 Requirements Conformance Matrix	Req. 445 “The Contractor shall provide image verification services to return the license plate number (LPN), jurisdiction and plate type for rear license plates. “	Should the requirement read “The Contractor shall provide image verification services to return the license plate number (LPN), jurisdiction and plate type for rear and front license plates.”?	Req. 445 (now 455) updated in Addendum 08 to state: “The Contractor shall provide image verification services to return the license plate number (LPN), jurisdiction and plate type for rear license plates <u>according to NCTA Business Policies.</u> ”
385	Part I, page 10	1.25	Certificate to Transact Business in NC	Please confirm that the Certificate to Transact Business in NC is only required in case of award of the contract and does not need to be submitted with the Proposal.	Yes. The Certificate to Transact Business in NC shall be provided within 30 calendar days from Notice of Award.
386	Part I, pages 18/19	3.2 Form D-9	Content of Technical Proposal / Non-Collusion forms	Please confirm that only Form D-9 (and not any of the other forms/documents) must be signed before a notary/affidavit, and that a simple signature suffices for the other forms. Also, please confirm that electronic signatures are accepted.	Yes. Electronic signatures are acceptable.
387	Part I, page 29	H 6	Proposal Section 6: Adherence to the Part III, Scope of Work and Requirements, Terms and Conditions and Requirements Conformance Matrix	Please clarify if there is a specific form and/or format to include the exceptions to the Terms and Conditions within Proposal Section 6.	No exceptions will be made at this time.

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388	Part IV, pages 2 and 3	1.3.1	Liquidated Damages	Please clarify if the liquidated damages assessed in the form of a Lane Rental Fee for unauthorized lane closures are also limited to the grand total cost of Implementation Phase for such relevant road.	Yes confirmed.
389	Part IV, page 3	1.3.2	Actual Damages	This section, as well as Section 1.3.3 appear to allow NCTA to collect liquidated damages and actual damages, in the form of lost revenue, for the same period of delay. Please clarify if this interpretation is correct.	Yes confirmed.
390	Part IV, page 3	1.3.2	Actual Damages	This wording appears to allow NCTA to assert a claim for actual damages in the form of lost revenues without first notifying the Contractor and giving the same a cure period to correct the source of the lost revenue. Can you please confirm? Should our interpretation not be correct, please clarify which is the cure period for correction of the source of last revenue.	Yes confirmed. The cure period for correction of the source of last revenue will be determine for each Project and based on the issue that requires to be cured.
391	Part IV, Page 12	17.2	Scope of License	Please elaborate on the possibility of having other “ <i>entities or persons to receive Contractor Services</i> ” which may be added to the software license. To which entities or persons does this refer? In which situations?	The entities shall be NCTA or designated vendor provided by NCTA and associated employees.

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392	Part IV, Page 35	3.1.12	Default	Please clarify the wording “thirty (30) Calendar Days to cure a termination” as the meaning of this language is unclear.	No change will be made.
393	Part I Page 18 of 37	Table I-3: Proposal Page Limitations	Sections 1 through 5: Limited to a combined total of 20 printed pages (excluding all table of contents, list of tables, or list of figures) and a font of 12 point.	Considering that the Proposer is asked to describe in detail their approach to multiple complex topics including but not limited to security policies compliance, meeting performance requirements, multiple test phases, product roadmap, quality control plan, installation process and more, would NCTA consider extending the page limit for Sections 1-5 from 20 to 35 pages?	<p>NCTA will increase the page count for Sections 1-5 to 25 pages.</p> <p>Provide high level approach to solution to address the prompts in Sections 1-5. Provide detailed responses to these prompts and adherence to the Scope of Work in Section 6.</p> <p>Added additional direction to Section 6:</p> <p><u>“7. The Proposer shall use the allotted page count in this section to detail their adherence to the requirements contained in this RFP. Page count does not include Requirements Conformance Matrix.”</u></p>

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394	Part I, Page 1-2 of 37; Part III, 3, 35, 67,	Table I-1: Project Responsibility Matrix; 1.1-1.2 SOW Overview; Req 144.t, 185, 238, 239, Section 5 overview	ITS Equipment Provision and Integration Responsibilities of the Contractor vs. Constructor	<p>The RFP refers to ITS various equipment components that may be included depending on the Scope of Work for a particular project. Table I-1 states that “most ITS equipment and network” will be provided by the Constructor or Concessionaire. Other requirements state that the RTCS Contractor will participate in discussions with the Constructor to review and reach consensus on the Constructor-provided ITS equipment and that the Contractor will be responsible for integrating this equipment into the RTCS.</p> <p>Can NCTA please clarify which, if any, ITS equipment components are required to be provided by the RTCS Contractor? The price sheets include cells for CCTV, DMS, and TRS equipment but it is unclear from the RFP whether the procurement of this equipment is a Constructor or Contractor responsibility.</p>	Per Addendum 06, changes have been made to the D-7 Price Proposal Form, which includes the removal of ITS from the pricing sheets. Detailed scope and pricing for ITS components will be provided in future Task Orders.
395	Form D-7-Price Proposal	4 Toll System Implementation	4-1 Backup Toll System Imp	Please clarify for which size and type of project are the lump sum values for project management, design, testing, and Implementation Documentation; since these values can vary from AET to EXP projects and will vary for projects that differ in the number of sites.	Please refer to information provided in the RFP on the anticipated projects. No additional information is available at this time.

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396	Form D-7-Price Proposal			<p>The RFP states that “All roadways are 2023 Year Costs” and that “No price escalation will be allowed above the costs provided on the Price Proposal Sheets to complete this Work. Prices will be obtained for each Project.”</p> <p>Can NCTA please clarify how Proposers should account for changes in CPI and other project costs for projects that begin after 2023?</p>	Please refer to response in Question #308.
397	Part I, 15 of 37	Table I-2: Procurement Schedule	Proposer Questions Due February 17, 2023 Proposals (Technical and Price) Due March 17, 2023	To ensure that Proposers have adequate time to incorporate NCTA’s responses to questions into proposals, will NCTA please consider extending the due date by an additional two weeks to March 31, 2023?	NCTA will assess procurement schedule for adjustment as needed.
398	Part I, page 36	6.1; Exhibit D-10 Surety Commitment Letter	Notification of Award	<i>According to the RFP, the letter must state “that the Proposer can provide bonding capacity of at least \$20,000,000 for a Project over a 2-year period”. However, the Consent of Surety template in Exhibit D-10 does not include such language. Please confirm if Proposers should complete and sign the letter as-is or if this additional wording should be added to the template.</i>	Complete the letter as-is. The letter accurately references the RFP for the bond value.
399		Form D-6-Requirements	Requirement 417	RFP Wording: The Contractor shall support the connection of outside interfaces to the data warehouse for NCTA data collection,	NCTA anticipates connecting by ETL tools or similar technology

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		Conformance Matrix		<p>management and analysis purposes.</p> <p>Question: please provide some detail as to what outside interfaces are covered by this requirement.</p>	from its data warehouse to retrieve RTCS information.
400		Form D-6-Requirements Conformance Matrix	Requirement 216	<p>RFP Wording: The Contractor shall coordinate in-lane Equipment design, installation specifications, structural requirements and drawings for mounting the Equipment to the overhead toll gantry at each RTCS location as it relates to the Contractor’s Equipment requirements to the Constructor, including but not limited to: Equipment mounting locations and installation instructions for mounting structure and mounting brackets, conduit, junction box, electrical requirements, wind load, Equipment load and power calculations, deflection and vibration limits for the various tolling Equipment, as well as Contractor Requirements related to special electrical grounding and isolated circuit integrity by Equipment.</p> <p>Question 1: Please confirm that the DB Constructor will be responsible for constructing/provisioning a completed gantry structure, including mounting structures and arms, leaving the RTSC Contractor to provide</p>	<p>For Question 1 yes.</p> <p>For question 2: this will be determined for each Project.</p>

