

#	Page	Section	Section Title	Proposer Question	NCTA Response	Addendum # which included this NCTA Response
1	PDF page 9	SRTCS-Exhibits-FINAL.pdf, Exhibit C – Price Proposal Instructions, 1 GENERAL INSTRUCTION	1 GENERAL INSTRUCTION	RFP: “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 <a href="https://connect.ncdot.gov/business/Turnpike/Pages/default.aspx">https://connect.ncdot.gov/business/Turnpike/Pages/default.aspx</a> .” Question: We are unable to find Price Proposal Forms in Excel format on the website, when following the provided link. Please advise: when will the Price Proposal Forms be released?	Updated pricing forms provided with Addendum 6.	Addendum 7
2	PDF page 9	STCS-RFP.pdf, I. Notice of Request for Proposals	I. Notice of Request for Proposals, Table 1-1: Project Responsibility Matrix	The 9th from top row in Table 1-1: Project Responsibility Matrix, states the following for “Level 1 Maintenance of RTCS, Transaction Reconciliation Host (TRH), ITS and Network” line item: NCTA or other service providers to be procured prior to Project opening. Question: When and where will this Operations and Maintenance procurement be advertised, and are bidders allowed to bid on both projects?	Updated pricing forms provided with Addendum 6.	Addendum 7
3		SRTCS-Exhibits-FINAL.pdf, Exhibit D-1	Exhibit D-1 Proposal Cover Sheet	RFP: “A Word version of the Proposal Cover Sheet is “paper clipped” to this NCTA RTCS Exhibits file for ease of completion.” Question: Please note that this particular Word file was not among the paper-clipped files. Please release the MS Word version.	Please refer to addendum #02.	Addendum 7
4		SRTCS-Exhibits-FINAL.pdf, Form D-9	Form D-9 Non-Collusion (Corporation)	Paper-clipped Form D-9 Corporation states: “SIGNATURE OF PREQUALIFIED BIDDER” Question: There was no prequalification/RFQ stage in this procurement, therefore, please confirm that the “prequalified” label does not apply here, and all bidders are allowed to sign that form.	Confirmed, all bidders are allowed to sign Form D-9 Non-Collusion (Corporation).	Addendum 7

5	PDF page 9	STCS-RFP.pdf, I. Notice of Request for Proposals	1. Notice of Request for Proposals, Table 1-1: Project Responsibility Matrix	<p>The last/bottom row in Table 1-1: Project Responsibility Matrix, states the following for "Toll Facility Infrastructure" line item: "Other service providers to be procured prior to Project opening."</p> <p>Question: When and where will this O&amp;M procurement be advertised, and will the RTSC bidders or awardees be allowed to bid on it?</p>	See revisions to maintenance scope in Addendum 6.	Addendum 7
6	PDF page 10	STCS-RFP.pdf, I.2 NCTA Facilities	1.2 NCTA Facilities	<p>For "Metrolina Regional Transportation Management Center (MRTMC)", the description states: "Additionally, they monitor roadside toll technology and facilities."</p> <p>Question: please elaborate on the extent of MRTMC's responsibility in monitoring the vendor's RTSC</p>	Metrolina Regional Transportation Management Center roles may be responsible to monitor message signs or toll rates or environmental controls.	Addendum 7
7	PDF page 26	STCS-RFP.pdf, 3.2 Content of Technical Proposal	3.2 Content of Technical Proposal, subsection C. Proposal Section 1: Firm Qualifications, line item 2.	<p>RFP: 2. A detailed discussion of the Proposer's qualifications and experience related to Part III, Scope of Work and Requirements required by this RFP, including Subcontractors' relevant experience in the following areas:</p> <p>a. Completed, in the last five (5) calendar years, at least one (1) project working in AET or Express Lanes with AVI and image-based tolling in North America; b. Developed, operated, and maintained, for at least one (1) active toll project in North America, dynamic pricing algorithms; c. Developed, designed, and implemented, in the last two (2) calendar years, at least one (1) Toll Transaction processing system, and experience with the design, development and implementation of cloud technologies or virtual machine environments.</p> <p>Question: Please confirm that this requirement constitutes the minimum qualification a bidding team must demonstrate.</p>	Yes, confirmed this is the minimum requirements.	Addendum 7
8	PDF Page 28	STCS-RFP.pdf, section D	D. Proposal Section 2: Key Team Qualifications	Please advise whether the same person can be a successor in one Key role and a primary in another.	Yes, confirmed.	Addendum 7

9	PDF page 12	STCS-RFP.pdf, 1.3 NCTA Toll Program	NCTA Toll Program	<p>RFP: NCTA expects to transition from an interface between the RTCS and Commercial Back Office System (CBOS) or to a NCTA provided Operations Back Office (OBO).</p> <p>Question: Is OBO a separate contract vehicle that will be procured in the future? When do you expect to release the OBO RFP, and will the RTSC bidders or awardees be allowed to also bid on it?</p>	NCTA has not determined the procurement approach for a future OBO lifecycle.	Addendum 7
10		STCS-RFP.pdf, 3.2 Content of Technical Proposal	3.2 Content of Technical Proposal, subsection C. Proposal Section 1: Firm Qualifications, line item 6, Exhibit D-4, Forms, Proposer Company Reference Forms, Part 1	<p>RFP: 6. The Proposer Company Reference Forms, Part 1, using Exhibit D-4, Forms. Include in Proposal Section 7 and note in your response to this item that it is provided in Proposal Section 7. The completed forms must include at least two (2) references to demonstrate that the Proposer, <u>in combination with its Subcontractors</u>, has successfully developed and delivered at least one dynamically-priced toll project that includes AVI and image-based transactions, toll rate calculation, transaction packaging and processing, and ITS elements and devices such as variable toll message signs and detectors that were also integrated into the system."</p> <p>Question: Please confirm that "in combination with its Subcontractors" means that the reference forms may come from either the prime or a Subcontractor, or both.</p>	Proposers, including subcontractor(s), may be included to provide the references.	Addendum 7
11	Part I, Page 18 of 37	3.2	Content of Technical Proposal	RFP states, "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." Exhibit D-1 was not included in the RFP; please provide.	Coversheet provided as Word attachment to exhibits in Addendum 6.	Addendum 7
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.	Addendum 8

<p>13</p>	<p>Part I, Page 18 of 37</p>	<p>3.2</p>	<p>Content of Technical Proposal</p>	<p>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 increased to 60 pages to be consistent with the point valuations.</p>	<p>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.</p>	<p>Addendum 7</p>
<p>14</p>	<p>Part I, Page 28 of 37</p>	<p>H.1, H.2</p>	<p>Proposal Section 6: Adherence to the Part III, Scope of Work and Requirements, Terms and Conditions and Requirements Conformance Matrix</p>	<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.”  RFP H.2 states, “The Proposer shall submit a PDF version of the completed matrix in this Proposal Section 6,...”  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.  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>	<p>Exhibit D-6 is excluded from the Technical Proposal page count. 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>Addendum 7</p>
<p>15</p>	<p>Part I, Page 31 of 37</p>	<p>4.1</p>	<p>Page Presentation</p>	<p>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?</p>		<p>Addendum 7</p>

16	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 <a href="https://connect.ncdot.gov/business/Turnpike/Pages/default.aspx">https://connect.ncdot.gov/business/Turnpike/Pages/default.aspx</a> ." Exhibit D-7 was not included in Excel version. Please provide.	Updated pricing forms provided with Addendum 6.	Addendum 7
17	Part I, Page 18 of 37	3.2	Content of Technical Proposal	RFP states, "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." Exhibit D-1 was not included in the RFP; please provide.	Coversheet provided as Word attachment to exhibits in Addendum 6.	Addendum 7
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 #12	Addendum 8
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 increased to 60 pages to be consistent with the point valuations.	Duplicate of #13	Addendum 8

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	Addendum 8
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	Addendum 8
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 <a href="https://connect.ncdot.gov/business/Turnpike/Pages/default.aspx">https://connect.ncdot.gov/business/Turnpike/Pages/default.aspx</a> ." Exhibit D-7 was not included in Excel version. Please provide.	Duplicate of #16	Addendum 8
23	n/a	n/a	General	May vendors include a title page and a table of contents with our response? Will these documents exist outside of the page limitation?	Title page and table of contents are excluded from the page count limitations.	Addendum 7
24	Exhibits	D-1	Proposal Cover Sheet	<p>The RFP says: "A Word version of the Proposal Cover Sheet is "paper clipped" to this NCTA RTCS Exhibits file for ease of completion."</p> <p>There does not seem to be an attachment. Would NCTA please provide the Word version?</p>	Coversheet provided as Word attachment to exhibits in Addendum 6.	Addendum 7

25	Exhibits	D-7	Price Sheet	<p>The RFP says: "The file format for the electronic copy of the Price Proposal shall be Microsoft Excel and PDF."</p> <p>The Excel version does not appear to be paperclipped to the exhibit file. Would NCTA please provide?</p>	Updated pricing forms provided with Addendum 6.	Addendum 7
26	Part I, Pg 18	Table I-3	Page Restrictions	<p>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."</p> <p>Would NCTA please state whether or not there is a limitation for the cover letter?</p>	Statement "The cover letter is not subject to the page limitations" has been removed from the RFP in Addendum 08.	Addendum 8
27	Part I, Pg 18	Table I-3	SOW	<p>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."</p> <p>The SOW ends at Section 6. Would NCTA please confirm the sections vendors are required to respond?</p>	RFP updated to state "Sections 3-6" in Addendum 08.	Addendum 8
28	Part I, Pg 31	Section 4.1	formatting	<p>May graphics and tables also contain a smaller, but legible font? Is pre-printed material also exempt from the font restrictions?</p>	No	Addendum 7
29	Part III, Pg. 38	Section 2.12.2	As-Built Drawings	<p>Part III, Section 2.12 is numbered 2.12 and then 2.12.2. Is there a section 2.12.1?</p>	"2.12.1.1" changed to "2.12.1" in Addendum 08.	Addendum 8

<p>30</p>	<p>PDF Page 24</p>	<p>STCS-RFP.pdf, Part I – Administrative, 3.2 Content of Technical Proposals</p>	<p>3.2 Content of Technical Proposals</p>	<p>RFP Verbiage: Technical Proposal Sections 1 through 5 shall be limited to a combined total of 20 pages and Technical Proposal Section 6 shall be limited to a total of 50 pages.</p> <p>Question: Please note that the RFP's response requirements alone for Technical Proposal Sections 1 through 5 take up nearly 10 pages and contain requests for detailed descriptions and diagrams, which seems impossible to fit in 20 pages. At the same time, Proposal Section 6 is allotted 50 pages, wherein to identify and describe key assumptions, identify any proposed exceptions to the Terms and Conditions, and fit the entire Requirements Conformance Matrix. However, the blank Requirements Conformance Matrix is already 63 pages long when printed, therefore 50 pages will not be sufficient for Section 6. Please consider allowing bidders to do the following: 1) Put the NCTA Form D-6 - Requirements Conformance Matrix into Section 7 with the other Forms, or into Appendix 4; 2) Use the 20+50 = 70 pages of allowance for the text/diagrams content of Technical Proposal Sections 1 through 6.</p>	<p>Exhibit D-6 is excluded from the Technical Proposal page count.</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>	<p>Addendum 7</p>
<p>31</p>	<p>PDF Page 9</p>	<p>STCS-RFP.pdf, Part I – Administrative, 1.1 Background and Purpose, Table 1-1</p>	<p>Table 1-1: Project Responsibility Matrix</p>	<p>RFP Verbiage: Level 1 Maintenance of RTCS, Transaction Reconciliation Host (TRH), ITS and Network. - NCTA or other service providers to be procured prior to Project opening.</p> <p>Question: What Level I maintenance activities does NCTA anticipate will be done for the Transaction Reconciliation Host (TRH) by a third-party provider?</p>	<p>See revisions to maintenance scope in Addendum 6.</p>	<p>Addendum 7</p>



32	PDF page 28	STCS-RFP.pdf, D. Proposal Section 2: Key Team Qualifications	D. Proposal Section 2: Key Team Qualifications	<p>RFP Verbiage: For Key Personnel positions other than the Project Principal, provide a brief narrative explaining other project commitments the individual may have that would restrict their full availability to the Project and also their expected working location, whether at the NCTA project office or the Project site.</p> <p>Question: As far as we understand, not all key personnel have to be either at the NCTA project office or the Project site (as some functions do not require full time involvement or local presence), so the integrator is free determine whether deploy a local or remote/traveling resource as commensurate with their function and unless otherwise explicitly directed in the RFP. Please confirm.</p>	Confirmed.	Addendum 7
33	PDF Page 38	STCS-RFP.pdf, Part I – Administrative, Section 4	4. Submission of Proposals.	<p>RFP Verbiage: Technical Proposal text shall be single-spaced, a minimum of 12-point Times New Roman font, printed on both sides of the page. [...] Headers and footers may be in different size font from that specified but no less than 9-point font.</p> <p>Question: Is it permissible to use a smaller font (but no less than 9-point) in graphics, tables and captions?</p>	No.	Addendum 7
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.	Addendum 8
35	PDF page 18	STCS-RFP.pdf, 1.26.4 Listing of Subconsultants or Subcontractors	1.26.4 Listing of Subconsultants or Subcontractors	<p>RFP Verbiage: Subconsultant or Subcontractor Form RS 2 is provided in Exhibit D-2, Forms.</p> <p>Question: Exhibit D-2 does not contain a form labeled RS-2. Please post Form RS-2 with the rest of the proposal documents.</p>	RS-2 Form provided as part of Exhibit D-2 in Addendum 07.	Addendum 8
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.	Addendum 8

37	PDF page 30	STCS-RFP.pdf, E. Proposal Section 3, item 2	E. Proposal Section 3: Approach to Scope of Work and Requirements	<p>RFP Verbiage: Provide typical Proposers solution drawings for toll zones equipment layout.</p> <p>Question: This procurement will potentially include different types of tolling and toll zones, from AET bridge to express lanes. Do proposers need to include a typical layout for each? If yes, please list the types of roadway and toll zone configurations that the solution drawings must address, so all bidders respond to the same requirement.</p>	Provide layouts for the configurations included in the Price Propoasl sheet included in Addendum 6.	Addendum 7
38	PDF page 30	STCS-RFP.pdf, E. Proposal Section 3, item 4.a.	E. Proposal Section 3: Approach to Scope of Work and Requirements	<p>RFP Verbiage: However, the Contractor shall describe its functionality and how it will be Proposed on Task Orders or how its Proposed System can operate without it.</p> <p>Question: Please clarify what you mean by "how its Proposed System can operate without it."</p>	Contractor shall describe how their Express Lane system can meet requirements with or without Dynamic Pricing enabled.	Addendum 7
39	PDF page 32	STCS-RFP.pdf, E. Proposal Section 3, item 10.d.	E. Proposal Section 3: Approach to Scope of Work and Requirements	<p>RFP Verbiage: d. Guaranteed successful transmission of all image-based transactions and images to the existing contractor provided host and to the NCTA CBOS/OBO;</p> <p>Question: Please provide detail regarding the existing contractor-provided host referenced in the requirement. What is its function currently? Will it be replaced by the new OBO solution when it is bid and awarded?</p>	<p>No additional information is currently available.</p> <p>Proposer shall include any information it deems necessary to proposer its solution to interface with a OBO.</p>	Addendum 7
40	PDF page 32	STCS-RFP.pdf, E. Proposal Section 3, item 12	E. Proposal Section 3: Approach to Scope of Work and Requirements	<p>RFP Verbiage: The Proposer shall describe in detail the locations and experience with multiple protocols and the specific configuration in revenue operations that any multiprotocol the Proposer has deployed is in operations collecting revenue.</p> <p>Question: Please clarify what you mean by the "specific configuration in revenue operations."</p>	The Proposer shall describe its operational configuration for its RTCS and any integration with AVI readers including associated protocols.	Addendum 7

41	PDF page 33	STCS-RFP.pdf, E. Proposal Section 3, item 15	E. Proposal Section 3: Approach to Scope of Work and Requirements	<p>RFP Verbiage: The Proposer shall provide its ICD's.</p> <p>Question: Is the Authority looking for a sampling of existing ICDs from other projects, or a description of approach to generating ICDs?</p>	<p>The RFP language has been updated in Addendum 08 to the following:</p> <p>The Proposer shall <del>provide its ICD's and</del> <b><u>use the ICD provided in Attachment 6 NCTA CBOS to RSS ICD-v2 as a reference to discuss</u></b> how it would integrate to a NCTA provided CBOS/OBO.</p>	Addendum 8
42	PDF page 33	STCS-RFP.pdf, E. Proposal Section 3, item 15	E. Proposal Section 3: Approach to Scope of Work and Requirements	<p>RFP Verbiage: The Proposer shall include API's in its Technical Proposal if available</p> <p>Question: Is the Authority looking for sampling of existing APIs (API descriptions) from other projects, or a description of approach to generating APIs?</p>	<p><del>The RFP language has been updated in Addendum XX to the following:</del></p> <p><del>The Proposer shall provide its ICD's and</del> <b><u>use the ICD provided in Attachment 6 NCTA CBOS to RSS ICD v2 as a reference to discuss</u></b> how it would integrate to a NCTA provided <del>CBOS/OBO.</del></p> <p><b>Update:</b> <b><u>Provide a description of Proposer's approach to generating API's and previous experience in integrating API's.</u></b></p>	Addendum 8 Updated in Addendum 9
43	PDF page 34	STCS-RFP.pdf, F. Proposal Section 4, item/bullet 4.	F. Proposal Section 4: Approach to Product Roadmap and Quality Assurance	<p>RFP Verbiage: If the Equipment is provided by the Contractor, a second source provided by the Contractor is acceptable, the Proposer shall describe how it mitigates risk to NCTA should the Contractor no longer be available to provide that Equipment.</p> <p>Question: Does this requirement pertain specifically to equipment manufactured by the Contractor/integrator?</p>	This requirement is applicable to all equipment provided or manufactured by the Contractor.	Addendum 7

44	PDF page 34	STCS-RFP.pdf, F. Proposal Section 4, item/bullet 5	F. Proposal Section 4: Approach to Product Roadmap and Quality Assurance	<p>RFP: NCTA desires that the Proposer include existing company Quality Control Plans and only tailor as required for this Contract.</p> <p>Question: Does this requirement ask to include another project's existing Quality Control Plan as an example with the proposal? If yes, can it be an attachment to the proposal and not included in page count?</p>	Proposers may include existing Quality Control plans as an attachment if it meets the requirements of the RFP .	Addendum 7
45	PDF page 38	STCS-RFP.pdf, 4. Submission of Proposal	4.1 Submission of Technical Proposal, subsection 2. Page Presentation.	<p>RFP Verbiage: Each page header and/or footer should include the Proposer's name and Technical Proposal section, along with page numbers and date of the Proposal.</p> <p>Question: Does this mean that each of the 7 proposal sections has to start on a new page?</p>	List whatever section the page ends with in the header/footer.	Addendum 7
46	PDF page 39	STCS-RFP.pdf, 4. Submission of Proposal	4.1 Submission of Technical Proposal, subsection 2. Page Presentation.	<p>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).</p> <p>Question: Given that there is only one hard copy (the original), please clarify the requirement to number copies.</p>	<p>Hard copy numbering removed in Addendum 08:</p> <p><del>Each copy shall be numbered (e.g., 2 of 7, 3 of 7).</del></p>	Addendum 8
47	PDF Page 47	STCS-RFP.pdf, Part II Defined Terms and Acronyms, 1. Defined Terms	Part II Defined Terms and Acronyms, 1. Defined Term	<p>RFP Verbiage: Commercial Back Office System (CBOS). [...] NCTA Provided system that validates transactions received from the Contractor TRH in accordance with the Attachment 1: NCTA Business Policies, performs business processes including license plate image review, transaction filtering prior to sending transactions to the CBOS, [...]</p> <p>Question 1: Does this mean that manual image review is excluded from the SRTCS contract?</p> <p>Question 2: Please clarify what process the following phrase refers to, in describing CBOS: "prior to sending transactions to the CBOS."</p>	The Proposer shall provide a complete Image Toll Transactions that meets all requirements. NCTA may in the future conduct manual image review under a separate contract.	Addendum 7

<p>48</p>	<p>PDF Page 49</p>	<p>STCS-RFP.pdf, Part II Defined Terms and Acronyms, 1. Defined Terms</p>	<p>Part II Defined Terms and Acronyms, 1. Defined Terms</p>	<p>Did the Authority intend to define Installation and Acceptance Phase as the phase of the Project, which begins at Contract Notice to Proceed and ends at Systems Acceptance?</p>	<p>Current definition of Installation and Acceptance Phase is accurate: "The phase of the Project, which begins at Installation and Acceptance Notice to Proceed and ends at Systems Acceptance. The Installation and Acceptance Phase includes all installation, commissioning, Go-Live and Operations Acceptance Testing and System Acceptance Testing. "</p>	<p>Addendum 7</p>
<p>49</p>	<p>PDF Page 66</p>	<p>STCS-RFP.pdf, Part III – Scope of Work and Requirements</p>	<p>Part III – Scope of Work and Requirements, 1.2 Summary of Scope of Work</p>	<p>RFP Verbiage: and shall be required to review the engineering design (currently almost complete). 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: The Contractor shall provide RTCS design specifications to the Constructor and shall be required to review the engineering design (<del>currently almost complete</del>), provide feedback, and identify potential impacts to the RTCS installation and performance.</p>	<p>Addendum 8</p>
<p>50</p>	<p>PDF Page 78</p>	<p>STCS-RFP.pdf, Part III – Scope of Work and Requirements, 2.4 Installation Drawings</p>	<p>Part III – Scope of Work and Requirements, 2.4 Installation Drawings</p>	<p>RFP Verbiage: Installation Drawings Equipment shall be installed on infrastructure and overhead structures/toll gantries that shall be designed and constructed by the Constructor. Question: Please provide sample Constructor drawings of AET and Express Lanes, so SRTCS proposers can use them as the basis for developing proposed solutions and pricing, based on the same baseline information.</p>	<p>Refer to Attachment 9 NCTA Standard Drawings, provided as part of Addendum 6.</p>	<p>Addendum 7</p>