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				<p>the minor fastenings and bracketry required specifically to install each individual device.</p> <p>Question 2: Does NCTA intend for the Express Lanes gantries to be butterfly-type structures, each covering express lanes in both directions and sharing the same pad in the middle? If yes, will each such butterfly gantry be considered two toll zones (1 per direction) or one bi-directional toll zone?</p>	
401		Form D-6-Requirements Conformance Matrix	Requirement 144, I)	<p>Question 1: Please provide detail on approved NCTA locations referenced here.</p> <p>Question 2: Are the toll Equipment pads (or equivalent thereof at the approved NCTA locations) comprised of a space next to the gantry structure? What are the typical layouts and dimensions of these pads/spaces?</p>	<p>Question 1: Details will be determined in future Task Orders, as needed.</p> <p>Question 2: Attachment 9 - NCTA Standard Drawings have been provided as part of Addendum 06 for reference. Designs may vary in future Task Orders.</p>
402	PDF Page 110	STCS-RFP.pdf, Part III – Scope of Work and Requirements, Req. 288	4.2.2.2 Automatic Vehicle Detection and Classification (AVDC) System, Req. 288	<p>RFP Quote: Classification of vehicles traveling on the shoulder lanes is not required; however, the RTCS shall detect vehicles that travel on the shoulder and trigger the Image Capture & Processing System (ICPS).</p> <p>Question: Please confirm that the Authority does not intend for the shoulders to be</p>	<p>The AVI and ICPS on the shoulders are intended to capture vehicles that straddle or attempt to drive on the shoulder.</p>

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				drivable, and the AVI and ICPS on the shoulders are intended to capture vehicles that straddle or attempt to drive on the shoulder illegally.	
403	PDF Page 20	STCS-RFP.pdf, Part I – Administrative, 1.28	1.28 Insurance Requirements	Regarding the Technology E&O policy, the RFP requires \$10 Mil, which is higher than typical. Will the Authority consider changing the policy to \$5 Mil per occurrence and in the annual aggregate?	No change will be made.
404	PDF Page 21	STCS-RFP.pdf, Part I – Administrative, 1.28	1.28 Insurance Requirements	Regarding the Cyber Liability policy, the RFP requires \$10 Mil, which is higher than typical. Will the Authority consider changing the policy to \$5 Mil per occurrence and in the annual aggregate?	No change will be made.
405	PDF page 84	STCS-RFP.pdf, Part III – Scope of Work and Requirements, 2.7	2.7 Training Program and Plan	<p>RFP Quote: The training program shall recognize and incorporate the plan for NCTA to operate the toll collection system.</p> <p>Question: Is it NCTA’s plan to potentially take over operations of the entire system (all 3 levels of maintenance) at the conclusion of the base contract period?</p>	<p>The RFP has been updated in Addendum 08 to remove level 3 maintenance from training scope.</p> <p>The Contractor shall train NCTA or its designated staff on how to provide Level 1, and Level II and Level III Maintenance Services.</p>

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406	PDF page 106	STCS-RFP.pdf, Part III – Scope of Work and Requirements, Req. 253	4.2.1. General RSS Functional Requirements	RFP Requirement: (Express Lanes Excluded) The RSS for AET Zones shall accurately detect the number of vehicle and include all data in the Toll Transaction. Question: Please elaborate on this requirement with more detail.	Corrected in Addendum 06 to read: (Express Lanes Excluded) The RSS for AET Zones shall accurately detect the number of vehicle <u>axles</u> and include all data in the Toll Transaction.
407	N/A	D-7 Price Proposal	4 Toll System Implementation	Cell E5 is linked to '4-1 Backup Toll System Imp'!E22, which seems to be empty. Please Review	Corrected in Addendum 06 to read: (Express Lanes Excluded) The RSS for AET Zones shall accurately detect the number of vehicle <u>axles</u> and include all data in the Toll Transaction.
408	N/A	D-7 Price Proposal	4 Toll System Implementation	Cell D6 is linked to '4-1 Backup Toll System Imp'!D32, which seems to be empty. Please Review	Exhibit D-7 Price Proposal updated in Addendum 08.
411		Form D-6-Requirements Conformance Matrix	Requirement 451	RFP Wording: The Contractor shall provide all maintenance activities associated with the RTCS maintenance and Software support services throughout the term of the Contract as further set forth in this SOW and Requirements. Question: In order to properly price ITS/Network maintenance services, please provide quantities for ITS devices to be furnished by the RTSC Contractor (excluding the	Per Addendum 06, changes have been made to the D-7 Price Proposal Form, which includes the removal of ITS from the pricing sheets. Detailed scope and pricing for ITS components will be provided in future Task Orders.

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				ones provided by the Constructor) and fiber optics’ lengths, or simply provide the length of the road for pricing purposes.	
412		D-7 Price Proposal	5 Roadside Maintenance 6 TRH Maint	<p>These pricing sheets require maintenance pricing for years 1 through 5 for the Base contract. SOW Requirement 452 says: “Hardware, Software, and RTCS Maintenance Services shall be provided from GO-Live of RTCS through the end of Contract Term (including extensions) as further set forth in Part IV, Terms and Conditions with full warranties as further set forth therein.” The base Contract Term is 5 years, but it’s not all maintenance; some of this term is implementation, which means base-term maintenance will be less than 5 years.</p> <p>Question: Please advise which/how 5 full years of maintenance pricing should be included in these sheets, taking into account requirement 452 above.</p>	The Maintenance Term will be 5 years from Implementation Go live.
413		Form D-6-Requirements Conformance Matrix	Requirement 532	Please confirm that all Communications Network (fiber optics) and devices provided by the Constructor is out of the Constructor’s scope, and please provide Attachment 3: I-5507 Constructor Plans & Requirements.	Requirement 532 updated in Addendum 06 to state: "The Contractor shall maintain the RTCS LAN/WAN that includes all Contractor network connections in the toll Equipment cabinets and

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					interconnections between the toll Equipment cabinets as defined <u>per project in future Task Orders.</u> in Attachment 3-1-5507 Constructor Plans & Requirements."
414	PDF page 108	STCS-RFP.pdf, Part III – Scope of Work and Requirements, Req. 268	4.2.1. General RSS Functional Requirements, Req. 268	RFP Quote: All Toll Zones shall be capable of processing and creating lane transactions for a minimum 2,000 vehicles per lane per hour with no loss of data and with all vehicles with front and rear license plates and an AVI Transponder. Questions: Is this number for rush hour only or for 24 hours/day, sustained? If it is for sustained 24 hours/day, we need to know that for data retention calculations and more.	Consider this capacity for a sustained 3 hour rush hour period. Long term data retention calculations should be based on average annual volumes, rather than peak.
417	128	STCS-RFP.pdf, Part III – Scope of Work and Requirements, 4.3.3.	4.3.3. Image Verification Services	RFP Quote: NCTA will provide the Contractor 60 Calendar Days’ notice to transition to continue with Image Verification Services. Question: We understand that this transition will involve accommodating the transfer of the operational manual review service function to the OBO provider, who will have its own manual review software application that RTSC will have to interface with. Please confirm.	NCTA may elect to transition Image Verification Services or other services to another vendor as it deems necessary.

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418	PDF page 130--131	STCS-RFP.pdf, Part III – Scope of Work and Requirements, 5.1	5.1 Roadway Maintenance Services – General Requirements, requirements 451-457	Among requirements 451-457 in this section, some contain references to multiple levels of maintenance, including Level I. Please update this section to show that Level I activities do not fall within the RTSC Contractor’s purview.	Per Addendum 06, the RFP Requirements surrounding Level 1, Level 2, and Level 3 maintenance have been amended. Please reference the latest version of the RFP & Form D-6 Requirements Conformance Matrix on the NCTA Connect Site.
419	PDF page 131	STCS-RFP.pdf, Part III – Scope of Work and Requirements, Req 455	5.1 Roadway Maintenance Services – General Requirements, Req 455	RFP Quote: All Equipment mounting Hardware and brackets provided as a part of this SOW and Requirements shall be included under Maintenance Services and, as such, shall be warrantied for the life of the Contract. Question: Please confirm that the warranty only applies to instances where improper installation by the RTSC Contractor is established. Please confirm that it does not apply if damage is due to improper maintenance by others, such as the Level I Maintenance provider.	Confirmed.
420	PDF pages 138-139	STCS-RFP.pdf, Part III – Scope of Work and Requirements, 5.1.7.1.	5.1.7.1 Preventive Maintenance;	Some requirements in this section contain references to multiple levels of maintenance, including activities that ostensibly belong under Level I. Please update this section to show that	Per Addendum 06, the RFP Requirements surrounding Level 1, Level 2, and Level 3 maintenance have been amended. Please reference the latest version of the RFP & Form