<p>51</p>	<p>PDF Page 84</p>	<p>STCS-RFP.pdf, Part III – Scope of Work and Requirements, 2.7 Training Program and Plan</p>	<p>2.7 Training Program and Plan</p>	<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>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.</p>	<p>Level III Maintenance has been removed from training scope in Addendum 08.</p>	<p>Addendum 8</p>
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<p>52</p>	<p>PDF Page 49</p>	<p>STCS-RFP.pdf, Part II Defined Terms and Acronyms, 1. Defined Terms; and also STCS-RFP.pdf, Part III – Scope of Work and Reqmnts, 5. Maintenance Responsibilities and Services</p>	<p>STCS-RFP.pdf, Part II Defined Terms and Acronyms, 1. Defined Terms; and also STCS-RFP.pdf, Part III – Scope of Work and Requirements, 5. Maintenance Responsibilities and Services</p>	<p>RFP Verbiage: Level III Maintenance Corrective and preventative maintenance for all patch management, Software changes and major changes to the system functionality. Level III Maintenance also includes 24/7 remote support for Level 1 and II maintenance staff provided by others.</p> <p>RFP Verbiage: NCTA will perform or contract to others, Level 1 Maintenance and Level II Maintenance Services.</p> <p>Question: According to Part I – Administrative, 1.1 Background and Purpose, Table 1-1: Project Responsibility Matrix, Level II Maintenance of RTCS, ITS and Network is provided by the RTCS Contractor(s). SOW Section 1.2 Summary of Scope of Work also only lists Level I maintenance as excluded from SRTCS scope. Please confirm that Level II maintenance will be provided by RTCS Contractor, and not “by others.”</p>	<p>Proposer maintenance scope has been updated in Addendum 6. Level 1, 3 and 3 maintenance services are provided by the RTCS Contractor.</p>	<p>Addendum 7</p>
<p>53</p>	<p>PDF page 94</p>	<p>STCS-RFP.pdf, Part III – Scope of Work and Requirements, 2.10.4</p>	<p>2.10.4. Operational Back Office (OBO) Interface Requirements</p>	<p>RFP Verbiage: The Contractor is to interface with a NCTA provided OBO operations identified in this Part III, Scope of Work and Requirements. NCTA intends to provide an initial CBOS interface but will transition to a NCTA-provided OBO during the Term of the Contract.</p> <p>Question: Does this mean that all proposers should plan and price into their offerings two sets of integrations and interfaces: first with the CBOS as it exists today, and also with the future TBD OBO? Please confirm.</p>	<p>Proposers shall propose a price based on CBOS. If any changes are required by the OBO in the future, NCTA will review any changes or impacts to the RTCS Contractor(s) at that time.</p>	<p>Addendum 7</p>

<p>54</p>	<p>PDF page 96</p>	<p>STCS-RFP.pdf, Part III – Scope of Work and Requirements, 2.10.7</p>	<p>2.10.7. General MOT Requirements and Conditions</p>	<p>RFP Verbiage: The Contractor shall cooperate with NCTA, NCDOT Division 10 and the Constructor to minimize the required number of lane closures and to maximize the use of other scheduled lane closures. The Contractor shall transmit all lane closure requests to NCTA for approval.</p> <p>Question 1: The facilities - I-485 Express Lanes, Complete 540 (an extension of the Triangle Expressway), the Mid-Currituck Bridge, US-74 Express Lanes, and I-77 Express Lanes South – are presumably in very different stages of planning, design and construction, not all the same. E.g. I-485 construction is well underway. Could you please provide detail in which phase of design and/or construction each facility is?</p> <p>Question 2: At the moment, the RFP does not include facility details and drawings. SRTCS bidders need information about the planned facilities' physical properties in order to devise solutions and pricing. Please advise when such information will be released to the bidders.</p>	<p>1. No additional information is available at this time. Specific information will be available for each project and provided at that time.</p> <p>2. Please see Attachment 9 NCTA Standard Drawings, provided as part of Addendum 6.</p>	<p>Addendum 7</p>
<p>55</p>	<p>PDF page 96</p>	<p>STCS-RFP.pdf, Part III – Scope of Work and Requirements, 2.10.7</p>	<p>2.10.7. General MOT Requirements and Conditions</p>	<p>RFP Verbiage: The Contractor shall cooperate with NCTA, NCDOT Division 10 and the Constructor to minimize the required number of lane closures and to maximize the use of other scheduled lane closures. The Contractor shall transmit all lane closure requests to NCTA for approval.</p> <p>Question: The SRTSC provider's ability to use Constructor-scheduled lane closures depends upon what phase each design and construction project is in and the Construction schedule. Please release detail on the planned schedule of design and construction activities on -485 Express Lanes, Complete 540 (an extension of the Triangle Expressway), the Mid-Currituck Bridge, US-74 Express Lanes, and I-77 Express Lanes South.</p>	<p>MOT related language has been updated in Addendum 6. Location specific MOT conditions and pricing will be addressed in future Task Orders.</p>	<p>Addendum 7</p>



56	PDF Page 2	SRTCS-Exhibits-FINAL.pdf, Exhibit A	Exhibit A Project Implementation Schedule	RFP Verbiage: Projected Start March 2023 Question: Is this the start date for the first project, I-485, or should the bidders assume this start date for all the potential roadways for the purposes of this proposal?	This is in the intended Notice of Award for this Contract.	Addendum 7
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	Addendum 8
58	PDF Page 116	STCS-RFP.pdf, Part III – Scope of Work and Requirements, 4.3.1.	4.3.1. Transaction Reconciliation Host (TRH)	Please provide anticipated transaction volumes to enable bidders to size TRH cloud storage/processing for the purposes of pricing this proposal.	Refer to response to question 415.	Addendum 7
59	PDF Page 26	STCS-RFP.pdf, Part I – Administrative, 3.2 Content of Technical Proposal, C	C. Proposal Section 1: Firm Qualifications	RFP Verbiage: For the purpose of this RFP, the Contractor shall assume a typical Project will be 10 AET or Express Lanes Toll Zones. However, the actual Task Orders issued within this Contract may vary significantly based on each Project. Question 1: Do you mean 5 zones in each direction? Question 2: How many lanes should we assume for each toll zone for the purposes of this proposal?	1. 10 zones means 5 in each direction. 2. Pricing sheets have been updated to include specific zone configurations.	Addendum 7
60				The RFP docs did not include form D-7 Pricing Sheets and the Excel version is not on the website for downloading. When will these be provided?	Updated pricing forms provided with Addendum 6.	Addendum 7
61				Was the price file uploaded to the website?	Updated pricing forms provided with Addendum 6.	Addendum 7
62				Will NCTA send price sheet in excel format?	Updated pricing forms provided with Addendum 6.	Addendum 7
63				I did not see the price sheet or bid bond exhibits attached to the Exhibits PDF. Are these forthcoming or located elsewhere?	Updated pricing forms and Bid Bond Exhibits provided with Addendum 6.	Addendum 7

64				Can you please indicate where the pricing sheets are located? In native Excel?	Updated pricing forms provided with Addendum 6.	Addendum 7
65				Will you answer questions by a certain date or in multiple batches as you receive them?	After the conclusion of the question deadline and will provide an Addenda if necessary	Addendum 7
66				For the OBO OCR shown in the diagram, is that an existing 2 <sup>nd</sup> OCR or a future OCR system?	Future OCR system to be added as part of the OBO solution	Addendum 7
67				Will NCTA disclose the number of vendors that will be selected, to be on the bench?	No	Addendum 7
68				Assuming multiple firms are selected as vendors under this RFP, is it NCTA's intent to provide all firms a 5 year master agreement or will the 5 year implementation term commence upon NTP for the specific projects task order?	5 year from contract award.	Addendum 06
69				Please describe process and timing for proposer question responses from NCTA. Will they be answered as they come in or by one specific date following the 2/17 submittal date? Also, will there be any timeline for a clarification of a response provided?	The procurement timeline will be assessed and adjusted as appropriate.	Addendum 06
70	7	Exhibit C	Price Proposal	"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 <a href="https://connect.ncdot.gov/business/Turnpike/Pages/default.aspx">https://connect.ncdot.gov/business/Turnpike/Pages/default.aspx</a> ." Will the Authority please post the native Excel pricing sheets? No sheets are currently visible on Connect.ncdot.gov.	Please refer to Addendum #01.	Addendum 06
71	33	Part I - Administrative	Price Proposal Template	The Price Proposal Workbook is missing from the publish RFP and associated files. Please provide a copy to the bidders.	Please refer to Addendum #01.	Addendum 06
73	35	Part I - Administrative	Negotiations and Best and Final Offers (BAFOs)	The RFP states that "NCTA may select none, one, or more than one Proposer." If more than one proposer is selected for this effort, how will NCTA determine the workshare amongst multiple offerors?	Task Orders will be assigned based on best value of the task order proposal.	Addendum 7

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.  Bid Bond Forms removed from Table 1-5 in Addendum 08.	Addendum 8
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.	Addendum 8
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.	Addendum 8

77	36	Part IV 3.7.15	Contractor's Liability for Injury to Persons or Damage to Property	<p>Bidder requests to modify language in RFP in paragraph 2 to the following :</p> <p>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 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 thios Contract.</p>	<p>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 to any other person, firm or corporation furnishing or supplying Work, Services, materials or supplies in connection with the Contractor's <u>negligent 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>	Addendum 8
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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.</p> <p>The foregoing indemnification and defense by the Contractor shall be conditioned upon the following:</p>	No change to RFP.	Addendum 8
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.	<p>Refer to response to Question #250</p> <p>Add Task order in definitions</p>	Addendum 8
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.	<p>The following update was made as part of Addendum 08:</p> <p>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 <del>two</del> <u>times the value of the total value of each Task Order awarded to the Contractor under</u> the Contract.</p>	Addendum 8
81		Part IV 3.7.14	Liquidated Damages, Paragraph 1	Please confirm if liquidated damages are only applicable to task orders and not the IDIQ/Master Contract.	Confirmed.	Addendum 06

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.	Addendum 8
83	31	4.1 - Submission of Technical Proposal	Industry is eager to provide electronic versions of our proposal. Following best practices for data at rest, it is in the best interest of industry and the State of North Carolina to protect the data using modern encryption to protect any proprietary or intellectual property.	Will the State of North Carolina accept our USB Flash Drives in a BitLocker encrypted format?	No	Addendum 7
84	31	4.1 - Submission of Technical Proposal	Industry is eager to provide electronic versions of our proposal. Following best practices for data at rest, it is in the best interest of industry and the State of North Carolina to protect the data using modern encryption to protect any proprietary or intellectual property.	Will the State of North Carolina indicate their preference to receive the password required to open the encrypted drive?	No passwords.	Addendum 7
85	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 clarify the number of hard copies and USB flash drives?	Provide 1 hard copy and 5 USB drives.	Addendum 7
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.	Addendum 8
87	4-Mar	Part IV 3.7.14	Liquidated Damages, Paragraph 1	Please confirm if liquidated damages are only applicable to task orders and not the IDIQ/Master Contract.	Liquidated Damages are only applicable to the subject awarded Task Order.	Addendum 7

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.	Addendum 8
89	11	Part I – 1.26.4	Listing of Subconsultants or Subcontractors	Can you please define Subcontractor as used in the RFP as applicable to complete and submit a RS-2 Form?	Please refer to Part II: Defined Terms in the RFP for the definition of "Subcontractor".	Addendum 06
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.	Addendum 8
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.	Addendum 8
92	7	Exhibit C	Price Proposal	"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 <a href="https://connect.ncdot.gov/business/Turnpike/Pages/default.aspx">https://connect.ncdot.gov/business/Turnpike/Pages/default.aspx</a> ." Will the Authority please post the native Excel pricing sheets? No sheets are currently visible on Connect.ncdot.gov.	Please refer to Addendum #01.	Addendum 06
93		01_STCS_RFP	Table 1-2 Procurement Schedule	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.	The procurement timeline will be assessed and adjusted as appropriate.	Addendum 06
94	11 of 37	Exh D-2 & 1.2.6.4	Form (D-2 List of Subcontractors and RS-2)	Exh D-2 & 1.2.6.4 requires submitting a Subconsultant or Subcontractor Form (RS-2), however, the RS-2 form is not included in the Exhibit pdf file. Please provide RS-2 form.	Refer Question 35 response.	Addendum 7

95	18	Table 1-3	Response to Part III Scope of Work	<p>RFP states <i>“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></p> <p>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.</p>	Refer to Addendum 08. RFP updated to state "Sections 3-6".	Addendum 8
96	18	Table 1-3	Response to Part III Scope of Work	<p>Are Offerors to respond to Section 2 General Documentation requirements in Section 6 of the response? Please clarify and identify if page count will be increased to allow for response to this section.</p>	Proposal Section 6 applies to SOW Sections 3-6.	Addendum 06
97	15	1.30	Work Zone Safety Guidelines	<p>RFP states <i>“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.”</i></p> <p>SOW does not appear to have Section 4.1.4 and 4.1.9. Please confirm the correct references should be Section 2.10.10 Compliance to Standards , and Section 2.10.7 General MOT Requirements and Conditions.</p>	References have been corrected in Addendum 06.	Addendum 8
98	30	Table 1-5, Form D 6	Requirements Conformance Matrix	<p>Location of Form/submittal in Proposal indicates that the matrix be located in Technical Proposal Section 6 which is limited to 50 pages.</p> <p>Is the matrix excluded from the page count?</p>	Yes, the matrix is excluded from the page count.	Addendum 06



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 placed 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.	Addendum 8
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"> <li>· Sections 1 and 2 up to 3 pages</li> <li>· Sections 3-5 up to 20 pages</li> </ul>	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.	Addendum 8
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.	Addendum 8
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.	Addendum 8
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.	Addendum 8

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.	Addendum 8
105	82	5.1.15, Item 532	Attachment 3	Item 532 references <b>Attachment 3: I-5507 Constructor Plans and Requirements</b> . However, Attachment 3 provided is Data Dictionary. Please clarify.	Requirement has been 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 interconnections between the toll Equipment cabinets as defined <u>per project in future Task Orders</u> , in <del>Attachment 3: I-5507 Constructor Plans &amp; Requirements.</del> "	Addendum 7
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.	Addendum 8
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.	Addendum 8
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.	Addendum 8
109	85	5.4, Item 545	Attachment reference	Requirement references <i>Attachment 10: Additional Toll Site System Details for more details.</i>  <i>Please provide Attachment 10.</i>	MOT requirements updated in Addendum 6.	Addendum 7
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.	Addendum 8
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.	Addendum 8

112	PDF Page 23	Part I - Administrative	North Carolina Turnpike Authority (NCTA) Part I, Page 16 of 37 Table I-2: Procurement Schedule	<p>Given the delayed pricing sheets, some missing key Attachments, the unusual nature of this RFP and the number of questions it has consequently generated, please extend the proposal submission deadline by 4 weeks.</p> <p>For the same reasons, please also consider extending the questions deadline by 1-2 weeks, to allow follow-up questions and questions regarding documentation/attachments that are missing from the RFP package at this time.</p>		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>	The procurement timeline will be assessed and adjusted as appropriate.	Addendum 8
114	N/A	Form D-6- Requirements Conformance Matrix	Requirement 401	<p>RFP Requirement: Data Dictionary: Reference the baseline data dictionary provided in Attachment 6: Data Dictionary and fill in the Contractor compliance column as part of the Proposal. This dictionary should then be used to track Contractor development and additional fields through the duration of the Contract.</p> <p>Question: Please confirm Attachment 6: Data Dictionary is to be added within the technical response as an attachment</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>	Addendum 7

<p>115</p>	<p>RFP Page 151</p>	<p>STCS-RFP.pdf, Part III – Scope of Work and Requirements, 6.1.1. Performance Measurement</p>	<p>Table 2: RTCS Performance Requirements, item 3</p>	<p>RFP Quote: Within 4 hours of the transaction date/time for 99.995% of the transactions.</p> <p>Question1: For the purposes of this measurement, does “AVI transaction” mean the transaction that contains only AVI identification, or AVI+image.</p> <p>Question 2: If both AVI and image must be included within 4 hours, please confirm that it only applies if manual IVS is not required.</p> <p>Question 3: Please confirm that this KPI does make an exception for third-party related communication provider failures between OBO and NCTA’s CBOS, e.g. CBOS or OBO cloud provider connectivity failure.</p>	<p>The Data Dictionary is provided in Attachment 3. See revised requirement 401 (now 411) in Addendum 06: "Data Dictionary: Reference the baseline data dictionary provided in Attachment 3: Data Dictionary and fill in the Contractor compliance column as part of the Proposal. This dictionary should then be used to track Contractor development and additional fields through the duration of the Contract."</p> <p>Please provide completed matrix as an attachment to the Proposal.</p>	<p>Addendum 7</p>
<p>116</p>	<p>PDF Page 96</p>	<p>STCS-RFP.pdf, Part III – Scope of Work and Requirements, 2.10.7., Req. 163</p>	<p>2.10.7 General MOT Requirements and Conditions</p>	<p>RFP Quote: RSS and ITS commissioning shall be scheduled to minimize traffic delays during the installation process. The Contractor shall make every effort to schedule work around peak traffic movement times. Note: Lane Closure Restrictions can be found in: Attachment 3: I-5507 Constructor Plans &amp; Requirements.</p> <p>Question: Attachment 3: I-5507 Constructor Plans &amp; Requirements is missing from the RFP package. Please provide Attachment 3: I-5507 Constructor Plans &amp; Requirements.</p>	<ol style="list-style-type: none"> <li>1. Images are not sent to CBOS/OBO for AVI transactions.</li> <li>2. Manual IVS requirement is detailed in KPI 5.</li> <li>3. Exceptions are assessed on a case by case basis.</li> </ol>	<p>Addendum 7</p>
<p>117</p>	<p>PDF Page 105</p>	<p>STCS-RFP.pdf , Part III – Scope of Work and Requirements, 3.1.5</p>	<p>3.1.5. Wrong-Way Vehicle Detection System</p>	<p>RFP Quote: If deployed, the Contractor shall integrate Wrong-Way Vehicle Detection Systems with its RTCS. The current NCTA standard for WWDD is the can be found in Attachment 8: WWVD and Blank-Out Sign Systems.</p> <p>Question: Attachment 8 does not contain WWVD and Blank-Out Sign Systems. The RFP only came with Attachment 8 NCTA Example Change Order. Please provide an attachment with WWVD and Blank-Out Sign Systems detail.</p>	<p>The requirement associated with this comment was removed in Addendum 06.</p>	<p>Addendum 7</p>

<p>118</p>	<p>PDF Page 106</p>	<p>STCS-RFP.pdf , Part III – Scope of Work and Requirements, 3.1.5</p>	<p>3.1.5. Wrong-Way Vehicle Detection System, Req. 240</p>	<p>RFP Requirement: The Contractor shall coordinate and be available onsite as needed during the acceptance test of the unique WWVD system performed by the Contractor and shall be responsible for signing off that the system is performing in accordance with the Contractor’s Requirements.</p> <p>Question: Please clarify whether the Constructor (and not RTSC Contractor) is responsible for the design and installation of the referenced unique standalone WWVD system. If yes, please provide specifications and equipment brands for that system, to enable bidders to plan and price integration, in the absence of Attachment 8: WWVD and Blank-Out Sign Systems</p>	<p>Introduction to section 3.1.5 Wrong-Way Vehicle Detection System revised to state: "If Deployed, the Contractor shall integrate Wrong-Way Vehicle Detection Systems with its RTCS. The current NCTA standard for WWDD can be found in <b>Attachment 10: ITS Standard Drawings.</b>" in Addendum 06.</p>	<p>Addendum 7</p>
<p>119</p>	<p>PDF Page 106</p>	<p>STCS-RFP.pdf , Part III – Scope of Work and Requirements, 3.1.5</p>	<p>3.1.5. Wrong-Way Vehicle Detection System, Req. 241</p>	<p>The Contractor shall be responsible for integrating the WWVD system to the RTCS and meeting all WWVD Performance Requirements.</p> <p>Question 1: Please advise where to find WWVD Performance Requirements.</p> <p>Question 2: We assume that all WWVD Performance Requirements would apply primarily to the D/B Constructor, as the provider of the WWVD system. We expect that the Contractor is only expected to meet WWVD Performance Requirements that are directly within SRTCS Contractor’s control. Please confirm this understanding is correct.</p>	<p>Introduction to section 3.1.5 Wrong-Way Vehicle Detection System revised to state: "If Deployed, the Contractor shall integrate Wrong-Way Vehicle Detection Systems with its RTCS. The current NCTA standard for WWDD can be found in <b>Attachment 10: ITS Standard Drawings.</b>" in Addendum 06. No pricing for integration of an external WWVD System is expected at this time. The proposers do need to consider the new requirements for WWVD and alerting functions to be provided as part of the RTCS within their design and pricing.</p>	<p>Addendum 06</p>

120	PDF Page 104	STCS-RFP.pdf , Part III – Scope of Work and Requirements, 3.1.3	3.1.3 Communications	<p>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.</p> <p>Question: Section 5.3.3 could not be found in this document, please clarify the Section that this clause is referring to.</p>	<p>Per this Addendum 06, the RFP language has been revised under Part III, <i>Section 3.1.5 Wrong-Way Vehicle Detection System</i>. In addition, a new <i>Section 3.1.6 Wrong Way Vehicle Detection and Notification</i> , under Part III, has been added.</p>	Addendum 8
121		Form D-6- Requirements Conformance Matrix	Requirement 75	<p>RFP Requirement: During each testing in the MTP, the Contractor shall use testing data encompassing at least 24 hours of image-based transactions to demonstrate it can meet the accuracy and timeliness Requirements set forth in this Contract. It is desired that the Contractor captures images from an existing NCTA roadway and use a statistically significant sample size, representative of production, from the data collected for testing purposes in FAT, OIT, SIT. This Requirement shall also be verified by test during the entire duration of each of the OAT and SAT as defined in the MTP. The statistically significant sample shall be proposed to the NCTA for its review and approval in the MTP.</p> <p>Question: Please, describe how the images are to be captured from an existing NCTA: will NCTA provide the images? Is the contractor required to interface NCTA ATMS/Images repository?</p>	<p>Reference updated to <b><u>4.2.1 General RSS Functional Requirements and 4.3.1 Transaction Reconciliation Host (TRH)</u></b> in Addendum 08.</p>	Addendum 7
122		Form D-6- Requirements Conformance Matrix	Requirement 80	<p>RFP Requirement: For OIT and SIT, NCTA will provide interfaces that to allow both OIT and SIT to be conducted as end-to-end tests with all interfaces tested. NCTA participation in the OIT and SIT end-to-end testing requires all elements of information from the FAT to be available in accordance with the Project Schedule. Any such deviation of this schedule or in complete data may impact NCTA readiness of its interfaces during the OIT or SIT.</p> <p>Question: Please provide details on interfaces to be provided by NCTA</p>	<p>Proposer to determine how to collect images as detailed in the RFP and detail as needed in the proposal.</p>	Addendum 7