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				Level I Maintenance activities do not fall within this RTSC contract.	D-6 Requirements Conformance Matrix on the NCTA Connect Site.
421	PDF page 138	STCS-RFP.pdf, Part III – Scope of Work and Requirements, Req. 480, e)	5.1.6. Monitoring and System Administration Services, Req 480 e)	RFP Quote: e) Updates to the RTCS and application to support the addition of new interoperable agencies; Question: Please elaborate on this requirement and the expected role of the RTSC Contractor in supporting the addition of new interoperable agencies.	The Contractor shall be responsible for supporting the provision of new interoperable agencies.
423	PDF Page 131	STCS-RFP.pdf, Part III – Scope of Work and Requirements, Req. 458	5.1.1. RTCS Warranty Program, Req. 458	RFP Quote: The Contractor shall be responsible for the development, implementation, and administration of a warranty program for all Hardware, Contractor developed, and third-party Software as further set forth in Part IV, Terms and Conditions. Question: Please confirm that for lane hardware, the RTSC Contractor will be able to transfer warranty and the corresponding responsibility to your Level I Maintenance provider.	Per Addendum 06, the RFP Requirements surrounding Level 1, Level 2, and Level 3 maintenance have been amended. Please reference the latest version of the RFP & Form D-6 Requirements Conformance Matrix on the NCTA Connect Site.
424	PDF Page 136	STCS-RFP.pdf, Part III – Scope of Work and	5.1.6. Monitoring and System Administration Services, Req. 479	RFP Quote: System administration services shall include monitoring and corrective action to ensure system performance is in accordance with Requirements of this SOW. This shall	Per Addendum 06, the RFP Requirements surrounding Level 1, Level 2, and Level 3 maintenance have been

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		Requirements, Req. 479		include but is not limited to: [...] i) scheduling of preventive, corrective and predictive maintenance activities. Question: Please confirm that Level I maintenance supplier will schedule its own maintenance activities in coordination with RTSC Contractor’s Level II and Level III teams.	amended. Please reference the latest version of the RFP & Form D-6 Requirements Conformance Matrix on the NCTA Connect Site.
425		STCS-RFP.pdf, Part III – Scope of Work and Requirements,	5.1.5. RTCS Hardware Maintenance and Software Support Services	RFP Quote: The requirements in this Section 6.2.5 describe Hardware Maintenance and Software Support Services for Level III Maintenance Services as described below. The Proposers shall describe how it will perform Level III Maintenance Services in its Proposal. Question: Please confirm that physical lane hardware maintenance support activities in connection with items listed in this subsection (except software) will be done by the Level I maintenance vendor.	Per Addendum 06, the RFP Requirements surrounding Level 1, Level 2, and Level 3 maintenance have been amended. Please reference the latest version of the RFP & Form D-6 Requirements Conformance Matrix on the NCTA Connect Site.
426		Form D-6-Requirements Conformance Matrix	Requirement 474	Please confirm that RTSC Contractor’s operations responsibility is limited to monitoring/reporting system performance, and that physical roadway traffic operations monitoring, e.g., viewing CCTV feeds, DVAS feeds, etc. is excluded from RTSC Contractor’s	The Contractor is responsible for all monitoring and operation of the toll system. Incident management is the responsibility of NCTA Operations Staff.

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				scope and is performed by NCTA traffic operations staff or others.	
427		Form D-6-Requirements Conformance Matrix	Requirement 477	Please, provide details on security access cameras: are those cameras installed at the TMC?	No additional information is available at this time. this information will be provided with each Project.
430		Form D-6-Requirements Conformance Matrix	Requirement 380	Is it necessary to integrate RTSC Contractor’s TRH and NCTA-managed Active Directory?	Yes, if Active Directory is available from NCTA.
431		Form D-6-Requirements Conformance Matrix	Requirement 144, I)	Will the NCTA-provided AVI reader be Kapsch Janus MPR II (product sheet)? Which is the brand and model of the NCTA-provided AVI antenna? Is the typical installation kit supplied by Kapsch included as part of the antenna procurement by NCTA?	This will be determined for each Project.
432		Form D-6-Requirements Conformance Matrix	Requirement 219	Does the HVAC have to be powered by UPS?	The Proposer shall make all assumptions in its Proposal.
433		Form D-6-Requirements Conformance Matrix	Requirement 539	RFP Verbiage: The Constructor will provide, terminate, and test the fiber connections from Toll Zone to Toll Zone. The Contractor is responsible for all network	No additional information is available at this time. This information will be provided with each Task Order.

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				<p>Equipment/switching at the Toll Zone and is responsible for all elements of the Local Area Network (LAN). The Contractor is responsible for Wide Area Network (WAN) connections to the NCTA CBOS.</p> <p>Question: Please confirm that the Constructor will provide terminated and tested fiber optics up to the patch panel to be allocated inside the RTSC Contractor’s cabinet. Otherwise, please clarify.</p>	
435		D-7 Price Proposal	2-1 Backup AET Roadside and 2-3 Backup EXP Roadside	<p>Please note that Kapsch readers serve more than one lane each. Kapsch antennas often need to be installed in each lane and drivable shoulder, and also between lanes (and shoulders). Finally, newer overhead technologies for some other subsystems allow the use of sensors that cover 2 or more lanes with a single device. Therefore, please reformat per-zone, per-lane and per-shoulder Quantity fields in the price proposal template D-7 to be able to show fractional quantities, e.g.,1.5 antennas, 0.5 sensor coverage per lane, etc.</p>	Exhibit D-7 Price Proposal updated in Addendum 08.
436	PDF page 117	STCS-RFP.pdf, Part III – Scope of Work and	4.3.1. Transaction Reconciliation Host (TRH), Req. 350	<p>RFP Requirement: TRS data shall be made available to the CBOS and to CSR’s, available for review for at least one hundred eighty (180) Calendar Days. The history shall be viewed using a browser-based access that does not</p>	State assumptions in proposal.

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		Requirements, Req. 350		<p>require any applications loaded on the CSR workstations.</p> <p>Question: Between NCTA operations staff, Level I maintenance provider, NCTA’s CBOS provider personnel and CSR’s, how many individuals will need access to TRH in total, to support this and other access requirements throughout this statement of work?</p> <p>Question 2: How many third parties and Agencies are expected to access TRH?</p>	
439		Form D-6- Requirements Conformance Matrix	Requirement 576	Please provide the total size of both Full Transponder Status List and Incremental Status Transponder List	Full Transponder List is approximately 75 million, with an uncompressed size of 1.5 GB, and expected to grow with project openings, new regions, and interoperability. Incremental files are typically 5,000 records.
440		Form D-6- Requirements Conformance Matrix	Requirement 288	What does “infer” the vehicle axle count mean? Why “infer” and not “count”?	Requirement language (now 290) has been updated in Addendum 08 to clarify all systems must provide axle, length, width and height measurements, but classification accuracy will be assessed as detailed in applicable TO.

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					<p>Revision: (290) "The AVDC system shall infer determine the vehicle axle count as well as determine vehicle length, height and width to classify vehicles in accordance with the NCTA vehicle classification structure for all travel lanes and shall include the logic to handle the exceptions identified. Classification of vehicles traveling on the shoulder lanes is not required; however, the RTCS shall detect vehicles that travel on the shoulder and trigger the Image Capture & Processing System (ICPS). <u>The vehicle classification structure for each facility type is defined in requirements 291 and 292.</u>"</p>
441		D-7 Price Proposal	2-1 Backup AET Roadside 3. Equipment Cabinets/Enclosures and Racks	Portable Generators are mentioned in the pricing sheet. However, the statement of work only includes requirements for Generators, not Portable Generators. Please confirm whether portable generators are required or not, and whether they are required in addition to	Exhibit D-7 Price Proposal updated in Addendum 08.