123		Form D-6-Requirements Conformance Matrix	Requirement 81	<p>RFP Requirement: The Contractor shall plan and execute a baseline test known as Onsite Installation Test. (OIT). The purpose of the OIT is intended to validate that the system meets all use cases as outlined in Attachment 4: Use Cases and proposed by the Contractor in its proposal at a single NCTA-provided facility. The definition of the testing required for OIT can be found in Attachment 4: Use Cases. NCTA and the Contractor may choose to conduct the OIT on additional facilities as mutually agreed and if it benefits both parties.</p> <p>Question: Please provide details regarding the NCTA-provided facility</p>	<p>Details to be provided with applicable task order. Examples include CBO/OBO ICD and integration of an IT services and operation management platform</p>	Addendum 7
124		Form D-6-Requirements Conformance Matrix	Requirement 82	<p>RFP Requirement: The Contractor shall develop and implement an operations Site Installation Test (SIT). The purpose of the SIT is intended to validate that the system meets all use cases as outlined in Attachment 4: Use Cases and proposed by the Contractor in its proposal at a NCTA provided toll location with the purpose of validating the RTCS in accordance with the Requirements during the transition from the installation to the Operations Phase, as well as demonstrate that the system can perform and meet all Performance Requirements.</p> <p>Question: Please provide details regarding this NCTA-provided toll location</p>	<p>Details to be provided in future task orders. Attachment 9 NCTA Standard Drawings have been provided for reference of typical toll facility design in Addendum 06.</p>	Addendum 7
125		Form D-6-Requirements Conformance Matrix	Requirement 83	<p>RFP Requirement: The Contractor shall plan and execute a baseline test known as Operations Acceptance Test (OAT) immediately following the Go-Live. The purpose of the OAT is intended to validate that the system meets all use cases as outlined in Attachment 4: Use Cases and proposed by the Contractor in its proposal in a NCTA provided facility.</p> <p>Question: Please, provide details on NCTA provided testing facility</p>	<p>Details to be provided in future task orders. Attachment 9 NCTA Standard Drawings have been provided for reference of typical toll facility design in Addendum 06.</p>	Addendum 7

126		Form D-6-Requirements Conformance Matrix	Requirement 118	<p>RFP Requirement: A detailed description of the screens, reports, and functions shall be provided and shall allow a qualified auditor to access, understand, and work with all financial aspects of the RTCS.</p> <p>Question: As CBOS is not part of this project, please provide details on "financial aspects of the RTCS"</p>	<p>NCTA is not providing a testing facility. OAT will test the production toll system. The project facility will be detailed in each future task order.</p>	Addendum 7
127		Form D-6-Requirements Conformance Matrix	Requirement 138	<p>RFP Requirement: Such emergency conditions shall be handled in accordance with the policies and procedures established by NCTA. The following are a few examples of emergency conditions:</p> <p>Question: Because Level 1 Maintenance and Operation of the System is to be performed by others, please consider removing this requirement from the RTSC RFP</p>	<p>Reference Attachment 3 Data Dictionary for detailed data element requirements.</p>	Addendum 06
128		Form D-6-Requirements Conformance Matrix	Requirement 140	<p>RFP Requirement: The Contractor shall install any RSS servers and Hardware in the cabinets provided by the Constructor and approved by NCTA.</p> <p>Question: Please, confirm whether all cabinets (ITS, Toll and communications node) are to be provided by the DB Constructor or not. If not, please provide details on the quantity, locations and build for all the cabinets to be provided by the DB Constructor.</p>	<p>Per this 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 &amp; Form D-6 Requirements Conformance Matrix on the NCTA Connect Site.</p>	Addendum 7
129		Form D-6-Requirements Conformance Matrix	Requirement 144	<p>RFP Requirement: a) Furnish and install clean, uninterruptable power to all RSS Equipment on the overhead structures/toll gantries and in the toll Equipment cabinets.</p> <p>Question: Please confirm that Contractor responsibility is limited to provide the cabinets and that power supply itself is to be provided by NCTA or its DB Constructor</p>	<p>Facility and project details will be provided in future task orders. For the purpose of this RFP, assume all required RTCS cabinets shown in the Standard Drawings are provided by others.</p>	Addendum 06



130		Form D-6-Requirements Conformance Matrix	Requirement 144	<p>RFP Wording: n) Time synchronize the new RSS with the AVI system, including the provision of required cables as needed.</p> <p>Question: Please, provide details on the existing/designed AVI System</p>	Confirmed.	Addendum 06
131		Form D-6-Requirements Conformance Matrix	Requirement 162	<p>RFP wording: The Constructor will have the Express Lanes closed until the completion of the construction work. However, the Contractor shall be responsible for administering all lane closures and traffic controls that go beyond what is provided by the Constructor during the installation and for all the testing through acceptance. The Contractor shall be responsible for any lane closures on the general-purpose lanes to conduct its work and any lane closures that are required after the Constructor completes its work.</p> <p>Question: Please, provide Construction schedules to properly plan and price lane closures in order to reduce cost to NCTA</p>	AVI design will be provided in future task order.	Addendum 7
132		Form D-6-Requirements Conformance Matrix	Requirement 171	<p>RFP Requirement: Any work involving removal/relocation of Equipment (both existing Equipment and the Contractor's Equipment), loosening or removal of nuts/screws, cables, connectors, etc., shall be done with appropriate lane closures during a nighttime period or off-peak hours and in accordance with NCTA approved lane closures.</p> <p>Question 1: Please, provide details/Drawings on existing Equipment, if any, so we could plan and price any potential removals or relocations.</p> <p>Question2: Please, confirm that existing equipment is related to existing ITS systems, if any, and no Tolling equipment is currently installed</p>	Requirement 162 removed in Addendum 06. Project specific conditions will be included in future Task Orders.	Addendum 06

133		Form D-6-Requirements Conformance Matrix	Requirement 210	<p>RFP Requirement : During installation, the Contractor shall provide verification and comment on RTCS related elements that the Constructor is responsible for installing.</p> <p>Question: Please provide details about the elements that the Constructor is responsible for installing and detailed installation plan/Schedule for those activities</p>	Details to be provided in future task orders.	Addendum 06
134		Form D-6-Requirements Conformance Matrix	Requirement 223	<p>RFP Requirement : The Constructor will provide, terminate, and test the fiber connections from Toll Zone to Toll Zone. The Contractor is responsible for all network 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, provide drawings of available conduits for WAN and other relevant specifications</p>	Details to be provided in future task orders.	Addendum 06
135		Form D-6-Requirements Conformance Matrix AND Part III – Scope of Work and Requirements	Form D-6- Requirements Conformance Matrix, Req 227 AND Part III – SOW, Req, 543 AND Part III SOW, section 1.2 Summary of Scope of Work	<p>RCM Req 227 states: If communications to any element of the RTCS are down, an alarm shall be generated and reported to ITSM system.</p> <p>SOW Req 543 states: NCTA uses Service Now IT Service Management System. The Contract shall integrate into the Service Now IT service management system for the creation, updates, and closure of all incidents, change orders, and configuration in the RTCS.</p> <p>SOW Section 1.2 Summary of Scope of Work states: “The RSS shall be located at the tolling locations and shall include, but not be limited to, the following: [...] • IT Service Management (ITSM) systems (ITSM). [...]”</p> <p>Question: Please confirm whether ITSM is an existing Service Now system already owned and operated by NCTA and that the RTSC Contractor will use that existing NCTA System, and not provide or maintain one of its own.</p>	Details to be provided in future task orders.	Addendum 06

136		Form D-6-Requirements Conformance Matrix	Requirement 236	<p>RFP Requirement: The Contractor shall design, furnish, install, and commission additional ITS devices if deemed necessary to meet the Performance Requirements. The Contractor shall be responsible for any additional costs.</p> <p>Question: Please provide details on existing ITS devices and ITS devices to be installed by the DB Constructor, including make/model and drawings for each location.</p>	ITSM is an existing NCDOT owned system.	Addendum 06
137	PDF page 111	STCS-RFP.pdf, Part III – Scope of Work and Requirements, Req. 291 AND Form D-6-Requirements Conformance Matrix	4.2.2.2 Automatic Vehicle Detection and Classification (AVDC) System, Req 291	<p>RFP Quote: 291 The Contractor shall design, procure, furnish and install a secondary sensor and Equipment that are part of the AVDC system as a back-up to support image capture and vehicle framing in the event any element of the primary system fails or is degraded. The RTCS shall determine the conditions (configurable) that invoke the use of the secondary sensors and Equipment.</p> <p>Question 1: Please define “vehicle framing”</p> <p>Question 2: When you say “as a back-up to support image capture,” you mean as a backup triggering mechanism, not the secondary capability to actually take or process images, right?</p> <p>Question 3: In the unit-rates based pricing sheet, should the secondary equipment be listed as a separate line item?</p> <p>Question 4: Please define whether a degraded mode of operation is allowed.</p>	Details to be provided in future task orders.	Addendum 06

138		Form D-6-Requirements Conformance Matrix	Requirement 377	<p>RFP Wording: Transaction data, Images, DVAS video and system logs shall be retained online for ninety (90) Days and then archived and purged.                  Question: Is it allowed to provide DVAS video system in an on-premise facility in order to reduce operational and maintenance costs?</p>	<p>1. Transaction framing                  2. Secondary capability to trigger cameras and correlate images to transactions in conformance to requirements.                  3. No, redundancy is part of core system cost.                  4. Include details of redundancies and potential degraded modes of operation in proposal for NCTA assessment.</p>	Addendum 06
139		Form D-6-Requirements Conformance Matrix	Requirement 380	<p>RFP Wording: Remote access to all RTCS shall be VPN based and controlled through a central repository, with each user having a unique log-in.                  Question: Is VPN access provided by NCTA?</p>	"Online" is intended to mean immediately accessible, not necessarily cloud hosted.	Addendum 06
140		Form D-6-Requirements Conformance Matrix	Requirement 390	<p>RFP Wording: f) CEMS; g) ACSMS                  Question: Please, confirm that Contractor' scope is limited to Road Cabinets.</p>	VPN to be provided by Contractor.	Addendum 7
141		Form D-6-Requirements Conformance Matrix	Requirement 394	<p>RFP Requirement: The CEMS shall be accessible from the MRTMC and STOC via a virtual private network approved by NCTA and on a NCTA provided workstation.                  Question 1: Please, provide ICDs for both:                  - MRTMC                  - STOC                  Question 2: Is NCTA providing and paying VPN for this purpose?</p>	<p>ACSMS functional requirements have been added to the RFP in Addendum 6. ACSMS and CEMS have been removed from the AET/EXP Roadside backup pricing sheets. Only include pricing for TRH costs associated to support CEMS/ACSMS functions. Zone level details and pricing will be assessed with future task orders, when location-specific details are available.</p>	Addendum 06

142		Form D-6-Requirements Conformance Matrix	Requirement 456	<p>RFP Requirement: If required by the Contractor, services for fiber-optic/utility location shall be invoiced to NCTA as cost plus \$250 per locate.</p> <p>Question: Please elaborate on this requirement. It seems like something that should fall within the Level I Maintenance provider's contract scope instead.</p>	Users will need to access CEMS data through Contractor GUI over contractor provided VPN.	Addendum 06
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>	Per this 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.	Addendum 8
144		Form D-6- RCM AND Part III – Scope of Work and Requirements, section 5.1.2.1.	Form D-6- RCM AND Part III – Scope of Work and Requirements, section 5.1.2.1., Req. 463	<p>RFP Requirement h) general Equipment and Hardware maintenance, replacement and spare parts inventory in ITSM system;</p> <p>Question: Please confirm that only Spare parts inventory in ITSM system is expected from RTSC Contractor per this Requirement 463, because Level 1 Maintenance is to be performed by others</p>	Per this 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.	Addendum 06
145		Form D-6-Requirements Conformance Matrix AND Part III – SOW, section 5.1.2.1. ,Req. 463	Form D-6- RCM AND Part III – Scope of Work and Requirements, section 5.1.2.1., Req. 463	<p>RFP Requirement: i) general inspection and maintenance of roadside infrastructure;</p> <p>Question 1: Please remove this requirement, as it is out of the Contractor' scope, since level 1 is to be performed by others</p> <p>Question 2: Some more requirements in this section 5.1.2.1. of Part III SOW contain references to activities that belong under Level I. Please update this section to show that Level I activities do not fall within the RTSC Contractor's purview.</p>	Per this 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.	Addendum 06

146		Form D-6-Requirements Conformance Matrix	Requirement 463	<p>RFP Requirement: u) manual retrieval of data from the Zone Controllers and download of the Transponder status list and toll rate and schedule files in the event of extended communications failure;</p> <p>Question: Please confirm this requirement is not under RTSC Contractor's scope, since Level 1 Maintenance is to be performed by others</p>	Per this 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.	Addendum 06
147		Form D-6-Requirements Conformance Matrix	Requirement 463	<p>RFP Requirement: v) re-establishing or re-installing system files, programs and parameters, as required, following a failure or damage to the RTCS and returning lanes to fully operational condition.</p> <p>Question: Please confirm this requirement is not under RTSC Contractor's scope, since Level 1 is to be performed by others and the RTSC Contractor will participate only in cases where Level II Maintenance is required</p>	Per this 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.	Addendum 06
148		Form D-6-Requirements Conformance Matrix	Requirement 469	<p>RFP Requirement: d) Interface to future VOD system provided by others;</p> <p>Question: Please provide details on future VOD system and ICD for those future systems, if available</p>	Details to be provided in future task orders, as applicable.	Addendum 06
149		Form D-6-Requirements Conformance Matrix	Requirement 469	<p>RFP Requirement: h) Card readers;</p> <p>Question: Please provide details on which part of the system/devices you expected Card Readers to be installed</p>	Card readers are for ACSMS	Addendum 06
150		Form D-6-Requirements Conformance Matrix	Requirement 469	<p>RFP Requirement: l) inspection, test, and repair of cables, wiring and terminations;</p> <p>Question: Please confirm that this requirement is not part of the RTSC Contractor scope, since this falls within Level 1 Maintenance to be provided by others</p>	Per this 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.	Addendum 06

151		Form D-6-Requirements Conformance Matrix	Requirement 482	<p>RFP Requirement: The Contractor shall provide and perform onsite preventive maintenance on the RSS Hardware, host Hardware, Contractor LAN/WAN communications Equipment, and Software in accordance with the approved Maintenance Plan.</p> <p>Question: Please elaborate on this requirement, considering that hardware is Level 1 Maintenance that will be performed by others and is not under RTSC Contractor's scope.</p>	<p>Per this 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 &amp; Form D-6 Requirements Conformance Matrix on the NCTA Connect Site.</p>	Addendum 06
152		Form D-6-Requirements Conformance Matrix	Requirement 483	<p>RFP Requirement: The Contractor shall inspect all Contractor installed Equipment, both major components and support components (fans, cables, connectors, cabinets, Equipment racks, storage units) that constitute the RTCS and shall make such repairs, cleaning, adjustments, and replacements of components as necessary to maintain the Equipment in normal operating condition in accordance with the approved Maintenance Plan.</p> <p>Question: Please, confirm that this requirement is not under RTSC Contractor' scope, since Level 1 Maintenance is to be performed by others</p>	<p>Per this 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 &amp; Form D-6 Requirements Conformance Matrix on the NCTA Connect Site.</p>	Addendum 06
153		Form D-6-Requirements Conformance Matrix	Requirement 486	<p>RFP Requirement: Preventive maintenance requiring lane closure shall be scheduled by the Contractor for off-peak travel periods, evenings, Saturdays, and Sundays and coordinated with NCTA, so that the work shall not interfere with normal traffic flow unless otherwise approved by NCTA.</p> <p>Question: Please confirm that scheduling Lane Closures and related documentation and permits management is not under RTSC Contractor's scope, since Level 1 Maintenance is to be performed by others</p>	<p>Per this 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 &amp; Form D-6 Requirements Conformance Matrix on the NCTA Connect Site.</p>	Addendum 06

154		Form D-6-Requirements Conformance Matrix AND Part III – SOW, 5.1.9.2 Spare Parts Inventory Management	Requirement 504	<p>RFP Requirement: The Contractor shall be responsible for providing to NCTA spare parts inventory during the Contract period as requested by NCTA or its designated Level 1 and Level II Maintenance providers. NCTA is responsible for monitoring and identifying the existing spare parts inventory, ordering spare parts as required, and proposing the quantity needed to maintain the required performance.</p> <p>Question: Please confirm this requirement does not apply to the RTSC Contractor, since Level I Maintenance and spares management are to be provided by others .</p>	Per this 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.	Addendum 06
155		Form D-6-Requirements Conformance Matrix	Requirement 505	<p>RFP Requirement: NCTA will, on a quarterly basis, Update and recommend a spare part quantity to be maintained in order to support the RTCS functionality and operational readiness. The Contractor shall provide a document with all lead times for all Spare Parts to NCTA no later than 180 Calendar Days after NTP. The longest lead order time for any Spare Part shall not exceed 90 Calendar Days but NCTA expects most shall be available less than thirty (30) days from an order placed by NCTA to the Contract.</p> <p>Question: If the RTSC Contractor provides the initial spare parts inventory per Req. 504 and Req. 505, whose responsibility is it to maintain the inventory at adequate levels throughout the 5-11 year maintenance term? How are the additional spares to be purchased, apart from the initial set of spares are to be priced and invoiced by the RTSC Contractor?</p>	Per this 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.	Addendum 06
156		Form D-6-Requirements Conformance Matrix	Requirement 511	<p>RFP Requirement: The Contractor shall provide NCTA TMC with any requests for lane closures to address emergency corrective repairs. The request shall be submitted immediately after the system failure is detected.</p> <p>Question: Please confirm this requirement does not apply to the RTSC Contractor, since Level I Maintenance is to be provided by others</p>	Per this 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.	Addendum 06



157		Form D-6-Requirements Conformance Matrix	Requirement 531	<p>RFP Requirement: 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 7.9 Non-Chargeable and Chargeable Failures of Part III, Scope of Work and Requirements.</p> <p>Question 1: Please confirm both the inspection and replacement requirement falls under Level 1 Maintenance scope that is to be provided by others, and not within RTSC Contractor's scope.</p> <p>Question 2: If any part of this requirement falls within the RTSC Contractor's scope, please elaborate and confirm that it only applies if definitively proven that damage and degradation are not due to improper maintenance by others, such as the Level I maintenance provider.</p>	Per this 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.	Addendum 06
158		Form D-6-Requirements Conformance Matrix	Requirement 532	<p>RFP Requirement: The Contractor shall maintain the RTCS LAN/WAN that includes all Contractor network connections in the toll Equipment cabinets and interconnections between the toll Equipment cabinets as defined in Attachment 3: I-5507 Constructor Plans &amp; Requirements</p> <p>Question: Please confirm this requirement is under Level 1 maintenance provider, and not under RTSC Contractor's scope</p>	Per this 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.	Addendum 06
159		Form D-6-Requirements Conformance Matrix	Requirement 533	<p>RFP Requirements: The Contractor shall perform any maintenance, daily, weekly, or periodic, required to maintain the RTCS at required performance levels (for example: archival and purging in accordance with NCTA's retention policy).</p> <p>Question: It is our understanding that this requirement does not apply to Level 1 maintenance and operations, as they are outside of RTSC scope. If the understanding is incorrect, please clarify.</p>	Per this 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.	Addendum 06

160		Form D-6-Requirements Conformance Matrix	Requirement 534	<p>RFP Requirements: The Contractor shall retrieve data manually from the Zone Controllers and download the Transponder status list and toll rate and schedule files in the event there is an extended communications failure.</p> <p>Question: Please confirm this requirement is under Level 1 maintenance provider, and not under RTSC Contractor's scope</p>	Per this 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.	Addendum 06
161	PDF Page 127	4.3.2.2 Toll Rate Sign (TRS)	4.3.2. Dynamic Pricing System 2 Toll Rate Sign (TRS) (436)	<p>RFP wording: "The Contractor shall provide all equipment necessary to integrate and make the TRS operational to meet all Requirements."</p> <p>Question: No technical specifications regarding TRS have been found. Please provide.</p>	Details to be provided in future task orders, as applicable.	Addendum 06
162	PDF Page 128	4.3.2.2 Toll Rate Sign (TRS)	4.3.2. Dynamic Pricing System 2 Toll Rate Sign (TRS) (444)	<p>RFP Wording: "The TRS camera shall have fixed view presets and also be able to pan/tilt/zoom to accommodate when the TRS is not functioning and temporary roadside signing is used to communicate temporary toll rates."</p> <p>Question: Please confirm that the only CCTV system cameras anticipated are PTZ camera to monitoring the TRS panels.</p>	Details to be provided in future task orders, as applicable.	Addendum 06
163	N/A	D-7 Price Proposal	D-7 Price Proposal, 2-1 Backup AET Roadside	<p>Section 3 ICPS only lists "Rear Camera" on the pricing sheet. However requirement 250 of Part III – Scope of Work and Requirements states: "The RSS shall capture at least one front and one rear unique color image of the vehicle and its license plate(s) for every vehicle that passes through a toll lane or Toll Zone." Please clarify whether or not front license plate capture is required.</p>	Exhibit D-7 Price Proposal updated in Addendum 06.	Addendum 7

164	N/A	Form D-7 Price Proposal	D-7 Price Proposal, 2-1 Backup AET Roadside	<p>Form D-7 channels lane hardware pricing into per-lane unit prices. In an out-of-the-box innovative solution, an integrator may have a single hardware unit or set covering either one or two lanes. How is an integrator to price such an innovative solution without putting itself at a disadvantage versus older technologies that are placed in-pavement in every lane and priced accordingly? Per-lane pricing in D-7 places such a solution at a price disadvantage because a single lane may be needlessly overpriced if quoted per unit. But the Price Proposal instructions strictly forbid Assumptions as a potential disqualification cause. How/where can integrators explain what goes into a per-lane price in this or similar situation?</p>	<p>Proposer to price as their solution applies to the pricing sheet. State any applicable assumptions.</p> <p><b>Update:</b>  <u>Refer to Part I, Section 4.2, #8, stating "Assumptions should be provided in the manner set forth in this Part I Administrative, Section 3.2 Content of Technical Proposal (Proposal Section 6)."</u></p>	<p>Addendum 7                  Updated in Addendum 9</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>	<p>Please refer to response in Question #34.</p>	<p>Addendum 8</p>
166	N/A	D-7 Price Proposal	D-7 Price Proposal, 2-2 Backup AET ITS	<p>Regarding "Out of Pavement Vehicle Detection Device" – does this mean above-ground MVD or similar ITS sensor?</p>	<p>Per this Addendum 06, changes have been made to the D-7 Price Proposal Form, which includes the removal of ITS from the pricing sheets.</p> <p>ITS items will be priced in future task orders, as applicable.</p>	<p>Addendum 06</p>
167	N/A	D-7 Price Proposal	D-7 Price Proposal, 2-1 Backup AET Roadside	<p>The price sheet requires "Quantity per Toll Zone." Please advise : how many lanes constitute a Toll Zone for the purposes of this pricing sheet?</p>	<p>Per this Addendum 06, changes have been made to the D-7 Price Proposal Form, including changes to tab 2-1 Backup AET Roadside.</p>	<p>Addendum 06</p>

168	N/A	D-7 Price Proposal	D-7 Price Proposal, 2-2 Backup AET ITS 2-4 Backup EXP ITS	The price sheet requires "Quantity per Location." Please define, in quantitative terms to the extent possible, what constitutes a "Location" for the purpose of this pricing sheet and the ITS devices, particularly since ITS devices are usually not installed at the same location as an AET or an Express Lane Toll Gantry	ITS Pricing Sheets were removed in Addendum 6. ITS pricing will be addressed in future Task Orders, as applicable.	Addendum 7
169	PDF page 174	STCS-RFP.pdf, PART IV TERMS AND CONDITIONS	PART IV TERMS AND CONDITIONS 1.2. Contract Terms	RFP wording: For each Project, the Contractor shall be issued a Notice to Proceed for the Implementation Phase. A second Notice to Proceed will be issued for the Installation and Acceptance Phase and Operations and Maintenance Phase approximately 210 Calendar Days prior to Go-Live based on the Construction Contract schedule. The 210 Calendar Day period constitutes a 90 Calendar Day notice for mobilization and purpose of equipment and a 120-calendar installation period of all Toll Zones to be ready for Go-Live Question: Can the 210 calendar days be fully dedicated to installation? Or 120 days is the maximum allowed installation period?	120 days is the maximum allowed installation period. Any variations will be provided in future task order.	Addendum 06
170	PDF page 152	STCS-RFP.pdf,	Table 2: RTCS Performance Requirements	RFP Quote: Performance Requirement 15 : Provide NCTA and NCDOT staff with MOT schedules and MOT plans ahead of placement of lane closures for any type of maintenance. POINTS: 1 point for each instance of a MOT that is placed without a documented notification to NCTA and NCDOT and prior Approval from NCTA. Question: Please confirm that this Performance requirement does not apply to the RTSC Contractor, because Level 1 maintenance is to be performed by others, therefore notifications to NCTA and NCDOT shall be performed by NCTA's vendor responsible for Level I Maintenance.	Requirement only applies to work performed by the RTCS Contractor or sub-contractors.	Addendum 06

171	PDF page 152	STCS-RFP.pdf,	Table 2: RTCS Performance Requirements	RFP Quote: Performance Requirement 16: All MOT of NCTA facilities shall be in accordance with NCDOT standards.  POINTS: 1 point for each instance of a MOT that is placed out of accordance with NCDOT standards Question: Please confirm that this Performance requirement does not apply to the RTSC Contractor, because Level 1 maintenance is to be performed by others, therefore placing MOT during maintenance shall be performed by NCTA's vendor responsible for Level I Maintenance.	Requirement only applies to work performed by the RTCS Contractor or sub-contractors.	Addendum 06
172	Forms	Form D-7 Price Proposal	Sheet 1, Project Summary	Excel row 54. Reference is to Sheet 9. It should be sheet 8.	Exhibit D-7 Price Proposal updated in Addendum 06.	Addendum 7
173	Forms	Form D-7 Price Proposal	Sheet 2-1, Backup AET Roadside	The following cells are locked preventing data entry: A66 - A69, A97 - A100, C44 - C47, C75 - C78.	Exhibit D-7 Price Proposal updated in Addendum 06.	Addendum 7
174	Forms	Form D-7 Price Proposal	Sheet 2-2, Backup AET ITS	The cells in column A are not turning green when data is entered. nThey remain yellow.	Exhibit D-7 Price Proposal updated in Addendum 06. This sheet has been removed.	Addendum 7
175	Forms	Form D-7 Price Proposal	Sheet 2-3, Backup EXP Roadside	The following cells are locked preventing data entry: A97 - A100, C75 - C80.	Exhibit D-7 Price Proposal updated in Addendum 06.	Addendum 7
176	Forms	Form D-7 Price Proposal	Sheet 2-3, Backup EXP Roadside	Cells A66-A69 are not turning green upon data entry. They remain yellow.	Exhibit D-7 Price Proposal updated in Addendum 06.	Addendum 7
177	Forms	Form D-7 Price Proposal	Sheet 2-3, Backup EXP Roadside	The formulas are missing in cells D52, D53, D83 and D84.	Exhibit D-7 Price Proposal updated in Addendum 06.	Addendum 7
178	Forms	Form D-7 Price Proposal	Sheet 2-4, Backup EXP ITS	The cells in column A are not turning green when data is entered. They remain yellow.	Exhibit D-7 Price Proposal updated in Addendum 06. This sheet has been removed.	Addendum 7
179	Forms	Form D-7 Price Proposal	Sheet 3-1, Backup AET TRH	Cells F4 and F5 should be colored yellow for data entry.	Exhibit D-7 Price Proposal updated in Addendum 06.	Addendum 7
180	Forms	Form D-7 Price Proposal	Sheet 3-2, Backup EXP TRH	Cell A19 should be colored yellow for data entry.	Exhibit D-7 Price Proposal updated in Addendum 06.	Addendum 7
181	Forms	Form D-7 Price Proposal	Sheet 3-2, Backup EXP TRH	Cell A36 is locked preventing data entry.	Exhibit D-7 Price Proposal updated in Addendum 06.	Addendum 7
182	Forms	Form D-7 Price Proposal	Sheet 4-1, Backup Toll System Imp	Cells E37 - E40 are locked preventing data entry.	Exhibit D-7 Price Proposal updated in Addendum 06.	Addendum 7
183	Forms	Form D-7 Price Proposal	Sheet 4-1, Backup Toll System Imp	The cells in column E are not turning green upon data entry. They remain yellow.	Exhibit D-7 Price Proposal updated in Addendum 06.	Addendum 7

184	Forms	Form D-7 Price Proposal	Sheet 5, Roadside Maintenance	The formulas are not multiplying the values on sheets 5-1 and 5-2 by 12 to compute an annual value.	Exhibit D-7 Price Proposal updated in Addendum 06.	Addendum 7
185	Forms	Form D-7 Price Proposal	Sheet 6, TRH Maint	The descriptions in cells B11 - B12 should be years 6-8. The descriptions in cells B14 - B16 should be years 9-11.	Exhibit D-7 Price Proposal updated in Addendum 06.	Addendum 7
186	Forms	Form D-7 Price Proposal	Sheet 6, TRH Maint	The descriptions in cells B30 - B32 should be years 6-8. The descriptions in cells B34 - B36 should be years 9-11.	Exhibit D-7 Price Proposal updated in Addendum 06.	Addendum 8
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 06.	Addendum 8
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 06.	Addendum 7
189	Forms	Form D-7 Price Proposal	Sheet 6-2, Backup EXP 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, E197 - E191, E203 - E205, E209 - E211, E215 - E217, E229 - E231, E235 - E237, E249 - E251, E255 E257.. It appears that a COLA formula was inserted.	Exhibit D-7 Price Proposal updated in Addendum 06.	Addendum 7
190	Forms	Form D-7 Price Proposal	Sheet 6-2, Backup EXP 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 06.	Addendum 7
191	Forms	Form D-7 Price Proposal	Sheet 8 ITS Maintenance	None of the yellow data entry cells are turning green upon data entry.	Exhibit D-7 Price Proposal updated in Addendum 06.	Addendum 7
192	Forms	Form D-7 Price Proposal	Sheet 8 ITS Maintenance	Rows 12, 16 and 20 are yellow and not locked from data entry. These are formula cells.	Exhibit D-7 Price Proposal updated in Addendum 06.	Addendum 7
193	Forms	Form D-7 Price Proposal	Sheet 8 ITS Maintenance	The descriptions in cells B13 - B15 should be years 6-8. The descriptions in cells B17 - B19 should be years 9-11.	Exhibit D-7 Price Proposal updated in Addendum 06.	Addendum 7
194	Forms	Form D-7 Price Proposal	Sheet 8 ITS Maintenance	The descriptions in cells B34 - B36 should be years 6-8. The descriptions in cells B38 - B40 should be years 9-11.	Exhibit D-7 Price Proposal updated in Addendum 06.	Addendum 7

195	n/a	n/a	General	May Proposers ask a 2nd round of questions, prior to submission of the Proposals, to clarify answers from NCTA?	After NCTA provides response to all Proposer questions, Proposers will be given 5 business days to submit any clarification questions associated with the Addenda.	Addendum 06
196	n/a	n/a	General	How does NCTA award the Purchase Order after the down-selected bench has been chosen? Is each PO evaluated against a new set of weighted criteria (schedule, price, team, etc.) or is it purely based on lowest priced PO? If weighted, what is the calculation based on?	Task Order will be issued to all selected vendors and the Best Value Proposer will be chosen.	Addendum 7
197		Exhibit C	General	Would NCTA please clarify the expected number of lanes in each environment within the Pricing Proposal template?  For example: an AET environment by its name typically would be two or more travel lanes of a roadway, with instrumented shoulders based off shoulder width or not. If NCTA can provide a typical expectation, all proposers can have the same assumptions necessary for NCTA to evaluate similar priced roadways. For Express Lanes, is the correct assumption one travel lane and one drivable shoulder?	Exhibit D-7 Price Proposal updated in Addendum 06.	Addendum 7
198	1	Attachment 4	Use Cases	In UC-03, it states "execute 50 standard image toll transactions and validate the transactions...". While 50 transactions are explicitly stated in the Scenario Description, there are still a minimum number of transactions per test phase (e.g. FAT=1000, OIT=2500). Please clarify.	Per this Addendum 06, the scenario description for UC-03 has been revised. Please reference Attachment 4 on the NCTA Connect Site.	Addendum 06

199	4	Attachment 4	Use Cases	<p>UC-08 states the following: " Maintenance operations monitor alerts and dispatch technicians for full 24/7 operations during UAT. Monthly Maintenance Reports provided for 2-week UAT."</p> <p>Question: The testing phases defined in this Attachment 4 are FAT, OIT, SIT, OAT, SAT. but there is no mention for a UAT testing phase. Please clarify what UAT testing refers to in this use case and how does it apply to FAT, OIT and SIT.</p>	<p>Per this Addendum 06, the scenario description for UC-08 has been revised. Please reference Attachment 4 on the NCTA Connect Site.</p>	Addendum 06
200		Attachment 7	Attachment 7 NCTA Change and Release Management Process	<p>The RFP mentions the following: "UAT testing team is responsible for testing the application functionality on the final build promoted to Higher Level testing environment and provide sign off approval."</p> <p>Question: The testing phases defined in Attachment 4 are FAT, OIT, SIT, OAT, SAT. but there is no mention for a UAT testing phase. Please clarify if a UAT Testing Phase is required and what the expectations of this test phase are.</p>	<p>UAT is the change management process during Maintenance Phase for system change testing prior to deploying software into production. In the Maintenance Phase, the vendor is required to communicate and receive concurrence from NCTA prior to deployment.</p>	Addendum 06
201	2	RFP Part I	Table I-I Operations and Maintenance	<p>In various sections and tables, it states that the project scope for maintenance services is for Level II &amp; III. In section 5.1.2 it states that the contractor shall only provide Level III support. Please clarify that bidders are only required to provide Level III Remote SW/System Support?</p>	<p>Per this 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 &amp; Form D-6 Requirements Conformance Matrix on the NCTA Connect Site.</p>	Addendum 06
202	21	RFP Part I	D. Proposal Section 2: Key Team Qualifications	<p>Please clarify whether there is a difference between Key Team Personnel and Key Team Members as both terms are present in the requirements for Section 2. Are we to assume the Key Team Members are the individuals in the Primary role on Table I-4? Does NCTA want resumes for only the Primary Key Staff or for the successors as well?</p>	<p>Key Team Personnel and Key Team Members are synonymous and listed in Table 1-4. Submit resumes for Primary and Successors for key roles.</p>	Addendum 06



203	21	RFP Part I	D. Proposal Section 2: Key Team Qualifications	<p>RE: "For Key Personnel positions other than the Project Principal, provide a brief narrative explaining other project commitments the individual may have that would restrict their full availability to the Project and also their expected working location, whether at the NCTA project office or the Project site."</p> <p>Please clarify if NCTA expects all Key Team Personnel to be onsite at NCTA project office or NCTA project site.</p> <p>Will NCTA make available to contractors office/workspace (NCTA project office) that contractors use during the project Implementation, Installation, integration &amp; Testing Phase for contractors key project resources to utilize if needed?</p>	<p>1. On-site requirements are not specified in this RFP. Proposers shall detail on-site commitments for key roles and how they will use tools and processes to meet project requirements with the staffing plan.</p> <p>2. No.</p>	Addendum 7
204	21	RFP Part I	D. Proposal Section 2: Key Team Qualifications	<p>Will NCTA make available to contractors workspace (NCTA storage facility) that contractors use during the project Implementation, Installation, integration &amp; Testing Phase for contractors to use for equipment storage and equipment staging to utilize if needed?</p>	<p>Proposer should plan to provision all storage and office facilities needed to implement and operate these projects.</p>	Addendum 7
205	23	RFP Part I	E. Proposal Section 3: Approach to Scope of Work and Requirements; #3	<p>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?</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 <del>5.4</del> <b>4.3.1.4 Data Summarization and 4.3.1.5 Data Warehouse</b> of Part III- Scope of Work and Requirements, and External Interfaces and Data Requirements as outlined in Section <del>5.5</del> <b>4.3.1.6</b> of the Part III, Scope of Work and Requirements.</p>	Addendum 8

<p>206</p>	<p>24</p>	<p>RFP Part I</p>	<p>E. Proposal Section 3: Approach to Scope of Work and Requirements; #3</p>	<p>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?</p>	<p>References have been corrected in Addendum XX.</p> <p>3. Discuss the Proposer's approach to meeting all data summarization, data warehouse Requirements as outlined in Sections <del>5.4.3.1.4</del> <b>4.3.1.4 Data Summarization and 4.3.1.5 Data Warehouse</b> of Part III- Scope of Work and Requirements, and External Interfaces and Data Requirements as outlined in Section <del>5.5</del> <b>4.3.1.6</b> of the Part III, Scope of Work and Requirements.</p>	<p>Addendum 8</p>
<p>207</p>	<p>25</p>	<p>RFP Part I</p>	<p>E. Proposal Section 3: Approach to Scope of Work and Requirements; #10 part D</p>	<p>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"</p> <p>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?</p>	<p>Language updated in Addendum 08:</p> <p>Guaranteed successful transmission of all image-based transactions and images <del>to the existing contractor provided host and to the</del> NCTA CBOS/OBO;</p>	<p>Addendum 8</p>

<p>208</p>	<p>26</p>	<p>RFP Part I</p>	<p>E. Proposal Section 3: Approach to Scope of Work and Requirements; #15</p>	<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 <del>provide its ICD's and</del> <b>use the ICD provided in Attachment 6 NCTA CBOS to RSS ICD-v2 as a reference to discuss</b> how it would integrate to a NCTA provided CBOS/OBO.</p>	<p>Addendum 8</p>
<p>209</p>	<p>3</p>	<p>RFP Part III</p>	<p>1.2 Summary of Scope of Work</p>	<p>RE: Integration of Closed-Circuit Television (CCTV) cameras used for monitoring of toll rate messages, Dynamic Message Signs (DMS) used for travel time messages, Toll Rate Signs (TRS), and Microwave Vehicle Detectors (MVD) to the RTCS:</p> <p>Is the Contractor required to provide CCTV cameras or are these provided by others? If others, what is the make/model of the CCTV cameras and/or interface necessary? Will these be static or PTZ cameras? Is it expected to use any toll system functionality to PTZ the cameras if they support that feature?</p>	<p>Clarification: The scope for ITS device installation is limited to the integration of devices provided by others. Please reference Section 1.2 Summary Scope of Work within Part III - Scope of Work and Requirements.</p> <p>Any changes to scope will be addressed in task orders, as applicable.</p>	<p>Addendum 06</p>
<p>210</p>	<p>18</p>	<p>RFP Part III</p>	<p>2.6 Master Test Plan</p>	<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>	<p>Corrected to "thirty (30)" in Addendum 08.</p>	<p>Addendum 8</p>

211	31 & 67	RFP Part III	2.10.3 RSS Installation Requirements and 5. Maintenance Responsibilities and Services	<p>Item t) Integrate, calibrate, and test the toll related ITS elements that are provided by the Contractor to the ITSM system; and The Contractor shall be responsible for coordinating with the Constructor for any ITS Equipment failures which occur during the manufacturer’s warranty period for ITS elements provided by others.</p> <p>Please clarify what ITS equipment is expected to be provided by the Contractor for toll-related aspects and what equipment is expected to be "provided by others".</p>	Vendor should demonstrate experience in integration and maintenance in their proposal, however future details of future projects are unknown and details are to be provided in future task orders, as applicable.	Addendum 06
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: <b>"(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."</b>	Addendum 8
213	48	RFP Part III	4.2.2.2 Automatic Vehicle Detection and Classification (AVDC) System; #289	Requirement 289: Please confirm that identification of Transit Vehicles and First Responder Vehicles is by transponder type only, and not via "visual" or other classification-related means. Without transit or first responder transponders, those vehicles will be treated as any other vehicle of that classification.	Refer to Attachment 1 - NCTA Business Policies	Addendum 7
214	50	RFP Part III	4.2.2.7 Saving Images; #313	Requirement 313: Please clarify if KPI measurements still apply when lanes are in maintenance or Emergency operating mode.	Exceptions are assessed and applied on a case-by-case basis.	Addendum 7

215	54	RFP Part III	4.3.1 Transaction Reconciliation Host (TRH); #350	<p>Requirement 350: How does NCTA anticipate CSRs and the CBOS authenticate its users against a web based application provided and supported on a RTCS system? Is the Contractor anticipated to provide Active Directory or other SSO method for use by CSRs to utilize their CBOS access credentials? Are the CSRs authenticated via AD or other methodology? Should the RTCS Contractor provide its own user authentication method for CSRs to utilize? Are all CSRs accessing the web based application through a single physical location or via VPN, therefore IP restrictions can be strictly enforced?</p>	<p>CSR's are to be provided read-only access to the Contractor provided interface using Contractor provided AD and VPN, which adhere to NCDIT security policies.</p> <p>Assume the location from which the interface is accessed is unknown at this time.</p>	Addendum 7
216	55	RFP Part III	4.3.1 Transaction Reconciliation Host (TRH); #360 item C	<p>Requirement 360 (item C): Support existing NCTA review and auditing processes to measure the system against the Performance Requirements.</p> <p>Please provide the existing review and auditing processes for gap analysis.</p>	<p>Refer to data views in Attachment 3: Data Dictionary.</p>	Addendum 06
217	63	RFP Part III	4.3.1.5 External Interfaces and Data Requirements; #421	<p>Requirement 421: Due to the requirement to transmit data between clouds, will cloud data transmission costs be a pass-through to the state? For example, data costs between availability zones within Azure are \$0.01 per GB, and potentially up to \$0.087 per GB to other cloud providers such as AWS or GDP as options stated within the RFP. The ability to cost these unknowns put undue risk on the vendors.</p>	<p>Yes.</p>	Addendum 06
218	64	RFP Part III	4.3.2.1 Dynamic Pricing System Core Function Requirements; #433	<p>Requirement 433: Please elaborate on what twenty (20) different pricing plans means to NCTA. Currently this requirement is vague and does not allow Contractor the knowledge necessary to price the specific development necessary to satisfy the goals of NCTA.</p>	<p>DPS must support 20 different price tiers by hour/time of the day.</p>	Addendum 06
219	66	RFP Part III	4.4.3 Image Verification Services; #448	<p>Requirement 448: Please clarify if the Region of Interest (ROI) is expected from both the front and rear images or from the front or rear depending on the type of vehicle? Does this requirement change in Express Lane environment versus AET environment?</p>	<p>ROI is required for revenue plate based on business rules.</p>	Addendum 7

220	69	RFP Part III	5.1.2.1 Maintenance Requirements	<p>RE: The Contractor is responsible for Level III Maintenance Services but must coordinate any escalations not resolved by the Level 1 and Level II maintenance providers.</p> <p>What standards are the NCTA provided maintenance team held to? What recourse does the Contractor have if the maintenance team is insufficient in its ability to perform maintenance services to the level necessary or raise inappropriate tickets that should be solved by Level I or II personnel?</p>	<p>Per this 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 &amp; Form D-6 Requirements Conformance Matrix on the NCTA Connect Site.</p>	Addendum 06
221	85	RFP Part III	5.3 System Change and Release Management Process, # 543 & 544	<p>Requirements 543 and 544: With the requirement to integrate, which we assume is interface between our ITSM tool and NCTA's ITSM tool (Service Now), the additional requirement of allowing NCTA to install its own agent on the RTCS system is redundant and overly burdensome. If issues arise because of the agent, the Contractor's system could be impacted potentially causing revenue loss outside the control of the Contractor.</p> <p>Request removal of Requirement 544.</p>	<p>NCTA does not plan on installing agents on the contractors systems. NCTA ServiceNow system will interface via existing plugins and/or APIs.</p>	Addendum 06
222	85	RFP Part III	5.4 Maintenance Traffic Requirements	<p>Will the selected contractor be able to install their Toll Equipment on the Gantry after the Road Constructor has completed their work and while the roadway is closed to traffic and therefore MOT (Maintenance of traffic / Traffic Control) will not be needed during the System Integration Phase of each project/roadway?</p>	<p>Details to be provided in future task orders.</p>	Addendum 06
223	87	RFP Part III	6.1 General Performance Requirements, #552	<p>Requirement 552: Confirm failure of NCTA provided Level 1 or Level 2 staff to identify replenishment of necessary spare parts with appropriate lead times cannot be the fault of the Contractor.</p>	<p>Per this 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 &amp; Form D-6 Requirements Conformance Matrix on the NCTA Connect Site.</p>	Addendum 06

224	88	RFP Part III	6.1.1 Performance Measurement; Table 2	Table 2: RTCS Performance Requirements, PR15 Maintenance MOT Notification and Approval by NCTA: The Contractor has no maintenance obligations of Level I and II, therefore would not provide MOT during the Operations and Maintenance Phase of the contract. Please elaborate on MOT requirements of the Contractor during the Operations and Maintenance Phase of the contract.	This requirement shall be retained and enforced as applicable.	Addendum 7
225	89	RFP Part III	6.1.1 Performance Measurement; Table 2	Table 2: RTCS Performance Requirements, PR8 Image Capture and Transmission Accuracy: Should this PR also include rear images?  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 transfer images to a third-party system via an approved ICD.	Performance requirement updated in Addendum 06 to state: "Provide front and <u>rear</u> overview images and ROI for all transactions (AVI and Image-Based) to OBO 99.95% or more."	Addendum 8
226	89	RFP Part III	6.1.1 Performance Measurement; Table 2	Table 2: RTCS Performance Requirements, PR9 Image Transaction Accuracy: Please elaborate what NCTA views as "complete license plate information"	Reference requirement 578 under Image Transaction Accuracy for details on license plate information to be provided.	Addendum 7
227	89	RFP Part III	6.1.1 Performance Measurement; Table 2	Table 2: RTCS Performance Requirements, PR10 Classification Accuracy: Request clarifying PR to only be applicable to approved volumetric measurements provided by the sensors.	Refer to functional requirements. Classification system may vary by project type.	Addendum 7
228	89	RFP Part III	6.1.1 Performance Measurement; Table 2	Table 2: RTCS Performance Requirements, PR 12 Image Quality: Please define what are the allowed reasons images can be "rejected for reasons under the Contractor's control".	Refer to requirement 582 under Image Verification Services - Rejection Accuracy.	Addendum 7