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				stationary generators. Please, provide technical requirements for portable generators if they are required.	
442		D-7 Price Proposal	2-1 Backup AET Roadside 3. Equipment Cabinets/Enclosures and Racks	Regarding Beacons that are included as a pricing line item in these sheets, please provide details. Are these beacons related to HOV transponder status? Beacons are only mentioned in the Maintenance section of the SOW and in the pricing sheet, but not in technical requirements.	Exhibit D-7 Price Proposal updated in Addendum 08.
443		Form D-6- Requirements Conformance Matrix	Req. 268	Req. 268: Simulation Software shall be accepted as a method of compliance with this requirement to ensure the system is properly sized, coded and configured to achieve the highest level of system efficiency for processing all types of transactions that shall be processed on the NCTA toll roads. Question: Is this simulation software required for FAT? What about other testing phases?	Yes simulation software may be used for FAT. Simulation is not desired but NCTA understands it may be used if approved by NCTA in other test phases.
444				Req 389: The Contractor shall provide at their cost an annual information security risk assessment to be performed by a third-party approved by NCTA and in consultation with NCDOT IT security. The Contractor shall provide the assessment results to NCTA.	The RTCS Contractor shall pay for the annual information security risk assessment by a

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				Question: Who pays the third party that will perform the annual risk assessment, NCTA directly or the RTSC Contractor?	third party and include this cost in the O&M pricing.
445	PDF Page 20	STCS-RFP.pdf, Part I – Administrative, 1.28	Requirement 289	<p>Question 1: The RFP does not contain technical requirements for an automated VOD system, and it is ostensibly not included into the initial scope. For LOV and HOV categories, how should the number of occupants be determined in the absence of an automated VOD system? From transponder self-declaration?</p> <p>Question 2: How do we identify Transit Vehicles and First Responder Vehicles to classify as such? Only by Transponder ID?</p>	<p>1. VOD use will be determined in future Task order(s). In the absence of a VOD, assume self-declaration via methods available at time of Task Order.</p> <p>2. Attachment 1 - NCTA Business Policies.</p>
446	PDF Page 20	STCS-RFP.pdf, Part I – Administrative, 1.28	Requirement 291	In case AVDC primary system experiences a failure and the system works off of a secondary sensor, will he same KPI’s apply, or does the Authority intend to allow degraded mode for a pre-determined grace period?	The Contractor shall meet all Requirements of the Contract and may use degraded mode functionality if this is required to meet the Requirements.
449		Form D-6- Requirements Conformance Matrix	Requirement 552	RFP Verbiage: For failure to maintain spare parts inventory at adequate levels for the month, the Contractor may be subject to monthly fee adjustment of \$500 per month for each failure to maintain spare parts inventory per the counts required.	This requirement applies to Contractor for those Spare Parts provided by the Contractor.

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				Question: Please confirm this requirement is not applicable to the RTCS Contractor, since spares inventory management is under Level 1 Maintenance scope to be done by others.	
451	PDF Page 9	SRTCS-Exhibits-FINAL.pdf, Exhibit C – Price Proposal Instructions	1 GENERAL INSTRUCTION	RFP Wording; Implementation and “Future Zone Type” pricing should be entered in 2023-dollar values. Question: We could not find a “Future Zone Type” section or tab in the pricing sheets. Please advise.	Statement updated to the following in Addendum 08: "The Price Proposal shall be inclusive of all costs, fees and applicable taxes needed to meet the requirements of the RFP, included in Part III, Scope of Work and Requirements. Implementation and “ Future Zone Type ” System Cost pricing should be entered in 2023-dollar values. Maintenance labor costs should be entered in 2023-dollar values."
452		Form D-6-Requirements Conformance Matrix	Requirement 232	RFP Wording: The Contractor may install the secondary host at a Contractor location within the contiguous United States as approved by NCTA. The Contractor is responsible for securing the connectivity from such a secondary	Disaster Recovery System requirements added to the RFP in Addendum 08 as Section 4.3.1.7 TRH Disaster Recovery System.

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				<p>location to the NCTA CBOS.</p> <p>Question 1: Please explain what is meant by “secondary host”? Is it a clone of the primary host for both to run concurrent processes? Is it more like disaster recovery? Please clarify its function.</p> <p>Question 2: Is secondary host only needed for on-premise solutions? If also required for cloud-based solutions, then what constitutes a separate location – just a separate environment?</p>	
453		Form D-6-Requirements Conformance Matrix	Requirement 413	<p>RFP: The Contractor shall provide a replicated database environment independent and separate of the host production environment for reporting and analytics to which NCTA will have full access.</p> <p>Question 1: How many NCTA team members will need this access?</p> <p>Question 2: Is RTSC Contractor to build the reports for NCTA personnel? Or is NCTA personnel going to access the data to run in a different reporting application?</p> <p>Question 3: Can you please provide a listing, the anticipated number or a sample set of reports that you expect to run? Having some detail/specification of the type of reports</p>	<p>Question 1: for the purpose of the bid, 50 users.</p> <p>Question 2: Proposers shall include reports available in its Proposal. NCTA may modify or build new reports as it deems necessary.</p> <p>Question 3: Refer to Attachment 5 - NCTA Reports and Analytics Templates for examples of potential reports.</p>

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				and/or number of reports for the Host is important for data usage sizing, and more.	
454		Form D-6-Requirements Conformance Matrix	Requirement 231, 234	Who designs the network? Does the DB Constructor design it for the entire system, by rolling RTSC Contractor’s function-specific network design up into the Constructor’s top-level design? Does the Constructor then provision and install the entire network?	For the purpose of this proposal, consider the following. Conditions may change and be assessed for future Task Orders. The DB constructor designs and provides the fiber network across the facility. Patch panels will be provided at each toll zone. The Contractor will design their network topography based on the fiber provided. The Contractor will be responsible for any additional provisions needed to accomodate an ISP circuit for communication outside the facility.
455		D-7 Price Proposal	7-1 Image Verification Services	The header row states: Image Verification Services only Costs (Optional). Including all Labor and Other Direct Cost Items per Image Transaction. Question 1: Why is image verification labeled as optional? Question 2: Are the “Sample Monthly Unit” quantities supposed to represent all the	Question 1: NCTA may include optional image verification services in the future. Question 2: the monthly cost is for post-roadside ALPR. Question 3: this is for up to 4

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				<p>images/transactions coming from the roadside post-ALPR, or only the ones specifically flagged for manual image review?</p> <p>Question 3: Please explain the “up to 4 images per vehicle” and “up to 8 images per vehicle” instructions. Are these supposed to be sets of front LP, rear LP, ROI and overview camera image? Why does the instruction change to from 4 to 8 for just one year?</p>	<p>images per vehicle. Please refer to Addendum 06.</p>
456		D-7 Price Proposal	9 Additional Services Rates	<p>Question: The CPI adjustment note in this pricing sheet ostensibly contradicts Exhibit C – Price Proposal Instructions, 1 GENERAL INSTRUCTION: “No price escalation will be allowed above the costs provided on the Price Proposal Sheets to complete this Work. Prices will be obtained for each Project.” Please clarify.</p>	<p>Please refer to response in Question #308.</p>
457	PDF Page 37	STCS-RFP.pdf, Part I - Administrative	Table 1-5: Forms and Submittal Checklist	<p>Regarding the Preliminary Project Implementation Schedule required to be submitted in Technical Proposal Section 7. Is the Authority looking for two preliminary schedules, one for an Express Lanes system and one for an AET system, or a generic schedule that covers both/either?</p>	<p>Preliminary Schedules will be provided as part of future Task Order proposals. Table 1-5 updated in Appendix 08.</p>

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458	PDF Page 31	STCS-RFP.pdf, Part I - Administrative	E. Proposal Section 3: Approach to Scope of Work and Requirements, 8	<p>RFP Wording: 8. Provide a preliminary bill of materials (BOM) in Proposal Appendix 2 that meets the requirements set forth and described in Part III, Scope of Work and Requirements for both AET LANES and Express Lanes. (Note in your response to this item that it has been provided in Proposal Appendix 2). The BOM shall fully match the Equipment and third-party products in the Price Proposal. (Do not include any pricing in this version of the BOM). Identify a second source for each type of Equipment where possible. The Contractor shall provide an updated BOM for each Project with specific components for each Project in the Task Order.</p> <p>Question: Should we provide one (1) combined BOM for two (2) projects essentially, combining devices/materials for a 10-zone AET and a 10-zone Express Lanes system?</p>	Provide a separate BOM for each configuration included in the updated Exhibit D-7 Price Proposal provided in Addendum 08. Assume each configuration will be applied to a 10 zone facility for each BOM.
459	PDF Page 152	STCS-RFP.pdf, Part III – Scope of Work and Requirements	Table 2: RTCS Performance Requirements	Regarding vehicle classification at an accuracy rate of 99.80% or more, does this requirement apply equally to AET and EXP roadway types? The classification schedules themselves are quite different.	Yes, the Requirement applies to both AET and EXP Lanes. Please include any assumptions or system limitations in its Proposal.
460	RFP PDF,	STCS-RFP.pdf, Part III – Scope of Work and	4.3.1.1 Critical Environmental	RFP Requirements: “The Contractor shall provide a Critical Environmental Monitoring System (CEMS), which shall consist of an	For Question 1-2: this will depend on the Contractors solution and Proposers shall

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	Page 123	Requirements,, 4.3.1 Transaction Reconciliation Host (TRH),	Monitoring System (CEMS)	<p>environmental monitoring unit for the HVAC and other environmental conditions. The environments monitored shall vary as appropriate depending on the enclosure type (roadside cabinet, or Equipment enclosure) and shall include:</p> <ul style="list-style-type: none"> a) HVAC status (on/off); b) temperature; c) humidity; d) utility power; e) UPS power; f) smoke detector; and g) Carbon monoxide detector.)” <p>Question 1: Where do you foresee installing the HVAC system? Inside cabinets or inside shelters? Please clarify indicating what kind of cabinets or shelters with HVAC are required and provide technical specifications.</p> <p>Question 2: Where do you foresee installing the smoke detectors? Inside cabinets or inside shelters? Please clarify, indicating what kind of cabinets or shelters with smoke detectors are required and provide technical specifications.</p>	identify and include all assumptions in its Technical Proposal.

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461		D-7 Price Proposal	2-2 & 2-4. PSP	What type of DMS, of those specified in the "Project Special Provisions (PSP)," must be quoted?	Exhibit D-7 Price Proposal updated in Addendum 08. ITS pricing has been removed and will be addressed in future Task Orders.
462	RFP PDF, Page 79	STCS-RFP.pdf, Part III – Scope of Work and Requirements	2.4 Installation Drawings, 55, o)	RFP Requirements: “lightning and surge suppression system” Question: It is our understanding that lightning system should be in the DB Constructor’s scope, and not RTSC Contractor scope. Please confirm and update the requirement.	Lightning and surge suppression is also in the Contractor responsibility.
463	RFP PDF, Page 95	STCS-RFP.pdf, Part III – Scope of Work and Requirements	2.10.6. Electrical Work	RFP Requirements: “Electrical work to be performed under this Contract shall include, but not be limited to the following general items of work: a) Provide and install Surge Protection Devices (SPD) as required to protect all toll collection Equipment and electronics. b) Install junction boxes and terminate new cable and conduit attachment devices, where applicable. c) Bond all conduits, manhole frames, and other conductive items to the grounding system in conformance with the NEC.”. Question: It is our understanding that grounding system should be in the DB	No change will be made.

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				Constructor’s scope, and not RTSC Contractor scope. Please confirm and update the requirement.	
464	PDF page 90	STCS-RFP.pdf, Part III – Scope of Work and Requirements	2.9 Disaster Recovery Plan Req. 134	In a cloud-based solution, Disaster Recovery functionality and service availability will be guaranteed by the cloud provider, taking into account that the main public cloud providers offer Availability Zones that, at least, have different datacenters separated by distance to ensure service availability. Please, confirm that this approach is correct for DR requirements.	Confirmed
465	PDF page 107	STCS-RFP.pdf, Part III – Scope of Work and Requirements	4.2.1 General RSS Functional Requirements Req. 261	In case of a cloud solution, is it possible to synchronize with a specific native Network Time Protocol (NTP) Service offered by a public cloud provider? On other hand, please confirm that stratum-1 time sources supply is out of scope of this RTSC contract.	Proposers should include any proposed exceptions or alterations to requirements within the RCM and provide reasoning.
466	PDF page 104	STCS-RFP.pdf, Part III – Scope of Work and Requirements	3.1.3. Communications	Question: Will have FO Network for the Project connectivity with NCTA Control Center? Question 2: Is the RTSC Contractor Responsible for providing Active communication devices to provide connectivity between FO Network and NCTA Control Center? Question 3: Where is NCTA Control Center located?	Proposer to assume an ISP circuit is required for connectivity from the Facility to all external entities (i.e. TRH, CBOS, NCTA Control Center, STOC, MRTMC as applicable). The Constructor provides the fiber backbone within the Facility. The Contractor

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					provides all equipment and services to establish a secure network on the provided fiber backbone.
467	PDF page 104	STCS-RFP.pdf, Part III – Scope of Work and Requirements	3.1.3 Communications Req. 229	Req 229: The LAN within a toll site shall be connected by CAT6 (or higher) cabling. The LAN connections from the gantry to the roadside Equipment may either be CAT6 or multi-mode fiber-optic (MMFO) cable, according to the Contractor's design. The Contractor shall be responsible for providing and obtaining the WAN connectivity from any primary or secondary host locations to the NCTA CBOS. Question: Please confirm if the required connection between the NCTA facilities and the cloud solution should be included in the RTSC Contractor's proposal or if it will be provided by NCTA based on RTSC Contractor’s proposed solution requirements.	Yes, the required connection between the NCTA facilities and the cloud solution should be included in the RTSC Contractor's proposal.
468	PDF page 104	STCS-RFP.pdf, Part III – Scope of Work and Requirements	3.1.3. Communications, clause 231	Please, confirm if the WAN connection to the NCTA CBOS are the two ISP connections stated in Req. 231.	The details of the WAN connection to NCTA CBOS will depend on the Proposer's TRH design. Proposer should detail and price all required network items needed to provide a secure and reliable connection to NCTA CBOS.

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469	PDF page 104	STCS-RFP.pdf, Part III – Scope of Work and Requirements	3.1.3. Communications, clause 224	Could you clarify what is the scope of the contractor responsibility regarding the RTCS WAN communications?	Refer to 466 and 468 responses.
470	PDF page 104	STCS-RFP.pdf, Part III – Scope of Work and Requirements	3.1.3. Communications, clause 229	Please clarify the anticipated connection points from the primary or secondary host locations to the NCTA CBOS.	Contractor to detail their proposed method to complete these connections in conformance to requirements. Refer to 466 and 468 responses.
471	PDF page 104	STCS-RFP.pdf, Part III – Scope of Work and Requirements	3.1.3. Communications, clause 233	Could you clarify what is the purpose of those ISP’s? Who has to provide them? How many demarcation points and ISP’s do you anticipate?	Refer to 466 and 468 responses.
472	PDF page 104	STCS-RFP.pdf, Part III – Scope of Work and Requirements	3.1.3. Communications, clause 233	Is the RTSC Contractor supposed to provide the connection between onsite fiber network and primary and secondary host? If not, who has to provide that connection? That connection has to use the ISP?	The Contractor shall provide connection between onsite fiber network and primary and secondary host.
473	33	Part I – Administrative / 6.1 Exhibits D Forms, D-12	Notification of Award D-12 – Bid Bond Forms	Section 4.2.6 states an original of the bid bond shall be included in the Price Proposal Package. However, Section 6.1 states “All bid and performance bonds will be handled using the following procedures for each Project. The Payment and Performance Bonds shall be provided with the Project after the issuance of each Task Order.”	Please refer to response in Question #74.

Section A – Official log of Proposers’ questions and NCTA’s responses

#	Page	Section	Section Title	Proposer Question	NCTA Response
				Which is correct? Is a bid bond required for this effort.	
474		Exhibits D Forms, D-12	D-12 – Bid Bond Forms	What is the value or percentage the contractor shall include in the Bid Bond?	5% of \$20,000,000 as stated in Part 1, Section 6.1 Notification of Award.
475		Exhibits D Forms	Form D-2 List of Subcontractors and RS-2 Form	In accordance with Form D-2 List of Subcontractors and RS-2 Form (PDFs of all forms are presented below. A fillable PDF of the RS-2 form is “paperclipped” to the RFP file for ease of completion.), Vertex is not able to locate the RS-2 fillable PDF.	Provided as part of Addendum 07.