229	100-101	RFP Part III	6.6 Maintenance Priorities, Response, and Repair Times, #582-590	Requirements 582-590: The Contractor is not responsible for monitoring the system, as NCTA is providing Level I monitoring, per the Terms within Part II, Page 3 of 11. What is the expectation of the Contractor to be held to Priority repair levels when we are made aware of the problem potentially hours after the initial detection and are not responsible for the repairs done by NCTA-provided Level I and II maintenance teams?	Per this 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.	Addendum 06
230	101	RFP Part III	6.6 Maintenance Priorities, Response and Repair Times, #587-590	Requirements 587-590: Confirm Contractor's clock starts upon acknowledgment of ticket raised by Level I or Level II NCTA-provided staff. Not when the original issue is detected and Level I and Level II are responsible for first lines of maintenance and repair.	Per this 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.	Addendum 06
231	5-Apr	Exhibit B – Payment Schedule		The way the payment milestones are structured in the RFP, a considerable portion/amount of the payments occur in the later part of the contract/project, even though there are substantial costs incurred by the contractor in purchasing materials, equipment installation, civil work and other up-front expenses incurred. Would NCTA please consider discussing the milestone payments during contract negotiations to achieve a payment schedule that more fairly compensates the contractor for purchased materials, civil work and other up-front expenses?	There are no considerations for updating the payment milestone schedule at this time.	Addendum 7
232	Form	Form D-7-Price Proposal	Various Tabs	Please clarify that Level II 7/24 System Monitoring is not required under this contract/RFP and that 7/24 System Monitoring will be done by others (contracted by NCTA through other service providers)?	Per this 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.	Addendum 06



233	Form	Form D-7-Price Proposal	Various Tabs	Where (under which item/tab) should bidders enter their costs for Lane/Zone Closures during the system Installation/integration/Testing Phase?	Do not include MOT costs in this phase of pricing. MOT will be priced for each task order, when specific conditions and geography of the project are known.	Addendum 7
234	Form	Form D-7-Price Proposal	Various Tabs	Under which Pay Item should bidders include the costs for " Roadside System Software"	Exhibit D-7 Price Proposal updated in Addendum 06. The question is no longer applicable.	Addendum 7
235	Form	Form D-7-Price Proposal	Various Tabs	Where should bidders enter the costs for the initial set of spare parts?	Exhibit D-7 Price Proposal updated in Addendum 06. Spare costs are applied in the Maintenance Backup sheets.	Addendum 7
236	Form	Form D-7-Price Proposal	Tab 2-1	In Tab 2-1 Please enter summary formulas and/or correct formulas in the following cells: <ul style="list-style-type: none"> <li>•D52 &amp; D53</li> <li>•D83 &amp; D84</li> </ul>	Exhibit D-7 Price Proposal updated in Addendum 06.	Addendum 7
237	Form	Form D-7-Price Proposal	Tab 2-3	In Tab 2-3 Please enter summary formulas and/or correct formulas in the following cells: <ul style="list-style-type: none"> <li>•D52 &amp; D53</li> <li>•D83 &amp; D84</li> </ul>	Exhibit D-7 Price Proposal updated in Addendum 06.	Addendum 7
238	Form	Form D-7-Price Proposal	Tab 3-1	In Tab 3-1 Please enter summary formulas and/or correct formulas in the following cells: <ul style="list-style-type: none"> <li>•F6</li> <li>•F20</li> <li>•E44, F44 &amp; G44</li> </ul>	Exhibit D-7 Price Proposal updated in Addendum 06.	Addendum 7
239	Form	Form D-7-Price Proposal	Tab 3-2	In Tab 3-2 Please enter summary formulas and/or correct formulas in the following cells: <ul style="list-style-type: none"> <li>•F6</li> <li>•F20</li> <li>•E55, F55 &amp; G55</li> </ul>	Exhibit D-7 Price Proposal updated in Addendum 06.	Addendum 7
240	Form	Form D-7-Price Proposal	Tab 4	In Tab 4 Please clarify the Unit of Measure Descriptions?	Unit is 1. These values are summary of 4-1.	Addendum 7
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.	Addendum 8

242	Form	Form D-7-Price Proposal	Tab 4-1	Under which Pay Item should bidders include the costs for "Program Management"	This pricing will be assessed in future Task Orders as a separate item using Additional Service Rates.	Addendum 7
243	Form	Form D-7-Price Proposal	Tabs 5-1 & 5-2	In tabs 5-1 & 5-1 bidders are asked to enter pricing for item's like MOT, Spares Replenishment, Occupancy, etc. Normally these types of costs would fall under the responsibility of the Level I maintenance support contractor. Please clarify if bidders are only responsible for Level III maintenance and therefore these items should not need to be priced/costed?	Maintenance scope of work has been revised in Addendum 6.	Addendum 7
244	Form	Form D-7-Price Proposal	Tabs 5-1 & 5-2	Should bidders include the costs for any Recurring SW Support Licenses/Agreements in their TRH Level III System Maintenance cost/pricing for if needed?	Yes. Per this Addendum 06, maintenance should include Level I, Level II, Level III.	Addendum 06
245	Form	Form D-7-Price Proposal	Tabs 5-1, 5-2, 6-1, 6-2 & 8	For Level III Maintenance services pricing sheets 5-1, 5-2, 6-1, 6-2 & 8 should the pricing be in "today's" \$'s (CY2023) for all 11-years? If "No", what is the starting year bidders should use for Maintenance Services (Start of year-1)?	All pricing should be based off Year 2023. Please reference Exhibit C, Section 1, #10.	Addendum 06
246	Form	Form D-7-Price Proposal	Tabs 6-1 & 6-2	In sheets 6-1 & 6-2 column 'E' annual labor escalation was loaded into the table, but is inconsistency across the years (3%, 4% or 0%). Can the authority please correct the formulas to be consistent across the years or should bidders enter their own escalation rates?	These fields are editable. Enter labor rates based on 2023 values for all fields and CPI adjustments will be made in future Task Orders.	Addendum 7
247	Form	Form D-7-Price Proposal	Tab 7-1	For Image Verification Services pricing sheet 7-1 should the pricing be in "today's" \$'s (CY2023) for all 5-years? If "No", what is the starting year bidders should use for Image Review Services (Start of year-1)?	Yes	Addendum 7
248	Form	Form D-7-Price Proposal	Tab 8	In Tab 8 of the pricing tables bidders are asked to enter the annual costs for the maintenance of various ITS devices (Cameras, etc.). Normally these types of maintenance costs would fall under the responsibility of the Level I maintenance support contractor. Please clarify what level of maintenance support do bidders need to provide for the ITS components (Level III remote SW/System maintenance only?)	ITS related items have been removed from the pricing sheets in Addendum 6 and will be addressed in future Task Orders.	Addendum 7

249	31	Part 4.1 – Submission of Technical Proposal	Submission of Technical Proposal	The Page Presentation for the Technical Proposal states “text shall be single-spaced a minimum of 12-point Times New Roman font.” Would the customer consider a smaller font (10 pt.) and a condensed font, such as Arial Narrow, for illustrations/graphics?	No	Addendum 7
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 <del>two</del> <u>times the value of the total value of each Task Order</u> awarded to the Contractor under the Contract.	Addendum 8
251	3	Part IV 3.7.14	Liquidated Damages, Paragraph 1	The RFP states that LD is \$5,000 per calendar day. Would the customer please consider capping the LD to 10% of the contract value for each task order?	No.	Addendum 7
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".	Addendum 8
253	37 of 212 (RFP)	Part I - Administrative	3.2 - Content of Technical Proposal	Table 1-5 requires that the proposer submit a "Preliminary Project Implementation Schedule", however, it is not clear as to what time constraints and/or schedule milestones the schedule needs to conform to. Assuming the proposer does not take exception to any requirements outlined in Part III Section 2.2.6, is a "Preliminary Project Implementation Schedule" necessary for inclusion in Section 7 of the Technical Proposal? Additionally, Table 1-5 references "Part I-3.2" for further information, however, no additional information is included regarding a guideline for a "Preliminary Project Implementation Schedule".	<del>Preliminary Schedules to be provided with future Task Order proposals.</del>  <b>Update:</b> <b><u>No schedules are expected with this proposal.</u></b>	Addendum 7  Updated in Addendum 9

254	32 of 212 (RFP)	Part I - Administrative	3.2 - Content of Technical Proposal	Question #12, within Question List E of Part 3.2, indicates proposers can propose any E-ZPass approved multiprotocol reader; however, question #13.a asks for experience only deploying the Kapsch Janus MPR II reader. If proposers propose another E-ZPass approved MPR, should proposers respond with their experience integrating that type of reader for Question 13.a?	Discuss experience in working with the Janus and any other E-ZPass approved multi-protocol reader and components.	Addendum 7
255	38 of 212 (RFP)	Part I - Administrative	4 - Submission of Proposal	Would the Authority please consider a 100% electronic submittal of the proposer's response package and not require a hard copy be delivered to the Authority in parallel?	No.	Addendum 7
256	43 of 212 (RFP)	Part I - Administrative	6 - Award & Execution of Contract	Would the Authority please expand on how it envisions the Task Order award process to be executed for future project Task Orders, assuming multiple vendors are selected?	Task Order will be issued to all selected vendors and the Best Value Proposer will be chosen.	Addendum 06
257	81 of 212 (RFP)	Part III - 4. Roadside Toll Collection System Project, Design, Testing and Implementation Documentation Requirements	2.6 - Master Test Plan	Does the Authority anticipate providing a FAT task order to the successful vendor(s) that would be a predecessor to the awarding of a formal Task Order for a new facility deployment? Additionally, and in order to avoid repetition with the FAT, would the Authority accept the single FAT throughout the term of presumed "Contract Term".	It is expected that the Contractor execute 1 FAT per system configuration. For each task order, the Contractor must assess the scope, their applicable solution and whether an initial or additional FAT is needed for the project.	Addendum 7
258	81 of 212 (RFP)	Part III - 4. Roadside Toll Collection System Project, Design, Testing and Implementation Documentation Requirements	2.6 - Master Test Plan	Would the Authority please define its use of the term "Baseline" when describing all of the required tests outlined in Requirements 78, 81, 82, 83, and 84? It is assumed that a single FAT could be "baselined" for the master agreement, to include RSS lane type testing as well as all TRH functionality, however, the OIT, SIT, OAT, and SAT logically may be required for each Task Order.	The baseline refers to the minimal use cases defined in Attachment 4.	Addendum 7

259	81 of 212 (RFP)	Part III - 4. Roadside Toll Collection System Project, Design, Testing and Implementation Documentation Requirements	2.6.1.1 - Interface Test Plan	Given the vendor will be required to conform data feeds from the RSS and/or TRH to common NCTA interfaces, will the Authority maintain a common test plan standard for each of its interfaces or will the vendor be required to develop their own test plans for NCTA common interfaces? Additionally, as future system interfaces may be required as part of the future OBO deployment, NCTA should consider providing interface test plans to the vendor originated by the interface system developer.	Tests plans will be a joint effort between NCTA, the RTCS vendor, and the OBO/CBOS vendor, as applicable.	Addendum 06
260	94 of 212 (RFP)	Part III - 4. Roadside Toll Collection System Project, Design, Testing and Implementation Documentation Requirements	2.10.4 Operational Back Office (OBO) Interface Requirements	Requirement 146 - What is the logical difference between a "transaction store" and the TRH that is described in Section 4.3.1?	There is no difference. Per this Addendum 06, "transaction store" has been replaced with "TRH" throughout the RFP.  Please reference the latest version of the RFP on the NCTA Connect Site.	Addendum 06
261	106 of 212 (RFP)	Part III - 4. Roadside Toll Collection System Project, Design, Testing and Implementation Documentation Requirements	3.1.5 - Wrong-Way Detection System	Would the Authority please provide additional details on the anticipated Wrong Way Vehicle Detection (WWVD) System specification? The preface paragraph in Section 3.1.5 mentions that "The current NCTA standard for WWDD is the can be found in Attachment 8: WWVD and Blank-Out Sign Systems.", however, Attachment 8 in the Attachment list is titled "NCTA Example Change Order".	Per this Addendum 06, the RFP language has been revised under Part III, <i>Section 3.1.5 Wrong-Way Vehicle Detection System</i> . In addition, a new <i>Section 3.1.6 Wrong Way Vehicle Detection and Notification</i> , under Part III, has been added.	Addendum 06

262	110 of 212 (RFP)	Part III - 4. Roadside Toll Collection System Project, Design, Testing and Implementation Documentation Requirements	4.2.2.1 - Automatic Vehicle Identification (AVI) System Integration	Requirement 284 - Would NCTA please clarify if they fully intend to procure the AVI system [i.e., RFID Reader(s) and Antenna(e)] or will the proposer be required to include pricing within its price proposal for an AVI system. As described in Section 1.2, the Authority states "The RSS shall be located at the tolling locations and shall include, but not be limited to, the following: (bullet 2) Automated Vehicle Identification (AVI) system provided by NCTA for integration by the Contractor;" , however Requirement 284 states "If specified in a specific Task Order, NCTA may elect to include the procurement, acquisition, installation testing and operations readiness of AVI system Equipment by the Contractor." which implies the proposer may procure the AVI system separately.	Details to be provided in future task orders, if applicable. No pricing to be provided.	Addendum 06
263	114 of 212 (RFP)	Part III - 4. Roadside Toll Collection System Project, Design, Testing and Implementation Documentation Requirements	4.2.2.9 - Transmitting Data	Requirement 322 - Would the Authority please provide clarification on the intent of this requirement in relation to a transaction "message" being "flagged for write-over"?	Transaction should be verified received before over-writing.	Addendum 06
264	116 of 212 (RFP)	Part III - 4. Roadside Toll Collection System Project, Design, Testing and Implementation Documentation Requirements	4.2.2.13 - Uninterruptible Power Supply (UPS)	Requirement 338 - Would the Authority please clarify who is providing the "transfer switch" and presumably a backup generator?	Details to be provided in future task orders, as applicable. Generator and associated automatic transfer switch are not in scope for pricing at this time.	Addendum 7

265	116 of 212 (RFP)	Part III - 4. Roadside Toll Collection System Project, Design, Testing and Implementation Documentation Requirements	4.3 - RSS Support Functional Requirements	General - Would the Authority please provide more information on the preferred hosting method (i.e., on-premise, co-location on-premise, cloud-based, etc.) it requires for the TRH? As noted in a previous question, Requirement 146 introduces the use of a "on-premises or cloud-based transaction store", however, no further detail is provided in section 4.3 related to this.	Vendor to present their best solution among options available.	Addendum 7
266	129 of 212 (RFP)	Part III - 4. Roadside Toll Collection System Project, Design, Testing and Implementation Documentation Requirements	4.3.3 - Image Verification Services	Would the authority please clarify if "Image Verification Services" would be required for all transactions (including AVI) or just image-based transactions?	Only Image Based transactions.	Addendum 7
267	128 of 212 (RFP)	Part III - 5. Maintenance Responsibilities and Services	General	There are multiple requirements in Section 5 that infer, as part of the LIII scope, the onsite troubleshooting of hardware (i.e., 469.i, 482, 483, etc.). Would the Authority please confirm that the intent is for the LI/LII contractor to provide all on-site troubleshooting labor and services for the RTCS?	Per this 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.	Addendum 06
268	129 of 212 (RFP)	Part III - 5. Maintenance Responsibilities and Services	General	In the event a physical environment for the TRH (i.e., servers, storage, network, etc.) is provided by the vendor and is located in a non-NCTA sponsored facility (e.g. co-location facility), would it be the vendors responsibility to provide LI/LII maintenance for the TRH hardware or would NCTA provide these services as outlined within Part II, Section 5 of the RFP?	It would be the vendor's responsibility.	Addendum 06
269	152 of 212 (RFP)	Part III - 6.1 General Performance Requirements	CBOS/OBO Performance Requirements	Does the Authority envision the "OBO or CBOS File Communications" performance requirements to change in the future once a web-based OBO/CBOS interface is fully implemented?	NCTA has no information on anticipated future changes at this time.	Addendum 7

270	173 of 212 (RFP)	Part IV - Contract Terms & Conditions	1.2 - Contract Term	Would the Authority please clarify the structure of the contract in terms of the overall length of the "master" contract term? It is unclear how the contract will be executed individually, assuming multiple vendor are awarded, while one vendor is issued a Task Order and the others are sitting idle.	Selected Contractors are eligible for implementation in first 5 years from Contract NTP. Ops and Maintenance term starts based on implementation award date and schedule.	Addendum 7
271	174 of 212 (RFP)	Part IV - Contract Terms & Conditions	1.3.1 - Liquidated Damages	Would the Authority please re-consider associating any liquidated damage assessment solely on the Go-Live milestone for a specific Task Order and not FAT and Go-Live? The requirements set forth in the SOW require the contractor to be flexible from a scheduling perspective. Ultimately, the most important milestone for each project will be the Go-Live date for the facility in relation to the task order, for which, has logic revenue impacts to NCTA associated with it, and not the completion of the Factory Acceptance Test.	FAT related Liquidated Damages will remain in the contract. The intent is to address project delays earlier to avoid more critical schedule issues downstream.	Addendum 06
272	175 of 212 (RFP)	Part IV - Contract Terms & Conditions	1.3.2 - Actual Damages	Would the authority please clarify if the vendor would be subject to the "Actual Damages" stipulations, outlined in Section 1.3.2 of Part IV in the RFP if the vendor met all performance requirements outlined in Section 6.2 of Part III in the RFP during any relevant period to which the Authority deemed the vendor was liable for "Actual Damages" to NCTA?	Yes, Actual Damages may be assessed for any event for which the Contractor is determined liable.	Addendum 7
273	175 of 212 (RFP)	Part IV - Contract Terms & Conditions	1.3.2 - Actual Damages	Would the Authority please consider removing Sections 6.3 and 6.4 in Part III of the RFP given the vendor is ultimately required to guarantee toll revenue to NCTA on a monthly basis after "Go-Live" has commenced? Alternatively, would the Authority please consider language that allows for the non-compliance performance invoice adjustments to be waived in the event that the vendor is required to pay actual and/or direct damages for a given month due to an event that may trigger monthly invoice deductions related to negative system performance as well?	No change to RFP.	Addendum 7



274	130 of 308 (Attachments)	Attachment 5	General	Are the embedded requirements on a majority of the wireframe reports intended to be actual functional requirements or simply examples from previous projects? Assuming they are to be included as functional requirements (presumably in	These are simply examples. Actual reports will be defined during design phase.	Addendum 06
275	Tab - 1 Project Summary	Exhibit D-7-Price Proposal	General - ITS Out of Pavement Detection Device	Would the Authority please provide further requirements related to the hardware/functionality specification and installation requirements for the "ITS Out of Pavement Vehicle Detection Device" (AET, Express Lanes, GP Lanes)?	Details to be provided in future task orders, as applicable. ITS items have been removed in the pricing sheets in Addendum 6.	Addendum 7
276	Tab - 1 Project Summary	Exhibit D-7-Price Proposal	General - ITS CCTV Devices	Would the Authority please provide further requirements related to the hardware/functionality specification and installation requirements for the "ITS Traffic CCTV Camera" (AET and Express Lanes)?	Details to be provided in future task orders, as applicable. ITS items have been removed in the pricing sheets in Addendum 6.	Addendum 7
277	Tab - 1 Project Summary	Exhibit D-7-Price Proposal	General - ITS DMS Signs	Would the Authority please provide further requirements related to the hardware/functionality specification and installation requirements for all of the DMS sign type combinations? Depending on the size of the sign as well as the overall functionality (i.e., full matrix sign vs small modules that mount to a static sign), this may create a wide range of pricing between vendors.	ITS pricing has been removed from the pricing sheets in Addendum 06. Pricing related to ITS material and effort, as applicable, will be addressed in future task orders.	Addendum 7
278	16 of 37	2	Schedule - Table I-2: Procurement Schedule	Please provide a 2-week extension for questions to NCTA	The procurement timeline will be assessed and adjusted as appropriate.	Addendum 7
279	26 of 37	2		Please provide 4-week extension for proposal submittal.	The procurement timeline will be assessed and adjusted as appropriate.	Addendum 7
280	15 of 104	2.4	Installation Drawings	Will NCTA have walkable gantries for this project and if so, will NCTA allow work over the road with live traffic?	Details to be provided in future task orders, as applicable. The current standard design is provided in Attachment 9 NCTA Standard Drawings in Addendum 6.	Addendum 7

281	5 of 37	1.4	General Overview of RTCS Scope of Work	What is the scope required to provide NCTA a wrong way detection system? Is this to be part of the RTCS or ITS?	See updated WWVD and alerting requirements in Sections 3.1.5 Wrong Way Vehicle Detection System and 3.1.6 Wrong Way Vehicle Detection and Notification provided as part of Addendum 06.	Addendum 7
282	31	4.1	Submission of Technical Proposal	The RFP requires Bidders to respond using 12-point Times New Roman font. May Bidders use a smaller, still legible font for exhibits/figures/graphics, and tables?	No.	Addendum 7
283	19	3.2 Content of Technical Proposal	Appendix 1: Audited Financial Statements (Two Years)	Given the length of our audited financial statements (more than 200 pages), can Bidders provide these documents in electronic format only?	No, provide 1 printed copy of the entire Technical Proposal.	Addendum 7
284	42 of 104	Part III, 3.1.4	Intelligent Transportation System	<p>Requirement 239 states</p> <p>“The Contractor shall be responsible for the integration of ITS to existing tools used by the Statewide Traffic Operations Center (STOC) and the Metrolina Regional Transportation Management Center (MRTMC).”</p> <p>The RFP does not contain a list of existing tools used by the STOC or MRTMC. In order to include pricing for this integration, please provide:</p> <p>a. a list of the tools the ITS components shall be integrated with</p> <p>b. what level of access will be provided by NCTA to allow vendors to integrate the ITS components with these tools</p>	ITS pricing has been removed from the pricing sheets in Addendum 06. ITS related pricing and associated details will be provided in future Task Orders.	Addendum 7
285	41 of 104	Part III., 3.1.3 Price sheet 2-1 Price sheet 2-3	Communications Backup AET RSS Cost Schedule Backup EXP RSS Cost Schedule	Requirement 223 states that the Contractor is responsible for all network Equipment/switching at the Toll Zone and is responsible for all elements of the Local Area Network (LAN). However, this does not address any ITS component locations.	ITS pricing has been removed from the pricing sheets in Addendum 06. ITS related pricing and associated details will be provided in future Task Orders.	Addendum 7