Section B – Official revisions to the Statewide Roadside Toll Collection System RFP

REVISIONS: Following are the revisions to the RFP documents for Addendum #8 (deletions are in red text and struck through, additions are in red text and underlined)

- I. RFP cover page has been modified as follows:

Issue Date: January 20, 2023
~~Updated through Addendum 6 (June 12, 2023)~~
Updated through Addendum 8 (June 22, 2023)

2. RFP Table of Contents has been modified as follows:

Attachments

~~Attachment 8 – NCTA Example Change Order~~

Exhibits

~~D-12 – Bid Bond Forms~~

3. Part I Administrative, Section 3.2 Content of Technical Proposal has been modified as follows:

Proposals shall be prepared simply and economically, providing a straightforward, concise description of the Proposer's ability to meet the requirements of the RFP. To that end, Technical Proposal Sections 1 through 5 shall be limited to a combined total of 20 25 pages and Technical Proposal Section 6 shall be limited to a total of 50 pages. Portions of the Proposal that are excluded from these page limitations are shown below in **Table I-3: Proposal Page Limitations**.

Section B – Official revisions to the Statewide Roadside Toll Collection System RFP

Table I-3: Proposal Page Limitations

Proposal Sections to be Completed by a Proposer	Page Count Limitations
Cover Letter	Up to 2 pages
Executive Summary	Up to 2 pages
Section 1: Firm Qualifications	Limited to a combined total of 20-25 printed pages (excluding all table of contents, list of tables, or list of figures) and a font of 12 point.
Section 2: Key Team Qualifications	
Section 3: Approach to Scope of Work and Requirements	
Section 4: Approach to Product Roadmap	
Section 5: Approach to Implementation, Operations and Maintenance	
Section 6: Adherence to the Scope of Work and Requirements, Terms and Conditions and Requirements Conformance Matrix	Limited to a total of 50 printed pages (excluding all table of contents, list of tables, or list of figures, <u>or Requirements Conformance Matrix</u>) and a font of 12 point. The Proposer shall describe how it will meet the Scope of Work and Requirements using the first section level sub header (e.g. 6.1). for Part III Scope of Work, Sections 3-76 .
Section 7: Forms & Submittals	No limitations
Price Proposal	No limitations
Appendix 1: Audited Financial Statements (Two Years)	No limitations
Appendix 2: Preliminary Bill of Materials (BOM)	No limitations
Appendix 3: Sample Reports, Dashboards and analytics	No limitations

The Technical Proposal shall be submitted in the format shown below. The cover sheet for the completed Proposal, provided as **Exhibit D-1, Forms**, shall be included at the front of the Technical Proposal package submitted to NCTA, as directed in this Section 3.2 below. ~~The cover letter is not subject to the page limitations.~~ The Technical Proposal criteria below will be used to select Contractor(s). However, Requirements will be provided for each Task Order executed within the Contract and the selection of Contractors to perform work will be based on the Requirements for each Project in accordance with the best interest and sole discretion of NCTA.

E. Proposal Section 3: Approach to Scope of Work and Requirements

3. Discuss the Proposer's approach to meeting all data summarization, data warehouse Requirements as outlined in Sections ~~5.4~~ 4.3.1.4 Data Summarization and 4.3.1.5 Data Warehouse of **Part III- Scope of Work and Requirements**, and External Interfaces and Data Requirements as outlined in Section ~~5.5~~ 4.3.1.6 of the **Part III, Scope of Work and Requirements**.

Section B – Official revisions to the Statewide Roadside Toll Collection System RFP

10. Discuss the Proposer’s Design approach and tools available for ensuring and confirming:

- a. That there are no missing Toll Transactions and associated meta data and all vehicles are accurately captured and reported, including during failover from the primary controller to the secondary controller;
- b. Receipt of all transactions at the TRH;
- c. Guaranteed successful transmission of all AVI transactions to the CBOS/OBO;
- d. Guaranteed successful transmission of all image-based transactions and images ~~to the existing contractor provided host and~~ to the NCTA CBOS/OBO;
- e. Guaranteed successful transmission of all transactions to the NCTA CBOS/OBO, and;
- f. That all errors, exceptions, missing, and failed transactions are identified and reported as further set forth in **Part III, Scope of Work and Requirements**.

15. Discuss the Proposer’s response ability to interface with a **NCTA provided CBOS and future OBO** that will support the existing Projects using web services. The Proposer shall ~~provide its ICD’s and use the ICD provided in Attachment 6 NCTA CBOS to RSS ICD-v2 as a reference to discuss~~ how it would integrate to a NCTA provided CBOS/OBO. The Proposer shall describe its approach to integration with API’s, testing and validation of such new systems or services. The Proposer shall include API’s in its Technical Proposal if available and describe how the Proposer will work with NCTA to transition to future new services or upgrades to existing services.

H. Proposal Section 6: Adherence to the Part III, Scope of Work and Requirements, Terms and Conditions and Requirements Conformance Matrix -

7. The Proposer shall use the allotted page count in this section to detail their adherence to the requirements contained in this RFP. Page count does not include Requirements Conformance Matrix.

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Table I-5: Forms and Submittal Checklist

Form #	Form/Submittal Name	Location in RFP	Location of Form/Submittal in Proposal
Forms to be Submitted			
D-1	Proposal Cover Sheet	Exhibit D-1	Technical Proposal Envelope with Original of Proposal
D-2	List of Subcontractors and RS-2 Form	Exhibit D-2	Technical Proposal Section 7
D-3	Recent Client List	Exhibit D-3	Technical Proposal Section 7
D-4	Reference Forms Part 1	Exhibit D-4	Technical Proposal Section 7
D-5	Reference Forms Part 2	Exhibit D-5	Technical Proposal Section 7
D-6	Requirements Conformance Matrix	Exhibit D-6	Technical Proposal Section 6
D-7	Price Proposal Form	Exhibit D-7	Price Proposal Envelope
D-8	Proposer Questions Form	Exhibit D-8	N/A: To be used for submission of Proposer questions to NCTA
D-9	Non-Collusion Forms	Exhibit D-9	Technical Proposal Section 7
D-10	Surety Commitment Letter	Exhibit D-10	Technical Proposal Section 7
D-11	Acknowledgment of Receipt of Addenda	Exhibit D-11	Technical Proposal Section 7
Other Proposal Submittals			
N/A	Resumes	See Part I-3.2	Technical Proposal Section 7
N/A	Preliminary Project Implementation Schedule	See Part I-3.2	Technical Proposal Section 7
N/A	Contractor Organization Chart	See Part I-3.2	Technical Proposal Section 7
D-12	Bid Bond Forms	See Part I-6.1	Price Proposal Envelope

4. Part I Administrative, Section 4.1 Submission of Technical Proposal has been modified as follows:

Number of Copies. One (1) hard copy and five (5) USB flash drives containing of all portions of the Technical Proposal shall be provided. The copy with the original cover letter and cover sheet should be marked “Original”. ~~Each copy shall be numbered (e.g., 2 of 7, 3 of 7).~~

5. Part I Administrative, Section 5.4 Price Proposals has been modified as follows:

As a Best Value Contract, price will be evaluated based on a combination of anticipated cost to NCTA, the overall quality of the Technical Proposal, and the implementation approach ~~and schedule~~. The pricing will also be viewed in terms of any innovation proposed by the bidder as well as the bidder’s proven reliability and ability to meet the required performance standards.

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6. Part III Scope of Work and Requirements Table of Contents was modified a follows:

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7. Part III Scope of Work and Requirements, Section 1.2 Summary of Scope of Work has been modified as follows:

The Contractor shall coordinate with NCTA and the Design-Build Team (the “Constructor”), for all RTCS construction-related activities anticipated for the RTCS Project(s). The Contractor shall provide RTCS design specifications to the Constructor and shall be required to review the engineering design (~~currently almost complete~~), provide feedback, and identify potential impacts to the RTCS installation and performance.