<p>286</p>	<p>41 of 104</p>	<p>Part III., 3.1.3 Price Sheet 2-2 Price Sheet 2-4</p>	<p>Communication Backup AET ITS Equipment Cost Schedule Backup EXP ITS Equipment Cost Schedule</p>	<p>Requirement 223 states that the Contractor is responsible for all network Equipment/switching at the Toll Zone and is responsible for all elements of the Local Area Network (LAN). However, this does not address any ITS component locations.</p> <p>Please clarify if each ITS component location will require a separate edge switch that will be provided by the Contractor?</p> <p>If multiple devices (eg a TRS camera and a Toll Rate Sign) are to be supported, please can the ITS Price Sheets be updated to include rows for communications equipment (eg edge switch) supporting multiple ITS devices?</p>	<p>ITS pricing has been removed from the pricing sheets in Addendum 06. ITS related pricing and associated details will be provided in future Task Orders.</p>	<p>Addendum 7</p>
<p>287</p>	<p>43 of 104</p>	<p>Part III., 4 Price Sheet 2-2 Price Sheet 2-4</p>	<p>RTCS (includes RSS and ITS) Functional Requirements Backup AET ITS Equipment Cost Schedule Backup EXP ITS Equipment Cost Schedule</p>	<p>Price sheets 2-2 and 2-4 require unit prices for a DMS (used for travel time messages) and notes 1 and 4 state that costs shall include all hardware, software and installation. Part III of the RFP contains no requirements for a DMS and could lead to vendors submitting pricing for different types and sizes of DMS (eg full color, 29'x12'x4' with walk-in access, or monochrome, 6'x12'x5' vs 10' with rear/front access).</p> <p>To ensure that all vendors are proposing a DMS to same requirements, please provide the requirements for the DMS that is to be priced.</p>	<p>ITS pricing has been removed from the pricing sheets in Addendum 06. ITS related pricing and associated details will be provided in future Task Orders.</p>	<p>Addendum 7</p>
<p>288</p>	<p>52 of 104</p>	<p>Part III., 4.2.2.13 Price Sheet 2-2 Price Sheet 2-4</p>	<p>Uninterruptible Power Supply (UPS) Backup AET ITS Equipment Cost Schedule Backup EXP ITS Equipment Cost Schedule</p>	<p>Requirement 337 identifies that all roadside Hardware and Equipment required to operate the RSS shall be on UPS.</p> <p>For pricing purposes please confirm whether the unit price for each ITS component should also include the price for a UPS to support that only device or whether there will be other devices to be supported by the UPS?</p> <p>If multiple devices are to be support, please can the ITS Price Sheets be updated to include rows for a UPS supporting multiple ITS devices?</p>	<p>ITS pricing has been removed from the pricing sheets in Addendum 06. ITS related pricing and associated details will be provided in future Task Orders.</p>	<p>Addendum 7</p>

289	52 of 104	Part III., 4.2.2.13	Uninterruptible Power Supply (UPS)	For AET and Express Lane toll zones please confirm that only toll collection equipment (eg AVI, AVDC, ICPS, Network, ACMS, CEMS, etc), If non toll collection is expected to be supported by the UPS, please confirm what these items will be.	Only include UPS pricing for Toll Equipment for purpose of this proposal.	Addendum 7
290	52 of 104	Part III., 4.2.2.13	Uninterruptible Power Supply (UPS)	Requirement 339 identifies that the UPS at each tolling location shall support the RTCS on battery for a minimum of 2 hours.  Will the UPS at ITS locations also be required to support the ITS equipment on battery for a minimum of 2 hours?	ITS pricing has been removed from the pricing sheets in Addendum 06. ITS related pricing and associated details will be provided in future Task Orders.	Addendum 7
291	64 of 104	Part III., 4.3.2.2 Price Sheet 2-2 Price Sheet 2-4	Toll Rate Sign (TRS) Backup AET ITS Equipment Cost Schedule Backup EXP ITS Equipment Cost Schedule	Price sheets 2-2 and 2-4 require unit prices for a Toll Rate Sign. Notes 1 and 4 state that costs shall include all hardware, software and installation. The RFP identifies a camera is required to monitor the Toll Rate Sign but the only functional requirements for the Toll Rate Sign is 436 that states the TRS modules/signs are full matrix and shall be integrated with the RTCS.  To ensure that all vendors are proposing a TRS to same requirements, please provide the requirements (eg cabinet dimensions, number of lines, number of characters per line, character height, color capability, etc) for the TRS that is to be priced.	ITS pricing has been removed from the pricing sheets in Addendum 06. ITS related pricing and associated details will be provided in future Task Orders.	Addendum 7
292	64 of 104	Part III., 4.3.2.2 Price Sheet 2-2 Price Sheet 2-4	Toll Rate Sign (TRS) Backup AET ITS Equipment Cost Schedule Backup EXP ITS Equipment Cost Schedule	Please confirm that unit price for a Toll Rate Sign shall include the price for a PTZ camera (requirement #444) to monitor the Toll Rate sign.	ITS pricing has been removed from the pricing sheets in Addendum 06. ITS related pricing and associated details will be provided in future Task Orders.	Addendum 7

<p>293</p>	<p>66 of 104</p>	<p>Part III, 5 Part III, 5.2.1 Price Sheet 8</p>	<p>Maintenance Responsibilities Intelligent Transportation System (ITS) Maintenance ITS Maintenance Cost Schedule</p>	<p>The referenced RFP sections state:  Section 5: "Level III Maintenance means corrective and preventative maintenance for all patch management, Software changes and major changes to the system functionality. Level III Maintenance also includes 24/7 remote support for Level 1 and II maintenance staff provided by others."  Section 5.2.1: "ITS maintenance shall include Level III Maintenance Services for maintenance of TRS, DMS, MVD and network Equipment"  However, Price Sheet 8 requires per mile pricing for Fiber Optic Cabling and Conduit. This is inconsistent with the descriptions to provide maintenance of the network equipment and remote support to Level I and Level II maintenance staff. In addition, Part III contains no requirements for any Fiber optic cabling and conduit.  To ensure that all vendors are proposing the same scope for Level III ITS maintenance please clarify whether Sheet 8 covers Fiber Optic Cabling and Conduit maintenance or if this should be networking equipment maintenance.  If this refers to Fiber optic cabling and conduit</p>	<p>Per this 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 &amp; Form D-6 Requirements Conformance Matrix on the NCTA Connect Site.</p>	<p>Addendum 06</p>
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<p>294</p>	<p>2 of 104</p>	<p>Part III, 1.2 Price Sheet 2-1 Price Sheet 2-3 Price Sheet 3-1 Price Sheet 3-2</p>	<p>Summary of Scope of Work Backup AET RSS Cost Schedule Backup EXP RSS Cost Schedule Backup AET TRH Cost Schedule Backup EXP TRH Cost Schedule</p>	<p>The RFP identifies the RSS includes an Access Control and Security Monitoring System (ACSMS). This is also references in the price sheets for each toll zone and at the TRH.</p> <p>However, there are no requirements for the ACMS included in the RFP. To ensure that all bidders are pricing similar systems, please provide the requirements for the ACMS components (eg card reader uses magnetic strip or RFID proximity tech, card reader unlocks the cabinet door, cards are integrated with the TRH and assigned to users registered with the TRH, camera monitors each access point to the toll zone cabinet, etc shall cover the ?, etc)</p>	<p>Per this Addendum 06, ACSMS requirements have been added to the RFP. Please reference Part III, Section 4.3.1.2 Access Control &amp; Security Monitoring System (ACSMS). Pricing at this time is only inclusive of post-level software/hardware for this functionality. Site-level hardware such as card readers and locks will be priced in future task orders.</p> <p><b><u>Update:</u></b> <b><u>"post-level" is a typo and intended to state "host-level", meaning TRH. Include pricing for any Hardware (such as a control server) and software needed at the TRH to support ACSMS functionality, as applicable.</u></b></p>	<p>Addendum 06  Updated in Addendum 9</p>
<p>295</p>		<p>Price Sheet 2-1 Price Sheet 2-3</p>	<p>Backup AET RSS Cost Schedule Backup EXP RSS Cost Schedule</p>	<p>The Price sheets include unit prices for a Card Encoder and Cards at each Toll Zone. Therefore, a 10 zone AET or EXP system would include 10 Card Encoder and 10 times the number of cards.</p> <p>Please clarify if a single card encoder should be provided for a AET system?</p> <p>If yes, please provide new rows on the TRH price sheets (3-1 and 3-2) for a centralized card encoder and cards.</p>	<p>Cards and Card encoders removed from Pricing Sheets in Addendum 06. Pricing for these items will be addressed in future Task Orders.</p>	<p>Addendum 7</p>

<p>296</p>	<p>31 of 104</p>	<p>Part III, 2.10.3 Price Sheet 2-1</p>	<p>RSS Installation Requirements Backup AET RSS Cost Schedule</p>	<p>Bullet "u" of Requirement 144 identifies that the RSS shall include a Transaction Status Indicator HOV beacon for Express Lanes.</p> <p>However, Price sheets 2-1 (Backup AET RSS) includes a beacon in the item 3, Equipment Cabinets/Enclosures and Racks.</p> <p>Please confirm that requirement 144 is applicable to AET toll zones or if Price Sheet 2-1 is to be updated to remove beacons.</p>	<p>Exhibit D-7 Price Proposal updated in Addendum 06.</p>	<p>Addendum 7</p>
<p>297</p>	<p>31 of 104</p>	<p>Part III, 2.10.3</p>	<p>RSS Installation Requirements</p>	<p>Bullet "u" of Requirement 144 identifies that the RSS shall include a Transaction Status Indicator HOV beacon for Express Lanes.</p> <p>However, there are no functional requirements for the beacon in section 4 RTCS (includes RSS and ITS) Functional Requirements,</p> <p>To ensure that all bidders are proposing similar items, please provide the requirements for the beacons.</p>	<p>The requirement is limited to integrating with beacon. The enforcement [beacon] procurement is outside the scope of work.</p>	<p>Addendum 06</p>

298	47 of 104	Part III, 4.2.2.1 Item 288	AVDC System	<p>Requirement 288 states to infer vehicle axle count and determine vehicle length, height and 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>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.</p> <p>Revision: (290) "The AVDC system shall <del>infer-determine</del> the vehicle axle count as well as <del>determine</del> vehicle length, height and width <b>to</b> 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 &amp; Processing System (ICPS). <del>The vehicle</del></p>	Addendum 8
299	48 of 104	Part III, 4.2.2.2 Item 289	AVDC System	<p>Requirement 289 identifies LOV and HOV classification based on vehicle dimensions not larger than L:22' W:8.5' H:12".</p> <p>Please clarify if the LOV and HOV height classification should be 12 inches or feet.</p>	Updated to state "12" in Addendum 08.	Addendum 8
300	48 of 104	Part III, 4.2.2.1 Item 289	AVDC System	Requirement 289 includes occupancy count as part of the classification structure. Please clarify if the RTCS is required to verify occupancy count or is this performed within the AVI subsystem or an occupancy detection system that will be procured in the future.	System shall be capable of processing occupancy information from either the transponder or an external occupancy detection system provided under a separate Contract.	Addendum 7



<p>301</p>	<p>88 of 104</p>	<p>Part III, Table 2</p>	<p>RTCS Performance Requirements</p>	<p>The Vehicle Detection performance requirement states an accuracy of 99.99%.</p> <p>This is higher than the performance levels required in the previous NCTA I-485 RFP which was 99.90%. It is also higher than industry standards of 99.9% that were included in recent toll system RFPs (eg WSDOT Tacoma Narrows Bridge, BATA ORT Conversion).</p> <p>Would NCTA consider reducing this requirement to the industry standard of 99.9%?</p>	<p>NCTA agrees to update to 99.9%. As part of this Addendum 6, this requirement has been updated in the RFP.</p>	<p>Addendum 06</p>
<p>302</p>	<p>88 of 104</p>	<p>Part III, 4.2.1 Part III, 6.1.1 Table 2</p>	<p>General RSS Functional Requirements RTCS Performance Requirements</p>	<p>The Image Capture and Transmission Accuracy (#8) states: "Provide front and overview images and ROI for all transactions (AVI and Image-Based) to OBO 99.95% or more.</p> <p>Requirement 250 states: "The RSS shall capture at least one front and one rear unique color image of the vehicle and its license plate(s) for every vehicle that passes through a toll lane or Toll Zone."</p> <p>Please clarify if the performance requirements should state front and rear images for all transactions.</p>	<p>Image Capture and Transmission Accuracy updated in Addendum 06 to state: "Provide front and <u>rear</u> overview images and ROI for all transactions (AVI and Image-Based) to OBO 99.95% or more."</p>	<p>Addendum 7</p>
<p>303</p>	<p>44 of 104</p>	<p>Part IV, 4.2.1</p>	<p>General RSS Functional Requirements Conformance Matrix</p>	<p>Requirement 250 states "The RSS shall capture at least one front and one rear unique color image of the vehicle and its license plate(s) for every vehicle that passes through a toll lane or Toll Zone."</p> <p>Requirement 277 states "The RTCS shall capture at least one rear unique color image of the vehicle and its license plates for every vehicle that passes through a toll lane or Toll Zone."</p> <p>Please confirm if the RSS requires capturing color images of the front and rear or only the rear?</p>	<p>NCTA could not find the language identified in this question as part of requirement 277 within the RFP.</p>	<p>Addendum 7</p>

304	Forms	Form D-7 Price Proposal	Sheet 2-1 Backup AET Roadside	Cell A59 and A90 list a rear camera only and not a front camera. Please clarify or update where front cameras should be accounted for.	Exhibit D-7 Price Proposal updated in Addendum 06.	Addendum 7
305	Forms	Form D-7 Price Proposal	Sheet 2-3 Backup EXP Roadside	Cell A59 and A90 list a rear camera only and not a front camera. Please clarify or update where front cameras should be accounted for.	Exhibit D-7 Price Proposal updated in Addendum 06.	Addendum 7
306	2	1.2	Summary of Scope of Work	Please provide requirements for the Access Control and Security Monitoring System (ACSMS).	The ACSMS portion has been removed from the pricing sheets as part of this Addendum 6. Any such requirements, if applicable, will be included in future task orders.	Addendum 06
307	Forms	Form D-7 Price Proposal	All data entry sheets	Please can NCTA add extra rows in each subsection to enable vendors to add costs for items not listed in each subsection?	Exhibit D-7 Price Proposal updated in Addendum 06.	Addendum 7
308	Forms	Form D-7 Price Proposal	Sheet 9 Additional Resources	Excel row 59 contains the following statement. "Note 1: CPI adjustments will be made to the Cost based on actual CPI change for the previous year as further described in the Price Proposal Instructions."  Where can the Price Proposal Instructions be found?  Please provide an example of the CPI calculation including base year and what Federal Index will be used.	Please refer to Exhibit C for Price Proposal Instructions.  The CPI calculation will be determined for each Task Order.	Addendum 7
309	Forms	Form D-7 Price Proposal	Various Implementation Related Sheets	Where should Contractors list certain Implementation costs that are not directly related to either the AET or Express lanes and are not dependent upon the number of lanes/zones (example: Project Manager, travel, temporary warehouse, etc.)? It is suggested that another row be added to Sheet 4-1 for Administrative costs.	No additional cost sheets will be provided. The Contractor shall include all required costs as outlined in this Proposal to meet the Requirements.	Addendum 06

<p>310</p>	<p>Forms</p>	<p>Form D-7 Price Proposal</p>	<p>Various Maintenance Related Sheets</p>	<p>Maintenance costs may not be directly related to either the AET or Express lanes and are not dependent upon the number of lanes/zones (example: Maintenance Manager, travel, permanent warehouse, etc.)</p> <p>Maintenance costs may not be directly related to either the AET or Express lanes and are not dependent upon the number of lanes/zones (example: Maintenance Manager, travel, permanent warehouse, etc.)</p> <p>Where should Contractors list certain Maintenance costs that are not? It is suggested that another column be added to Sheets 5-1 and 5-2 for Administrative costs.</p>	<p><del>No additional cost sheets will be provided. The Contractor shall include all required costs as outlined in this Proposal to meet the Requirements.</del></p> <p><b>Update:</b> <u>Overhead costs will be assessed in future Task Orders as these costs may vary based on the location and duration of the project. State any assumptions of what is and is not included in the pricing provided in Section 6 of the proposal.</u></p>	<p>Addendum 06</p> <p>Updated in Addendum 9</p>
<p>311</p>	<p>Forms</p>	<p>Form D-7 Price Proposal</p>	<p>Sheet 5-1 Backup AETM</p>	<p>For each maintenance year, there is a row described as "Materials, Tools and Occupancy". The costs associated with Tools and Occupancy of a warehouse are not driven by either a toll zone, travel lane or shoulder. It is suggested that another column be added for these general costs.</p>	<p><del>No additional cost sheets will be provided. The Contractor shall include all required costs as outlined in this Proposal to meet the Requirements.</del></p> <p><b>Update:</b> <u>Overhead costs will be assessed in future Task Orders as these costs may vary based on the location and duration of the project. State any assumptions of what is and is not included in the pricing provided in Section 6 of the proposal.</u></p>	<p>Addendum 06</p> <p>Updated in Addendum 9</p>

<p>312</p>	<p>Forms</p>	<p>Form D-7 Price Proposal</p>	<p>Sheet 5-2 Backup EXPM</p>	<p>For each maintenance year, there is a row described as "Materials, Tools and Occupancy". The costs associated with Tools and Occupancy of a warehouse are not driven by either a toll zone, travel lane or shoulder. It is suggested that another column be added for these general costs.</p>	<p><del>No additional cost sheets will be provided. The Contractor shall include all required costs as outlined in this Proposal to meet the Requirements.</del></p> <p><b>Update:</b> <u>Overhead costs will be assessed in future Task Orders as these costs may vary based on the location and duration of the project. State any assumptions of what is and is not included in the pricing provided in Section 6 of the proposal.</u></p>	<p>Addendum 06 Updated in Addendum 9</p>
<p>313</p>	<p>Forms</p>	<p>Form D-7 Price Proposal</p>	<p>Sheet 5-1 Backup AETM</p>	<p>There is row for each maintenance year described as "Maintenance Payment of Performance Bond (X%)".  What is meant by X%?</p>	<p>Line item has been removed as part of Addendum 08. Maintenance Bond Costs will be provided in each Project.</p>	<p>Addendum 8</p>
<p>314</p>	<p>Forms</p>	<p>Form D-7 Price Proposal</p>		<p>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.).  Please provide a calculation example or identify a place on the sheets to separately enter bonds costs that would include all O&amp;M pricing.</p>	<p>Line item has been removed as part of Addendum 08. Maintenance Bond Costs will be provided in each Project.</p>	<p>Addendum 8</p>

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.	Addendum 8
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.).  Please provide a calculation example or identify a place on the sheets to separately enter bonds costs that would include all O&M pricing.	Line item has been removed as part of Addendum 08. Maintenance Bond Costs will be provided in each Project.	Addendum 8
317	Forms	Form D-7 Price Proposal	Sheet 7-1 Image Verification Services	For the unit price requested for Image Verification Services (column C), is this a blended rate (OCR/LPR and manual review) or just manual review?	This is a blended rate to provide verified image toll transactions using manual and automated reviews for each Vehicle.	Addendum 7
318	General	General	General	Will NCTA provide toll-free transponders to the Contractor for use during the Implementation and Maintenance periods?	No, the Contractor will be responsible for transponder costs and toll fares as applicable.	Addendum 7
319	16 of 37	Part 1 – Administrative	Table 1-2: Procurement Schedule	The Notice to Proceed / Award of Contracts states " XI 2023". Please clarify the month in 2023.	Updated in Addendum 06	Addendum 7
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.	Addendum 8

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.	Addendum 8
322	92 of 104	Part III, Scope of Work and Requirements	5.1.9 Spare Parts Storage	Requirement 499 identifies NCTA provides warehouse space for spares. What will the square footage be of NCTA storage space? Will the contractor have 24/7 access?	No information is available on square footage at this time. The Contractor will be provided 24/7 access. Additional details will be provided in future task order.	Addendum 06
323	101 of 104	Part III, Scope of Work and Requirements	5.4 Maintenance of traffic	The Contractor is responsible for Level III Maintenance which, in section 5, is defined as: "corrective and preventative maintenance for all patch management, Software changes and major changes to the system functionality. Level III Maintenance also includes 24/7 remote support for Level 1 and II maintenance staff provided by others." Since this scope does not appear to include roadway closures, under what scenarios will the contractor be required to provide MOT? If there are no scenarios for Level III maintenance, please remove the MOT lines from the price sheets (5-1 and 5-2).	MOT pricing has been removed from the RFP and will be included, as applicable in future Task Orders.	Addendum 7
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.	Addendum 8
325	23 of 104	Part III, Scope of Work and Requirements	2.7 Training Program and Plan	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 This will require sharing proprietary information. Will the NCTA or its Level I/Level II supplier sign NDA's?	Yes.	Addendum 7

326	38 of 40	Part IV, Terms and Conditions	Section 3.7.25 Taxes	<p>The section states, "Agencies of the State may have additional exemptions or exclusions for Federal or State taxes."</p> <p>Is NCTA exempt from State of North Carolina Sales Tax?</p> <p>If so, will NCTA provide a Sales Tax Exempt Certificate to the Contractor such that they can purchase equipment sales tax exempt for equipment that will eventually be owned by NCTA?</p>	No, NCTA Contractors are not exempt from North Carolina Sales Tax.	Addendum 7
327	Forms	D-12 Bid Bond	Form D-12 Bid Bond	<p>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.</p> <p>Which amount on the Price Forms should Contractors use to determine the five (5) percent value of the bid bond?</p>	Please refer to response in Question #74.	Addendum 8
328	30 of 104	Part III, Requirement 144	RSS Installation Requirements	<p>The requirement states under part b) that pull boxes and conduits are the Contractor's responsibility to furnish and install. In Part I, page 2 of 37, the Toll Facility Infrastructure lists conduit as the Constructor or Concessionaire's responsibility. In Part III, page 3 of 104, it states the RTCS scope does not include providing any conduits.</p> <p>The requirement also states under part c) that the Constructor shall install conduit from the toll equipment pads to the foundation of overhead structures/toll gantries.</p> <p>Please confirm who is responsible to furnish and install all underground conduit, pull boxes and/or stub-ups. Please confirm if the Constructor will install all conduit running from the toll equipment pad/cabinet to any in-ground pull boxes.</p>	The Contractor shall assume that the Conduit will be provided to the toll equipment pad as shown in the AET Standard Drawings	Addendum 7

329	Forms	Form D-7 Price Proposal	Sheet 2-1 Backup AET Roadside Sheet 2-3 Backup EXP Roadside	<p>Cell A44 and A75 lists a Reader Module quantity per travel lane and per instrumented shoulder. Since the Kapsch MPR2 AVI reader is a requirement to be used and a single MPR2 reader is capable of covering multiple lanes and/or shoulders at a time, please clarify how the proposer should price this reader on a per lane/instrumented shoulder basis.</p> <p>Cell A44 and A75 lists a Reader Module quantity per travel lane and per instrumented shoulder. Since the Kapsch MPR2 AVI reader is a requirement to be used and a single MPR2 reader is capable of covering multiple lanes and/or shoulders at a time, please clarify how the proposer should price this reader on a per lane/instrumented shoulder basis.</p>	Exhibit D-7 Price Proposal updated in Addendum 06.	Addendum 7
330	Forms	Form D-7 Price Proposal	Sheet 2-1 Backup AET Roadside & Sheet 2-3 Backup EXP Roadside	<p>The price proposal lists the in-lane equipment separated by travel lane and instrumented shoulder including the AVI, AVDC and ICPS. If the in-lane equipment or sensor being proposed for the RTCS provides coverage of more than one travel lane or instrumented shoulder, how should these devices be included in the pricing? For example, the AVI antennas may be installed on a lane stripe between lanes or a lane/instrumented shoulder. This antenna would therefore provide coverage of multiple lanes.</p>	Exhibit D-7 Price Proposal updated in Addendum 06.	Addendum 7
331	2 of 37	Part I, Table 1-1	Project Responsibility Matrix	<p>The Toll Facility Infrastructure lists Vaults as the Constructor or Concessionaire's responsibility. Please clarify if vaults or toll equipment buildings will be utilized for any AET Toll Zones. If toll equipment buildings may be utilized please clarify if the Contractor is to provide the HVAC units and include in the pricing.</p>	This will be determined for each Project. Assume HVAC units are provided by others for this pricing.	Addendum 7
332	2 of 37	Part I, Table 1-1	Project Responsibility Matrix	<p>The Toll Facility Infrastructure lists generators as the Constructor or Concessionaire's responsibility. The pricing sheets list portable generators are to be priced. Please clarify who is providing any generator or portable generators. Please provide generator or portable generator requirements.</p>	This will be determined for each Project. Assume generators are provided by others for this pricing.	Addendum 7