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8. Part III Scope of Work and Requirements, Section 2.6 Master Test Plan has been modified as follows:

73	The Contractor shall provide a Master Test Plan (MTP) no later than sixty (60) Calendar Days after NTP. The Master Test Plan shall also describe how The Contractor shall execute each of the test activities as outlined in these requirements. The MTP shall describe testing planned by the Contractor in each test, entry and exit test criteria, test tools, test roles and responsibilities. The MTP shall include test cases based on the NCTA provider use cases. The test cases shall then be made up of test procedures with step-by-step instructions to verify the use cases. The Contractor shall provide FAT test cases and test procedures with the MTP for NCTA review and approval. The Contractor shall provide test procedures for OIT, SIT, OAT, and SAT at least ninety-thirty (30) Calendar Days prior to the start of each respective test.
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9. Part III Scope of Work and Requirements, Section 2.7 Training Program and Plan has been modified as follows:

The Contractor is required to provide all training documentation including all manuals defined for Level I, Level II, and Level III Maintenance Services. The Contractor shall train NCTA or its designated staff on how to provide Level I, ~~and Level II and Level III~~ Maintenance Services.

10. Part III Scope of Work and Requirements, Section 3.1 General Design Requirements has been modified as follows:

215	The Constructor will provide these components in accordance with the <u>Contractor approved</u> design plans. Any changes to the configuration by the Contractor shall be adjusted or moved by the Contractor at no additional cost to NCTA.
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11. Part III Scope of Work and Requirements, Section 3.1.3 Communications has been modified as follows:

224	The Contractor is responsible for the RTCS WAN communications. RTCS WAN design must be approved by NCTA and shall conform to Section Error! Reference source not found.Error! Reference source not found. 4.2.1 General RSS Functional Requirements and 4.3.1 Transaction Reconciliation Host (TRH) and Attachment 4: State of North Carolina, Statewide Information Security Manual included in Part III, Scope of Work and Requirements . All networking Equipment at the toll sites and other locations necessary to provide full communication capabilities to meet the Requirements in this SOW, such as the host and DR, shall be provided by the Contractor.
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12. Part III Scope of Work and Requirements, Section 4.2.1 General RSS Functional Requirements has been updated as follows:

Requirement 285:

The Contractor shall also adhere to the standards listed in **Attachment 42: State of North Carolina, Statewide Information Security Manual**.

Any exceptions to the standards described in this Requirement above and in **Attachment 42: State of North Carolina, Statewide Information Security Manual** shall be described in its proposal by adding Attachment 4 compliance in the Proposer's Technical Proposal. The Contractor shall describe any exception to the security policy and why they are exempt. The Contractors shall identify only of those exceptions within the policy with an explanation. Categorical exception to the policy shall be considered non-compliance.

13. Part III Scope of Work and Requirements, Section 4.2.2.2 Automatic Vehicle Detection and Classification (AVDC) System has been modified as follows:

290	The AVDC system shall infer-determine the vehicle axle count as well as determine vehicle length, height and width and-to classify vehicles in accordance with the NCTA vehicle classification structure for all travel lanes and shall include the logic to handle the exceptions identified. Classification of vehicles traveling on the shoulder lanes is not required; however, the RTCS shall detect vehicles that travel on the shoulder and trigger the Image Capture & Processing System (ICPS). <u>The vehicle classification structure for each facility type is defined in requirements 291 and 292.</u>
291	<p>(AET Lanes Excluded) The NCTA vehicle classification structure for the Express Lanes is defined as:</p> <ul style="list-style-type: none"> a) Low Occupancy Vehicle (LOV) defined as two-axle motor vehicles other than motorcycles, without trailers, not larger than L:22' W:8.5' H:12', with less than 3 occupants b) Registered High Occupancy Vehicle (HOV) defined as two-axle motor vehicles, without trailers, not larger than L:22' W:8.5' H:12', pre-registered as HOV, with three or more occupants for future occupancy and rideshare discount programs c) Motorcycles defined as motor vehicles with two or three wheels, not larger than a LOV d) Transit Vehicles defined as recognized non-profit transit agency buses, rubber wheeled trolleys, and vans used for mass transportation under applicable laws e) First Responder Vehicles defined as law enforcement vehicles, emergency fire and rescue vehicles and emergency medical service vehicles f) Extended Vehicles defined as two-axle motor vehicles exceeding the length of a LOV or two-axle motor vehicles traveling with a one-axle trailer

14. Part III Scope of Work and Requirements, Section 4.3.1.6 External Interfaces and Data Requirements has been updated as follows:

428	The Contractor shall provide, an Interface Test Plan (ITP) as described in Section 2.3.52.6.1.1 of Part III, Scope of Work and Requirements .
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15. Section 4.3.1.7 TRH Disaster Recovery System was added to Part III Scope of Work and Requirements. Please note that these additional comments impacted requirement numbering throughout the Scope of Work. These requirement number changes are not called out individually in this Addendum.

4.3.1.7 TRH Disaster Recovery System

435	<u>The Contractor shall provide a system, redundant to the primary TRH, which prevents the loss of any function or data in the event of total or partial failure or loss of the primary TRH. This system will be referred to as the Disaster Recovery System in this Contract.</u>
436	<u>The Disaster Recovery System shall provide all necessary functions to support the Disaster Recovery Plan requirements included in Section 2.9 Disaster Recovery Plan.</u>
437	<u>The Disaster Recovery System shall support the RTCS to meet all functional and performance requirements in Section 4 RTCS (includes RSS and ITS) Functional Requirements and Section 6 Performance Requirements – Operations and Maintenance.</u>
438	<u>The Disaster Recovery System shall be accessible to NCTA and their supporting staff at all times.</u>
439	<u>The hosted location of the Disaster Recovery System must be within the contiguous United States and must be approved by NCTA.</u>
440	<u>The Contractor is responsible to provide all network connectivity required between the Disaster Recovery System and all internal and external interfaces needed to support its operation.</u>

16. Part III Scope of Work and Requirements, Section 4.3.3 Image Verification Services has been modified as follows:

455461	The Contractor shall provide image verification services to return the license plate number (LPN), jurisdiction and plate type for rear license plates according to <u>NCTA Business Policies</u> . Each plate type shall have an assigned code, which could contain up to three (3) digits as agreed to by NCTA and the Contractor during design.
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17. Part III Scope of Work and Requirements, Section 5.1 Roadway Maintenance Services – General Requirements has been modified as follows:

473	If required by the Contractor, NCTA approved repair or other services that fall outside the Maintenance Services described herein shall be invoiced at the services service rates as defined in Exhibit D-7.
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18. Part III Scope of Work and Requirements, Section 5.1.9 Spare Parts has been modified as follows:

515	Contractor shall be responsible for the inventory of all spare parts at the storage facility and shall be insured in this regard as set forth in the Contract. The Contractor shall account for all spare parts and shall provide safeguards against theft, damage, or loss of the spare parts. NCTA will provide a storage location for the Contractor's use for the storage of the RTCS spare parts.
516	The spares facility and storage area shall be secured and connected to an up-to-date security network System with alarm notification monitored by the Contractor. Further, it is required that NCTA shall have full and unrestricted access to the Maintenance and or storage facility. The Contractor shall be responsible to deliver all NCTA ordered spare parts to a Department specified storage facility that shall be within 200 miles of the Project limits.

19. Part III Scope of Work and Requirements, Section 5.1.15 RTCS Hardware Maintenance and Software Support Services has been updated as follows:

548	The Contractor shall inspect and test cables, wiring, and terminations to detect problems and degradation. Any item not in compliance with Contract Requirements shall be replaced by the Contractor at no cost to NCTA unless such failure is considered non-chargeable, as described in Section 7.96.10 Non-Chargeable and Chargeable Failures Non-Chargeable and Chargeable Failures of Part III, Scope of Work and Requirements .
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20. Part III Scope of Work and Requirements, Section 5.2.1.1 ITS Maintenance Requirements has been updated as follows:

555	The requirements in Section 6.2.75.1.7 Types of Maintenance Types of Maintenance of Part III Scope of Work and Requirements , shall apply to ITS Equipment and subsystems.
556	The requirements in <u>Section 2.10.7 General MOT Requirements and Conditions</u> of Part III Scope of Work and Requirements , shall apply to ITS Equipment and subsystems.