<p>333</p>			<p>Monitoring and System Administration Services</p>	<p>The Contractor is responsible for Level III Maintenance which, in section 5, is defined as:                  “corrective and preventative maintenance for all patch management, Software changes and major changes to the system functionality. Level III Maintenance also includes 24/7 remote support for Level 1 and II maintenance staff provided by others.”                  Further, Level II maintenance work is defined as:                  “Level II Maintenance means corrective and preventative maintenance that requires minor Software configuration, Equipment configuration, planned shutdown and minor preventative actions including analysis of log files to ensure that the systems operate in accordance with the Performance Requirements.”                  System administration and monitoring activities typically involved minor software configuration changes, planned shutdown and preventive actions.                  a. Please confirm that requirements covering level II activities that are listed as “required by the Contractor” will instead be performed by the Level II maintenance provider.                  If yes, please confirm that vendors should use the same understanding for other requirements in section 5.</p>	<p>Per this 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 &amp; Form D-6 Requirements Conformance Matrix on the NCTA Connect Site.</p>	<p>Addendum 06</p>
<p>334</p>		<p>Exhibit C</p>	<p>Price Proposal</p>	<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 <a href="https://connect.ncdot.gov/business/Turnpike/Pages/default.aspx">https://connect.ncdot.gov/business/Turnpike/Pages/default.aspx</a>."                  Will the Authority please post the native Excel pricing sheets? No sheets are currently visible on <a href="https://connect.ncdot.gov">Connect.ncdot.gov</a>.</p>	<p>Exhibit D-7 Price Proposal updated in Addendum 06.</p>	<p>Addendum 7</p>

335		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&amp;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 timeline is assessed and adjusted by NCTA as applicable.</p>	Addendum 7
336	105	3.1.5	Wrong-Way Vehicle Detection System	<p><i>If Deployed, the Contractor shall integrate Wrong-Way Vehicle Detection Systems with its RTCS. The current NCTA standard for WWDD is the can be found in Attachment 8: WWVD and Blank-Out Sign Systems.</i></p> <p><i>Please provide the WWVD and Blank-Out Sign System Attachment. Attachment 8 in the proposal document is not this document.</i></p>	<p>Introduction to section 3.1.5 Wrong-Way Vehicle Detection System revised in Addendum 06 to state: "If Deployed, the Contractor shall integrate Wrong-Way Vehicle Detection Systems with its RTCS. The current NCTA standard for WWDD can be found in <b><u>Attachment 10: ITS Standard Drawings.</u></b>". No pricing for integration of an external WWVD System is expected at this time. The proposers do need to consider the new requirements for WWVD and alerting functions to be provided as part of the RTCS within their design and pricing.</p>	Addendum 7

337	105	3.1.5	Wrong-Way Vehicle Detection System	<p><i>If Deployed, the Contractor shall integrate Wrong-Way Vehicle Detection Systems with its RTCS. The current NCTA standard for WWDD is the can be found in Attachment 8: WWVD and Blank-Out Sign Systems.</i></p> <p><i>Is the WWVD an NCTA provided system and the Contractor RTCS is just required to interface? Or are we being requested to include pricing for a WWVD System and if so, please indicate where to include in the Pricing Sheets.</i></p>	<p>Introduction to section 3.1.5 Wrong-Way Vehicle Detection System revised in Addendum 06 to state: "If Deployed, the Contractor shall integrate Wrong-Way Vehicle Detection Systems with its RTCS. The current NCTA standard for WWDD can be found in <b><u>Attachment 10: ITS Standard Drawings.</u></b>". No pricing for integration of an external WWVD System is expected at this time. The proposers do need to consider the new requirements for WWVD and alerting functions to be provided as part of the RTCS within their design and pricing.</p>	Addendum 7
338	Part III, Page 88 of 104	6	AVI Transaction Complete and Timely Transmission to CBOS or OBO.	<p><i>Within 4 hours of the transaction date/time for 99.995% of the transactions.</i></p> <p><i>Some systems utilize image review for AVI transaction processing and select Express Lanes may utilize trip building. Does this KPI exclude trip building and image review?</i></p>	<p>No.</p> <p>There is currently no trip building on any NCTA toll system projects.</p>	Addendum 7
339	Part III, Page 88 of 104	6	Image Transaction Complete and Timely Transmission to OBO if image verification services are provided by the Contractor.	<p><i>Within 120 hours of the transaction date/time for 99.995% of the transactions.</i></p> <p><i>Does this include only those transactions that are eligible to be posted?</i></p>	<p>No. this is for all toll transactions.</p>	Addendum 7
340	96	2.10.7	Attachment 3: I-5507 Constructor Plans & Requirements.	<p>Will the Authority please instruct to where can we find this attachment?</p>	<p>Requirements related to MOT have been revised in Addendum 06. The attachment referenced in this comment is no longer relevant.</p>	Addendum 7

341		SOW/RCM	Req 185	<p><i>Req 185 Contractor participation in the design and installation of infrastructure of the roadway. Does NCTA foresee this process to be iterative and in person or will they be formal and paper-based?</i></p>	<p>NCTA anticipates Contractor participation in meetings. NCTA also anticipates this to include a RFI Process.</p>	Addendum 7
342		SOW/RCM	Req 155	<p><i>Req 155 Electrical work to be performed under this Contract shall include, but not be limited to the following general items of work: c) Bond all conduits, manhole frames, and other conductive items to the grounding system in conformance with the NEC.</i></p> <p><i>Items with manhole frames are within the scope of the Constructor Could item c) be changed to "Bond all conduits, manhole frames, and other conductive items to the grounding system in conformance with the NEC."</i></p>	No change.	Addendum 7
343		SOW/RCM	186	<p><i>The Contractor shall meet all electrical codes, traffic control, seismic considerations, calibration, configuration, and environmental requirements of and including but not limited to:</i></p> <p><i>Items subject to seismic considerations are the gantry structures themselves and designer modeling should cover the structure and protuberances. Request requirement change to state "The Contractor shall meet all electrical codes, traffic control, seismic considerations, calibration, configuration, and environmental requirements of and including but not limited to:"</i></p>	No change.	Addendum 7

<p>344</p>		<p>SOW/RCM</p>	<p>211</p>	<p><i>Upon approval of shop drawings or similar design elements by the Contractor, within the context of system function and performance, the Contractor shall assume responsibility for those elements to the extent that if the civil work is installed as designed and does not meet the Performance Requirements of this SOW and Requirements, the Contractor shall be responsible for the costs of redesign, civil rework, and additional Equipment costs as further set forth in the Contract .</i></p> <p><i>Request a change to the requirement : "Upon approval of shop drawings or similar design elements by the Contractor, within the context of system function and performance, the Contractor shall assume responsibility for those elements to the extent that if the civil work is installed as designed and does not meet the Performance Requirements of this SOW and Requirements, the Contractor shall be responsible for the costs of redesign, civil rework, and additional Equipment costs as further set forth in the Contract. The Contractor shall not be held responsible for failures caused by factors outside of their control." One example would be roadbed shifting, everything would have performed had not the infrastructure failed.</i></p>	<p>No change.</p>	<p>Addendum 7</p>
<p>345</p>		<p>SOW/RCM</p>	<p>215</p>	<p><i>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 .</i></p> <p><i>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.</i></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 <b>Contractor approved</b> 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>Addendum 8</p>

<p>346</p>		<p>SOW/RCM</p>	<p>216</p>	<p><i>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.</i></p> <p><i>The Constructor will provide the details regarding the equipment to be mounted on the gantry as stated. Can the Constructor assume all wind loads, seismic calculations and modeling will be performed by the gantry designer?</i></p>	<p>This will be determined for each Task Order. Assume this work will be completed by others for this pricing.</p>	<p>Addendum 7</p>
<p>347</p>		<p>SOW/RCM</p>	<p>220</p>	<p><i>The Contractor shall review and comment on all aspects of toll Equipment pad design drawings, power specifications, electrical and cabling design, circuit breaker and switches, and grounding design submitted by the Constructor that are related to the RSS Equipment, when applicable.</i></p> <p><i>Could the information regarding conduit sizes, numbers and schedule please be included for review?</i></p>	<p>Attachment 9 - NCTA Standard Drawings has been provided as part of Addendum 06 for reference. Designs may vary in future projects.</p>	<p>Addendum 7</p>

348		SOW/RCM	223	<p><i>The Constructor will provide, terminate, and test the fiber connections from Toll Zone to Toll Zone. The Contractor is responsible for all network 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.</i></p> <p><i>Can we expect Constructor testing with both an OTDR and an OLTS or "Tier 2" testing within TIA standards and "extended" testing within ISO standards and the receipt of the test report?</i></p>	This will be determined for each Task Order.	Addendum 7
349	4	Exhibit B	Payment Schedule	<p><i>Payment Schedule A &amp; B milestones and related % paid</i></p> <p><i>The Payment Schedules A&amp;B related milestones and paid percentages will result in large negative cash-flow for the Contractor during the Implementation Phase. The percentages should be increased for Payment Numbers A-1 through A-7j (Schedule A) and equipment and parts (Schedule B) should be paid for as received. Will NCTA modify these schedules, allow submittal of proposed schedules with response, or make this a negotiable item upon award selection.</i></p>	No change will be made at this time.	Addendum 7
350	9	Exhibit C	Price Proposal Instructions	<p><i>General Instruction #9 and #10 describe no price escalation allowed above costs provided in the Price Proposal Sheet and pricing should be entered in 2023-dollar values.</i></p> <p><i>With a stated 5 year contract we assume NCTA may issue an NTP in year 3 (2026) for a selected project. What mechanism enables the Contractor to escalate the 2023 provided price for actual 2026 pricing now required (i.e. how does pricing account for escalation for NTP/award in subsequent years)?</i></p>	The price for work will be discussed for each Task Order.	Addendum 7

351	12	1.4	General Overview of Scope	<p><i>It is NCTA's intent to procure the Level 1 Maintenance Services through a separate RFP advertisement.</i></p> <p><i>This statement conflicts with Section 5 statements that NCTA will perform or contract to other Level I and Level II - that Level III shall be provided by the Contractor. Please clarify which Levels of support are requested for the pricing sheets. Level II and III or Level III only?</i></p>	<p>Per this 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 &amp; Form D-6 Requirements Conformance Matrix on the NCTA Connect Site.</p>	Addendum 06
352	138	5.1.7.1	Preventive Maintenance	<p><i>Requirements 482 and 483 describe onsite inspections and performance of preventive maintenance tasks.</i></p> <p><i>This may be our confusion related to the Level I, II and III maintenance as described, but can you please clarify if Level III support also includes onsite execution of the Preventive Maintenance activities (PM's). Specifically, is the intent of Level III that the Contractor still has a maintenance team onsite performing normal PM activities, inspections and repairs of the roadside equipment and components? Or is that the work performed by Level I and Level II providers and the Contractor assists as needed? We are trying to better clarify the Level III onsite requirements for the roadside system components (AVI, AVDC, ICPS, etc.) maintenance and operations for pricing.</i></p>	<p>Per this 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 &amp; Form D-6 Requirements Conformance Matrix on the NCTA Connect Site.</p>	Addendum 06
353	25 of 40	General Terms and Conditions	3.1 Standards	<p><i>Any Deliverables shall meet all applicable State and Federal requirements, such as State or Federal Regulation, and NC Chief Information Officer's (CIO) policy or regulation.</i></p> <p><i>Can you please confirm or provide a list of Federal regulations applicable to the RFP scope?</i></p>	<p>Refer to Part I Administrative, Part III Scope of Work and Requirements and all Attachments.</p>	Addendum 7



354	3 of 40	Damages	1.3 Liquidated Damages	<p><u>1. In the event that liquidated damages are disallowed for any reason whatsoever, NCTA shall be entitled its actual damages including any and all consequential or incidental damages.</u></p> <p><u>Can you please confirm that claims related to Punitive, Consequential and Incidental type damages will be excluded for both Parties?</u></p>	Confirmed.	Addendum 7
355	3 of 40	Damages	1.3 Liquidated Damages	Can you please confirm that Liquidated Damages will not be considered a breach of contract?	No, Liquidated Damages may be considered a breach of contract.	Addendum 7
356	4 of 40	Audits and Financial Reporting	1.4.2 Audit and Examination of Records	<p>a. Proposal Records shall include, but not be limited to, any material relating to the determination or application of Equipment rates, home and field overhead rates, related time schedules, labor rates, efficiency or productivity factors, arithmetic extensions, quotations from Subcontractors, or material suppliers, profit contingencies and any manuals standard in the industry that may be used by the Contractor in determining a price.</p> <p>Can you please confirm that the availability of proposal records shall be those records required to support invoices?</p>	Yes	Addendum 7
357				Can you please confirm that records pertaining to internal cost and rates are permissibly excluded from disclosure?	No.	Addendum 7
358		Contractor Cooperation	3. Interface Control Document Development and Ongoing Cooperation Requirements	<p>The Contractor shall reasonably cooperate with NCTA and its designated contractor(s) as necessary to develop interface control documents (ICDs) as set forth in Part III, Scope of Work and Requirements</p> <p>Can you please confirm that ICD development requirements shall be defined in writing?</p>	Yes.	Addendum 7
359	7 of 40	Warranties	1.6.1 System Warranty during Maintenance Phase	Can you please confirm that 3rd party COTS upgrade and maintenance warranties are/ are not applicable?	3rd party COTS upgrade and maintenance warranties for the RTCS solution shall be provided	Addendum 7
360	10 of 40	Warranties	1.6.4 Services Warranties	Can you please confirm that cure provisions would be applicable to Services not deemed as warranted?	Yes.	Addendum 7

361	16 of 40	1.1	1.10 Acceptance of Implementation Phase	Can you please confirm that liquidated damages will be excluded from use of Deliverables prior to acceptance?	No.	Addendum 7
362	23/24-40	2.6.2	2.6.2 Termination for Convenience Without Cause	Can you please confirm that termination costs related to the work in progress and unavoidable termination costs related to supplier's termination of liability, and administrative termination expenses, will be allowable costs incurred, considered fair and reasonable?	No additional allowable costs shall be included outside of Form D-7.	Addendum 7
363	27 of 40	3.4	3.4 Subcontracting	Can you please confirm that the requirement to provide subcontracting agreements does not apply to subcontractors indirectly used for firm-fixed priced efforts?	The requirement applies to all subcontractors.	Addendum 7
364	Part I	1.28	1.28 Insurance	<p><i>Subcontractors insurance: The Contractor shall either require each Subcontractor to obtain and maintain Workers' Compensation Insurance, Commercial General Liability, Business Automobile Liability and Professional Liability coverage similar to those required above in this section for the Contractor, or any other coverage deemed necessary to the successful performance of the Contract, or cover Subcontractors under the Contractor's policies. Such coverage shall be in effect at all times that a Subcontractor is performing Work under the Contract. The Contractor shall have responsibility to enforce Subcontractor compliance with these or similar insurance requirements; however, the Contractor shall upon request provide NCTA acceptable evidenced of insurance for any Subcontractor. The Contractor shall assume all reasonability for risks or casualties of every description, for any and all damage, loss or injury, to persons or property arising out of the nature of the Work, including but not limited to the negligence or failure of its Subcontractors (as well as Contractor's employees) to comply with Contract Documents</i></p> <p>Can you please confirm the process to determine compliant subcontractor insurance thresholds for subcontracts, particularly small business subcontractors and subcontracts with low dollar contract values? Can you please confirm when a</p>	<p>The Contractor shall determine the appropriate level of insurance for each subcontractor based on the level of work.</p> <p>NCTA does not have a waiver request.</p>	Addendum 7

365	Part III	2.13	End of Contract Transition Plan, 203	<p><i>The Contractor shall provide the necessary Software and systems support services to assist the successor contractor in setting up the systems, transfer of appropriate licenses and third-party Software, and transition of all data required to sustain uninterrupted service as directed by NCTA.</i></p> <p><i>Can you please confirm that 3rd party software, such as COTS software, that prohibits assignment and transfer, shall be preclude from this requirement?</i></p>	The Vendor shall list 3rd party software, such as COTS software that prohibits assignment and transfer in its Technical Proposal.	Addendum 7
366	3	NA	Exhibit B Payment Schedule	We kindly request that the Authority please release a native Excel file of the Exhibit B Payment Schedule?	No. Exhibit B has been provided as an example and will be filled out in future Task Orders.	Addendum 7
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 <a href="https://connect.ncdot.gov/business/Turnpike/Pages/default.aspx">https://connect.ncdot.gov/business/Turnpike/Pages/default.aspx</a>."</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 06.	Addendum 8
368		01_STCS_RFP	Table 1-2 Procurement Schedule	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.	Procurement Schedule will be assessed and adjusted as needed by NCTA.	Addendum 8

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>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>	Addendum 8
370	31-33 of 37	Part I, Section 4. Submission of Proposal	Form of Technical and Price Proposal Submissions	<p>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.</p>		Addendum 8
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>	<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>	<p>Preliminary Schedules to be provided with future Task Order proposals.</p> <p>Edits to Part 1 in Addendum 08:</p> <p>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 <del>and schedule.</del></p>	Addendum 8

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.	Addendum 8
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.	Addendum 8
374		D-6 Requirements Conformance Matrix	(Express Lanes Excluded) The RSS for AET Zones shall accurately detect the number of vehicle and include all data in the Toll Transaction.	Please confirm that the requirement should read "(Express Lanes Excluded) The RSS for AET Zones shall accurately detect the number of vehicle <b>axles</b> 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 <b>axles</b> and include all data in the Toll Transaction."	Addendum 8
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.	Addendum 8
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 <b>axles</b> and include all data in the Toll Transaction."	Addendum 8

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.	Addendum 8
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.	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.  Can you please confirm the correct section references should be 4.3.1.4 and 4.3.1.5, respectively?	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 <del>5.4</del> <b>4.3.1.4</b> <u>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 <del>5.5</del> <b>4.3.1.6</b> of the Part III, Scope of Work and Requirements.	Addendum 8
379	N/A	N/A	N/A	Can you please specify if the RTCS shall provide OCR/image review and ROI for all transactions or only image-based ones?	The Proposer shall provide OCR and ROI for all Toll Transactions where images are available.	Addendum 06
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.	Addendum 8

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 <b>front</b> 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 <del>for rear license plates</del> <b>according to NCTA Business Policies.</b> "	Addendum 8
382		Performance Requirements – Maintenance and Operations. Table 2: RTCS Performance Requirements	Image Capture and Transmission Accuracy	Should the KPI read "Provide front and <b>rear</b> images and ROI for all transactions (AVI and Image-Based) to OBO 99.95% or more."?	Yes. As part of this Addendum 6, this portion of the RFP has been updated to state "Provide <b>front and rear overview</b> images..."	Addendum 06
383		Part III Scope of Work	3.1.5 Wrong-Way Vehicle Detection System The current NCTA standard for WWVD is the can be found in Attachment 8: WWVD and Blank-Out Sign Systems.	Attachment 8 refers to NCTA Example Change Order. Can you please provide the WWVD and Blank-Out Sign Systems standard?	Per this Addendum 06, the RFP language has been revised under Part III, <i>Section 3.1.5 Wrong-Way Vehicle Detection System</i> . The original Attachment 8 reference has been modified to now reference the new <i>Attachment 10: ITS Standard Drawings</i> .	Addendum 06

384		Part I Administrative Part III Scope of Work	<p>1.4 General Overview of RTCS Scope of Work "Additionally, the Contractor shall be responsible for the implementation, maintenance, and operations scope of Digital Video Audit System (DVAS), Wrong Way Vehicle Detection (WWVD) system."</p> <p>3.1.53 Wrong-Way Vehicle Detection System If Deployed, the Contractor shall integrate Wrong-Way Vehicle Detection Systems with its RTCS. The current NCTA standard for WWDD can be found in Attachment 8: WWVD and Blank-Out Sign Systems.</p>	Please confirm whether the Contractor should provide their own WWVD system or integrate with the one provided by the Constructor.	Per this Addendum 06, the RFP language has been revised under Part III, <i>Section 3.1.5 Wrong-Way Vehicle Detection System</i> . In addition, a new <i>Section 3.1.6 Wrong Way Vehicle Detection and Notification</i> , under Part III, has been added.	Addendum 06
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.	Addendum 8
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.	Addendum 8
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.	<p><del>No exceptions will be made at this time.</del></p> <p><b>Update:</b> <u>State any proposed exceptions in Section 6, as detailed in the RFP, in format chosen by the Proposer.</u></p>	Addendum 8  Updated in Addendum 9



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.	Addendum 8
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.	Addendum 8
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.	Addendum 8
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.	Addendum 8
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.	Addendum 8

<p>393</p>	<p>Part I Page 18 of 37</p>	<p>Table I-3: Proposal Page Limitations</p>	<p>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.</p>	<p>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>	<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><b><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></b></p>	<p>Addendum 8</p>
<p>394</p>	<p>Part I, Page 1-2 of 37; Part III, 3, 35, 67,</p>	<p>Table I-1: Project Responsibility Matrix; 1.1-1.2 SOW Overview; Req 144.t, 185, 238, 239, Section 5 overview</p>	<p>ITS Equipment Provision and Integration Responsibilities of the Contractor vs. Constructor</p>	<p>The RFP refers to ITS various equipment components that may be included depending on the Scope of Work for a particular project.</p> <p>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>	<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.</p>	<p>Addendum 8</p>

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.	Addendum 8
396	Form D-7-Price Proposal			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."  Can NCTA please clarify how Proposers should account for changes in CPI and other project costs for projects that begin after 2023?	Please refer to response in Question #308.	Addendum 8
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.	Addendum 8
398	Part I, page 36	6.1; Exhibit D-10 Surety Commitment Letter	Notification of Award	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.	Complete the letter as-is. The letter accurately references the RFP for the bond value.	Addendum 8
399		Form D-6-Requirements Conformance Matrix	Requirement 417	RFP Wording: The Contractor shall support the connection of outside interfaces to the data warehouse for NCTA data collection, management and analysis purposes.  Question: please provide some detail as to what outside interfaces are covered by this requirement.	NCTA anticipates connecting by ETL tools or similar technology from its data warehouse to retrieve RTCS information.	Addendum 8