21. Part III Scope of Work and Requirements, Section 6.2.4 Image Transaction Complete and Timely Transmission without IVS has been modified as follows:

6.2.4 Image Transaction Complete and Timely Transmission without ~~IVR~~IVS

22. Part III Scope of Work and Requirements, Section 6.3 Non-Compliance Performance Adjustments has been updated as follows:

The Contractor's performance score shall be generated and determined each month by adding the points assessed for non-compliance in each performance category, as described below in **Table 45**.

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23. Part IV Terms and Conditions, Table of Contents has been modified as follows:

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24. Part IV Terms and Conditions, Section 1.6.I System Warranty during Maintenance Phase, paragraph I has been modified as follows:

As a result, during the Maintenance Phase NCTA shall not pay any additional charges above the prices set forth in the Contractor’s agreed-to Price Proposal for Maintenance Phase Work, other than Work related to agreed-to Force Majeure events or agreed-to out of scope work requested by NCTA, pursuant to **Part IV, Terms and Conditions**, Section 2.23 Change Orders, and Section 2.34 Extra Work Orders, ~~and Section 2.4 Maintenance Task Orders.~~

25. Part IV Terms and Conditions, Section 2 Contract Changes and Termination has been modified as follows:

2.1 General

The following Contract changes are allowable within the scope of this Contract:

1. Task Orders – NCTA anticipates issuing Task Orders for Work required to provision new systems, enhance Software, Upgrade Equipment, enhance or otherwise improve Operations and Maintenance Services for needed activities in accordance with labor rates proposed and set forth in the Price Proposal.
2. Change Orders – NCTA anticipates using Change Orders to address variances in the original quantities tabulated or scope pursuant to the RFP Task Order.
3. Extra Work Orders –NCTA anticipates issuing Extra Work Orders to address variances in the specifications or **Part III, Scope of Work and Requirements** beyond that of the Approved SDDD and for which there is no appropriate pay item or category. Extra Work Orders will be issued within the sole discretion of NCTA, and such additional Work may be subject to a new competitive procurement as deemed to be in the best interest of NCTA.

2.2 Task Orders

1. NCTA will use Task Orders to provision new systems and Services under this Contract. Task Orders will reference applicable requirements and pricing information within this RFP and provide supplementary information relative to the Project. Examples of this type of work include:
 - a. Implementation and maintenance of a multi-zone RTCS on a new facility.

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- b. Replacement of an existing RTCS on an existing facility.
- c. Provisioning of Level 1 and 2 maintenance services for RTCS facilities.

~~2.2~~ **2.3 Change Orders**

- ~~1. A Change Order will be a change in quantities to expand the **Part III, Scope of Work and Requirements.** For example, to add an additional tolling locations or locations, or provide electronic toll collection hardware and system support Equipment beyond the Project limits. NCTA may elect to have either the Contractor provide the Change Order Work under this Contract, or to advertise the work through a new competitive procurement process. A Task Change Order will be a change in Design or Work needed to maintain operation of NCTA Roadside Toll Collection System after Acceptance of the original System by NCTA. Examples of this type of work include:
 - a. Software modifications and Upgrades to improve reliability, diagnostics, ITSM, Inventory Management, interfaces to traffic management, or other tasks directly related to toll collection.
 - b. Hardware Upgrades to provide better data storage and handling, such as replaced, improved or expanded hard drives, routers, etc., or prototype new Equipment to test System modifications. This does not include Updates or Upgrades required to meet required System or transaction growth or modifications currently included in the Scope of Work and Requirements.~~
2. NCTA may elect to have the Contractor perform the Change Order Work. In this case, the Contractor shall provide a detailed Technical and Price Proposal for the order and await Approval and Notice to Proceed from NCTA before incurring any expenses for which the Contractor expects reimbursement.
- ~~3. If NCTA advertises the Change Order Work, NCTA may elect to use the Contractor to assist NCTA in the procurement of additional Hardware, Software or Services, and/or integrate the Change Order Work into the toll collection System. In this case, NCTA would obtain these Services through a negotiated and Approved Task Order.~~

~~2.3~~ **2.4 Extra Work Orders**

An Extra Work Order will ONLY be a change in the Scope of Work and Requirements requiring different functionality, Hardware or Software than that covered by the existing Contract or a change to a Contract Term and condition with an impact. Some examples include:

1. System change to replace the selected AVI system;
2. System changes to radically alter the vehicle classification structure;
3. Large scale changes in Hardware platforms or operating Systems beyond changes covered in Upgrades or Maintenance Task Orders;
4. Changes to insurance or legal requirements.

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2.4 Maintenance Task Orders

- ~~1. A Task Order will be a change in Design or Work needed to maintain operation of NCTA Roadside Toll Collection System after Acceptance of the original System by NCTA. Examples of this type of work include:
 - ~~a. Software modifications and Upgrades to improve reliability, diagnostics, ITSM, Inventory Management, interfaces to traffic management, or other tasks directly related to toll collection.~~
 - ~~b. Hardware Upgrades to provide better data storage and handling, such as replaced, improved or expanded hard drives, routers, etc., or prototype new Equipment to test System modifications. This does not include Updates or Upgrades required to meet required System or transaction growth or modifications currently included in the Scope of Work and Requirements.~~~~

26. Part IV Terms and Conditions, Section 3.7.14 Limitation of Contractor's Liability has been modified as follows:

2. The Contractor's liability for damages to NCTA for any cause whatsoever, and regardless of the form of action, whether in contract or in tort, shall be limited to ~~two times the value of the total value of each Task Order awarded to the Contractor under~~ the Contract.

27. Part IV Terms and Conditions, Section 3.7.16 General Indemnity has been modified as follows:

- I. The Contractor shall hold and save NCTA, its officers, Agents and employees, harmless from liability of any kind, including all claims and losses, with the exception of consequential damages, as normally construed, accruing or resulting to any other person, firm or corporation furnishing or supplying Work, Services, materials or supplies in connection with the negligent performance of this Contract or Contractor's breach of Contract or willful misconduct. The foregoing indemnification and defense by the Contractor shall be conditioned upon the following:

28. Attachment 8 – NCTA Example Change Order has been removed from SRTCS-Attachments.

29. Exhibit C Price Proposal Instructions has been modified as follows:

10. The Price Proposal shall be inclusive of all costs, fees and applicable taxes needed to meet the requirements of the RFP, included in **Part III, Scope of Work and Requirements**. Implementation and "Future Zone Type" System Cost pricing should be entered in 2023-dollar values. Maintenance labor costs should be entered in 2023-dollar values. No price escalation will be allowed above the costs provided on the Price Proposal Forms to complete the Work for this Price Proposal. Prices shall be the maximum Price for work outlined in this Exhibit C.

30. Exhibit D-6 Requirements Conformance Matrix has been updated to reflect the modifications to Part III Scope of Work described in this Addendum 08.

31. Exhibit D-7 Price Proposal Bid Estimate has been modified as follows:

- a. The published date has been added to Sheet I Project Summary Cell B1 to help proposers and reviewers confirm the latest version sheet is in use.

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- b. Sheets 2-1 and 2-2: Unlocked AVI subsystem installation pricing cells and added the following to Note 6: “Pricing in this row is to include installation labor and other materials, such as cabling.”
- c. Sheet 3-1: Added a additional row (Row 19) under category 3 to allow proposers to list an additional item, as needed.
- d. Sheet 3-2: reformatted cells in rows 19 and 20 to provide for user entry and locked summarization functions, as applicable.
- e. Sheets 5-1 and 5-2: Removed Performance Bond costs from the pricing of Roadside Maintenance sheets
- f. Sheet 6-1: Deleted Row 49 “Total Base Contract Maintenance”, as it was not applicable on this sheet.
- g. Sheet 6-2:
 - i. Deleted Rows 49 and 86 “Total Base Contract Maintenance”, as it was not applicable on this sheet.
 - ii. Removed CPI calculations under Labor (\$) in Table TRHXM-002 to allow users to enter their own pricing in 2023 dollar values.
- h. Sheet 7-1: Updated all sub headers to state “Image OCR/ALPR/MIR per Vehicle (up to 4 images per vehicle) and added Note “Pricing is to consider average cost to process each vehicle image set, based on an estimated level of OCR automation to be achieved by the Contractor.”
- i. Locked all cells throughout the workbook containing either text or a function.