<p>400</p>		<p>Form D-6-Requirements Conformance Matrix</p>	<p>Requirement 216</p>	<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.                  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 the minor fastenings and bracketry required specifically to install each individual device.                  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>	<p>For Question 1 yes.                   For question 2: this will be determined for each Project.</p>	<p>Addendum 8</p>
<p>401</p>		<p>Form D-6-Requirements Conformance Matrix</p>	<p>Requirement 144, I)</p>	<p>Question 1: Please provide detail on approved NCTA locations referenced here.                   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.                   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>	<p>Addendum 8</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 &amp; Processing System (ICPS).</p> <p>Question: Please confirm that the Authority does not intend for the shoulders to be drivable, and the AVI and ICPS on the shoulders are intended to capture vehicles that straddle or attempt to drive on the shoulder illegally.</p>	The AVI and ICPS on the shoulders are intended to capture vehicles that straddle or attempt to drive on the shoulder.	Addendum 8
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.	Addendum 8
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.	Addendum 8
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, <del>and</del> Level II <del>and Level III</del> Maintenance Services.</p>	Addendum 8
406	PDF page 106	STCS-RFP.pdf, Part III – Scope of Work and Requirements, Req. 253	4.2.1. General RSS Functional Requirements	<p>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.</p> <p>Question: Please elaborate on this requirement with more detail.</p>	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.	Addendum 8
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	Exhibit D-7 Price Proposal updated in Addendum 06.	Addendum 8

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 06.	Addendum 8
409	N/A	D-7 Price Proposal	4 Toll System Implementation	Cell D6 is linked to '4-1 Backup Toll System Imp'!D41, which seems to be empty. Please Review	This was corrected per Addendum #02.	Addendum 06
410	N/A	D-7 Price Proposal	8 ITS Maintenance	<p>Question 1: please provide details on services to be priced in this sheet, considering that Level 1 maintenance is out of the RTSC Contractor's scope</p> <p>Question 2: If, for any reason, you intend for RTSC bidders to price Level I maintenance of these devices, please advise if spares, MOT, etc...have to be included within the same lump sum for each device.</p> <p>Question 3: Please, confirm whether Level II and Level III maintenance for DB Constructor's purchased and installed ITS equipment is or is not in the scope of this RTSC contract.</p>	The ITS portion has been removed from this pricing sheet tab as part of this Addendum 06.	Addendum 06
411		Form D-6-Requirements Conformance Matrix	Requirement 451	<p>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.</p> <p>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 ones provided by the Constructor) and fiber optics' lengths, or simply provide the length of the road for pricing purposes.</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.	Addendum 8

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.	Addendum 8
413		Form D-6- Requirements Conformance Matrix	Requirement 532	<p>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 &amp; Requirements.</p>	<p>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 interconnections between the toll Equipment cabinets as defined <u>per project in future Task Orders</u>. <del>in Attachment 3: I-5507 Constructor Plans &amp; Requirements."</del></p>	Addendum 8
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	<p>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.</p> <p>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.</p>	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.	Addendum 8

<p>415</p>	<p>PDF page 111</p>	<p>STCS-RFP.pdf, Part III – Scope of Work and Requirements, Req. 293</p>	<p>4.2.2.3 Zone Controller. Req. 293</p>	<p>RFP Requirement: Storage shall be sized to hold a minimum of ninety (90) days of one hundred percent (100%) of transactions, images and event data for each lane at the tolling location supported by the Zone Controller.</p> <p>Question: Please provide the expected average daily traffic (ADT), peak hour traffic, and expected percentage of transponder-based transactions per year for the purposes of sizing the Zone controller and TRH data storage/processing, among other things. This way SRTCS proposers can size and price their solutions based on the same baseline information.</p>	<p>Please assume 50% AVI Toll Transactions and 50% Image Toll Transactions for the purposes of the Technical Proposal. Assume 5 million transactions per month on AET lanes and 3 million per month for Express Lanes. System should be capable of handling 200% volume.</p>	<p>Addendum 06</p>
<p>416</p>	<p>N/A</p>	<p>D-7 Price Proposal</p>	<p>5-1 Backup AETM</p>	<p>Regarding “Year x of Maintenance - Monthly Roadside Hardware Maintenance and Software Support Services”</p> <p>Question 1: since Roadside Hardware Maintenance is Level I Maintenance to be provided by others, please clarify what you expect the bidders to include in these fields.</p> <p>Question 2: Please confirm that “MOT”, “Material, Tools and Occupancy” and “Spares Replacement” line items on this sheet do not need to be priced, because they are Level I Maintenance and out of RTSC Contractor’s scope.</p> <p>Question 3: Please confirm Labor to be priced on this sheet is limited to Level II and Level III support only.</p>	<p>Include all maintenance levels in the Price Proposal.</p>	<p>Addendum 06</p>
<p>417</p>	<p>128</p>	<p>STCS-RFP.pdf, Part III – Scope of Work and Requirements, 4.3.3.</p>	<p>4.3.3. Image Verification Services</p>	<p>RFP Quote: NCTA will provide the Contractor 60 Calendar Days’ notice to transition to continue with Image Verification Services.</p> <p>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.</p>	<p>NCTA may elect to transition Image Verification Services or other services to another vendor as it deems necessary.</p>	<p>Addendum 8</p>



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.	Addendum 8
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	<p>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.</p> <p>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.</p>	Confirmed.	Addendum 8
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 Level I Maintenance activities do not fall within this RTSC contract.	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.	Addendum 8
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)	<p>RFP Quote: e) Updates to the RTCS and application to support the addition of new interoperable agencies;</p> <p>Question: Please elaborate on this requirement and the expected role of the RTSC Contractor in supporting the addition of new interoperable agencies.</p>	The Contractor shall be responsible for supporting the provision of new interoperable agencies.	Addendum 8

422	N/A	D-7 Price Proposal	2-3 Backup EXP Roadside	<p>The "AET-002: AET Travel Lane" section of this sheet, in the group "AVI System," have "ETC Reader Modules", "ETC Antennas" and "ODC/Subcontractor Costs" line items, which ostensibly require a price, as the unit rate cells are unlocked.</p> <p>Question: Please clarify whether this AVI equipment is to be priced and purchased by the RTSC Contractor; if not, please update the pricing cells for these hardware items.</p>	The AVI equipment will be provided by NCTA.	Addendum 06
423	PDF Page 131	STCS-RFP.pdf, Part III – Scope of Work and Requirements, Req. 458	5.1.1. RTCS Warranty Program, Req. 458	<p>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.</p> <p>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.</p>	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.	Addendum 8
424	PDF Page 136	STCS-RFP.pdf, Part III – Scope of Work and Requirements, Req. 479	5.1.6. Monitoring and System Administration Services, Req. 479	<p>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 include but is not limited to: [...] i) scheduling of preventive, corrective and predictive maintenance activities.</p> <p>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.</p>	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.	Addendum 8

425		STCS-RFP.pdf, Part III – Scope of Work and Requirements,	5.1.5. RTCS Hardware Maintenance and Software Support Services	<p>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.</p> <p>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.</p>	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.	Addendum 8
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 scope and is performed by NCTA traffic operations staff or others.	The Contractor is responsible for all monitoring and operation of the toll system. Incident management is the responsibility of NCTA Operations Staff.	Addendum 8
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.	Addendum 8
428		Form D-6-Requirements Conformance Matrix	Requirement 487	<p>RFP Requirement: The Contractor shall provide changes to the approved Maintenance Plan schedule as soon as changes become known due to weather, contractor availability, or any other reason.</p> <p>Question: This requirement's wording (as well as some others throughout the Maintenance section of the RFP) makes it sound as if the RTSC Contractor is responsible for the overall management and supervision of the maintenance program, including the activities of the Level I Maintenance Provider. Please update requirements to indicate that the RTSC contractor's responsibility over the maintenance program is limited to Level II and III.</p>	Per this 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.	Addendum 06

429		Form D-6-Requirements Conformance Matrix	Requirement 503	<p>RFP Requirement: Any spare parts that are lost or damaged due to the negligence, intentional act, or omission of the Contractor or its employees, Subcontractors, agents, or invitees shall be replaced by the Contractor at its sole cost.</p> <p>Question: Please confirm this requirement does not apply to the RTSC Contractor, since Level I and spares management are to be provided by others.</p>	Per this 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.	Addendum 06
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.	Addendum 8
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.	Addendum 8
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.	Addendum 8
433		Form D-6-Requirements Conformance Matrix	Requirement 539	<p>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 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>	No additional information is available at this time. This information will be provided with each Task Order.	Addendum 8

<p>434</p>	<p>Pdf page 105</p>	<p>STCS-RFP.pdf, Part III – Scope of Work and Requirements, Req. 237 and 238, and Form D-7 Pricing</p>	<p>3.4.1. Intelligent Transportation Systems, Req. 237, 238, and 2-2 Backup AET ITS, and 2-4 Backup EXP ITS</p>	<p>RFP Quotes: 237 The Contractor shall also coordinate and be available onsite as needed during the acceptance test of the ITS performed by the Contractor and shall be responsible for signing off that the ITS is performing in accordance with the Contractor’s Requirements.                  238 The Contractor shall complete the commissioning and integration of the ITS to the RTCS.                  Question 1: What ITS devices the Constructor is providing that RTSC Contractor will need to integrate with?                  Question 2: These two requirements seem to indicate that the entire ITS system and its installation will be provisioned by the Constructor. However, the ITS pricing sheets in this RTSC RFP contain ITS device unit pricing, with an instruction in 2-2 to include installation labor into these unit prices. Please clarify.</p>	<p>Question 1: Details to be provided in future task orders, if applicable.                   Question 2: Per this Addendum 06, changes have been made to the D-7 Price Proposal Form, which includes the removal of ITS from the pricing sheets. ITS pricing will be included in future task orders.</p>	<p>Addendum 06</p>
<p>435</p>		<p>D-7 Price Proposal</p>	<p>2-1 Backup AET Roadside and 2-3 Backup EXP Roadside</p>	<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>	<p>Exhibit D-7 Price Proposal updated in Addendum 06.</p>	<p>Addendum 8</p>

436	PDF page 117	STCS-RFP.pdf, Part III – Scope of Work and Requirements, Req. 350	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 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>	State assumptions in proposal.	Addendum 8
437	All	STCS-RFP.pdf, SRTCS- Appendices-FINAL.pdf, SRTCS- Attachments-FINAL.pdf, SRTCS Exhibits-FINAL.pdf	Part III – Scope of Work and Requirements, and all related attachments, appendices, exhibits	<p>If the Authority does not intend to release sample Constructor drawings of AET and Express Lanes, please release simple notional specifications below, for SRTCS proposers to use as the basis for developing proposed solutions and pricing based on the same baseline information:</p> <ol style="list-style-type: none"> <li>1) Number of lanes/shoulders per AET zone</li> <li>2) Number of lanes/shoulders per EXP zone</li> <li>3) Lane widths</li> <li>4) AET roadway length</li> <li>5) EXP roadway length</li> </ol>	<p>For the purposes of pricing, assume:</p> <ol style="list-style-type: none"> <li>1a) 3 lanes/2 shoulders per AET lane</li> <li>1b) 2 lanes/2 shoulders per AET lane</li> <li>2a) 1 lane/1 shoulder per EXP lane</li> <li>2b) 2 lane/ 1 shoulder per EXP lane</li> <li>3-5) Per this Addendum 06, please refer to the new Attachment 9: NCTA Standard Drawings</li> </ol>	Addendum 06
438		D-7 Price Proposal	3-1 Backup AET TRH 3-2 Backup EXP TRH	<p>IVS Cost Schedule: OCR/ALPR Software.</p> <p>Question: Please confirm that in the OCR/ALPR Software line items in the "Image Verification Services" group of these two sheets are supposed to only contain OCR license/software costs during the implementation phase of the project (before go-live).</p>	The OCR/ALPR license costs during the implementation phase are related to integration costs. Any cost related to OCR licensing during the maintenance phase should be included in tab 7-1 Image Verification Services.	Addendum 06

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.	Addendum 8
440		Form D-6-Requirements Conformance Matrix	Requirement 288	What does "infer" the vehicle axle count mean? Why "infer" and not "count"?	<p>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.</p> <p>Revision: (290) "The AVDC system shall <del>infer</del><u>determine</u> the vehicle axle count as well as <del>determine</del> vehicle length, height and width <u>to</u> 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 &amp; Processing System (ICPS). <del>The vehicle</del></p>	Addendum 8

441		D-7 Price Proposal	2-1 Backup AET Roadside 3. Equipment Cabinets/Enclosures and Racks	<p>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 stationary generators. Please, provide technical requirements for portable generators if they are required.</p>	Exhibit D-7 Price Proposal updated in Addendum 06.	Addendum 8
442		D-7 Price Proposal	2-1 Backup AET Roadside 3. Equipment Cabinets/Enclosures and Racks	<p>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.</p>	Exhibit D-7 Price Proposal updated in Addendum 06.	Addendum 8
443		Form D-6-Requirements Conformance Matrix	Req. 268	<p>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.</p> <p>Question: Is this simulation software required for FAT? What about other testing phases?</p>	JAE: (Now req 270)	Addendum 8
444				<p>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.</p> <p>Question: Who pays the third party that will perform the annual risk assessment, NCTA directly or the RTSC Contractor?</p>	The RTCS Contractor shall pay for the annual information security risk assessment by a third party and include this cost in the O&M pricing.	Addendum 8



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>	Addendum 8
446	PDF Page 20	STCS-RFP.pdf, Part I – Administrative, 1.28	Requirement 291	<p>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?</p>	<p>The Contractor shall meet all Requirements of the Contract and may use degraded mode functionality if this is required to meet the Requirements.</p>	Addendum 8
447		Form D-6- Requirements Conformance Matrix	Requirement 545	<p>RFP Verbiage: For all maintenance or field checking conducted in-lane at the toll site, a full closure of the Express Lane segment is required. The closest upstream egress from the toll site shall mandate traffic to exit the Express Lanes. Ingresses located upstream of the toll site (without an egress between the ingress and the toll site) shall be closed to traffic. See Attachment 10: Additional Toll Site System Details for more details. The Contractor is responsible for all planning, design, coordination, implementation, maintenance and removal of all Maintenance of Traffic.</p> <p>Question: Please confirm that this requirement does not apply to the RTSC Contractor, because Level 1 maintenance is to be performed by others, therefore planning, design, coordination, maintenance and removal of all MOT during maintenance should be performed by NCTA's vendor responsible for Level I Maintenance.</p>	<p>Per this Addendum 06, this requirement (outlined under Part III, Section 5.4) has been modified. Please reference the latest version of the RFP on the NCTA Connect Site.</p>	Addendum 06

448		Form D-6-Requirements Conformance Matrix	Requirement 548	<p>RFP Verbiage: The Contractor shall prepare, and receive NCTA approval of, maintenance of traffic plans that envision the closure of each individual toll site for maintenance. Plans shall also be prepared for concurrent maintenance at a combination of toll sites.</p> <p>Question: Please confirm that this requirement does not apply to the RTSC Contractor, because Level 1 maintenance is to be performed by others, therefore these activities should be performed by NCTA's Level I Maintenance vendor.</p>	Per this Addendum 06, this requirement (outlined under Part III, Section 5.4) has been removed. Please reference the latest version of the RFP on the NCTA Connect Site.	Addendum 06
449		Form D-6-Requirements Conformance Matrix	Requirement 552	<p>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.</p> <p>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.</p>	This requirement applies to Contractor for those Spare Parts provided by the Contractor.	Addendum 8

<p>450</p>	<p>PDF Page 9</p>	<p>SRTCS-Exhibits-FINAL.pdf, Exhibit C – Price Proposal Instructions</p>	<p>1 GENERAL INSTRUCTION</p>	<p>RFP Wording: The Price Proposal Forms shall constitute a maximum Price Proposal for compensation for the performance of the Contractor's obligations and Work under the Statewide Roadside Toll Collection System project.</p> <p>Question: This RFP is open-ended when it comes to scope definition and quantities, being a multiple-award indefinite-quantity contract, therefore the maximum price proposal clause does not apply. Please consider removing it.</p>	<p>The maximum price refers to the configurations specified in the pricing sheet.</p> <p>For the purposes of pricing, assume:</p> <ul style="list-style-type: none"> <li>1a) 3 lanes/2 shoulders per AET lane</li> <li>1b) 2 lanes/2 shoulders per AET lane</li> <li>2a) 1 lane/1 shoulder per EXP lane</li> <li>2b) 2 lane/ 1 shoulder per EXP lane</li> <li>3) Per this Addendum 06, refer to the new Attachment 9: NCTA Standard Drawings for roadway lengths and lane widths</li> </ul>	<p>Addendum 06</p>
<p>451</p>	<p>PDF Page 9</p>	<p>SRTCS-Exhibits-FINAL.pdf, Exhibit C – Price Proposal Instructions</p>	<p>1 GENERAL INSTRUCTION</p>	<p>RFP Wording; Implementation and "Future Zone Type" pricing should be entered in 2023-dollar values.</p> <p>Question: We could not find a "Future Zone Type" section or tab in the pricing sheets. Please advise.</p>	<p>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 <del>"Future Zone Type"</del> <b>System Cost</b> pricing should be entered in 2023-dollar values. Maintenance labor costs should be entered in 2023-dollar values."</p>	<p>Addendum 8</p>

<p>452</p>		<p>Form D-6-Requirements Conformance Matrix</p>	<p>Requirement 232</p>	<p>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 location to the NCTA CBOS.                  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.                  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>	<p>Disaster Recovery System requirements added to the RFP in Addendum 08 as Section 4.3.1.7 TRH Disaster Recovery System.</p>	<p>Addendum 8</p>
<p>453</p>		<p>Form D-6-Requirements Conformance Matrix</p>	<p>Requirement 413</p>	<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.                  Question 1: How many NCTA team members will need this access?                  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?                  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 and/or number of reports for the Host is important for data usage sizing, and more.</p>	<p>Question 1: for the purpose of the bid, 50 users.                  Question 2: Proposers shall include reports available in its Proposal. NCTA may modify or build new reports as it deems necessary.                  Question 3: Refer to Attachment 5 - NCTA Reports and Analytics Templates for examples of potential reports.</p>	<p>Addendum 8</p>

454		Form D-6-Requirements Conformance Matrix	Requirement 231, 234	<p>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?</p>	<p>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 accommodate an ISP circuit for communication outside the facility.</p>	Addendum 8
455		D-7 Price Proposal	7-1 Image Verification Services	<p>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 images/transactions coming from the roadside post-ALPR, or only the ones specifically flagged for manual image review? 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>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 images per vehicle. Please refer to Addendum 06.</p>	Addendum 8
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>	Addendum 8

457	PDF Page 37	STCS-RFP.pdf, Part I - Administrative	Table 1-5: Forms and Submittal Checklist	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?	Preliminary Schedules will be provided as part of future Task Order proposals. Table 1-5 updated in Appendix 08.	Addendum 8
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 06. Assume each configuration will be applied to a 10 zone facility for each BOM.	Addendum 8
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.	Addendum 8

<p>460</p>	<p>RFP PDF, Page 123</p>	<p>STCS-RFP.pdf, Part III – Scope of Work and Requirements,, 4.3.1 Transaction Reconciliation Host (TRH),</p>	<p>4.3.1.1 Critical Environmental Monitoring System (CEMS)</p>	<p>RFP Requirements: “The Contractor shall provide a Critical Environmental Monitoring System (CEMS), which shall consist of an 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:                      a) HVAC status (on/off);                      b) temperature;                      c) humidity;                      d) utility power;                      e) UPS power;                      f) smoke detector; and                      g) Carbon monoxide detector.)”</p> <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>	<p>For Question 1-2: this will depend on the Contractors solution and Proposers shall identify and include all assumptions in its Technical Proposal.</p>	<p>Addendum 8</p>
<p>461</p>		<p>D-7 Price Proposal</p>	<p>2-2 &amp; 2-4. PSP</p>	<p>What type of DMS, of those specified in the "Project Special Provisions (PSP)," must be quoted?</p>	<p>Exhibit D-7 Price Proposal updated in Addendum 06. ITS pricing has been removed and will be addressed in future Task Orders.</p>	<p>Addendum 8</p>
<p>462</p>	<p>RFP PDF, Page 79</p>	<p>STCS-RFP.pdf, Part III – Scope of Work and Requirements</p>	<p>2.4 Installation Drawings, 55, o)</p>	<p>RFP Requirements: “lightning and surge suppression system”</p> <p>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.</p>	<p>Lightning and surge suppression is also in the Contractor responsibility.</p>	<p>Addendum 8</p>

463	RFP PDF, Page 95	STCS-RFP.pdf, Part III – Scope of Work and Requirements	2.10.6. Electrical Work	<p>RFP Requirements: "Electrical work to be performed under this Contract shall include, but not be limited to the following general items of work:</p> <p>a) Provide and install Surge Protection Devices (SPD) as required to protect all toll collection Equipment and electronics.</p> <p>b) Install junction boxes and terminate new cable and conduit attachment devices, where applicable.</p> <p>c) Bond all conduits, manhole frames, and other conductive items to the grounding system in conformance with the NEC."</p> <p>Question: It is our understanding that grounding system should be in the DB Constructor's scope, and not RTSC Contractor scope. Please confirm and update the requirement.</p>	No change will be made.	Addendum 8
464	PDF page 90	STCS-RFP.pdf, Part III – Scope of Work and Requirements	2.9 Disaster Recovery Plan Req. 134	<p>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.</p>	Confirmed	Addendum 8
465	PDF page 107	STCS-RFP.pdf, Part III – Scope of Work and Requirements	4.2.1 General RSS Functional Requirements Req. 261	<p>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.</p>	Proposers should include any proposed exceptions or alterations to requirements within the RCM and provide reasoning.	Addendum 8



466	PDF page 104	STCS-RFP.pdf, Part III – Scope of Work and Requirements	3.1.3. Communications	<p>Question: Will have FO Network for the Project connectivity with NCTA Control Center?</p> <p>Question 2: Is the RTSC Contractor Responsible for providing Active communication devices to provide connectivity between FO Network and NCTA Control Center?</p> <p>Question 3: Where is NCTA Control Center located?</p>	<p>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 provides all equipment and services to establish a secure network on the provided fiber backbone.</p>	Addendum 8
467	PDF page 104	STCS-RFP.pdf, Part III – Scope of Work and Requirements	3.1.3 Communications Req. 229	<p>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.</p> <p>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.</p>	<p>Yes, the required connection between the NCTA facilities and the cloud solution should be included in the RTCS Contractor's proposal.</p>	Addendum 8
468	PDF page 104	STCS-RFP.pdf, Part III – Scope of Work and Requirements	3.1.3. Communications, clause 231	<p>Please, confirm if the WAN connection to the NCTA CBOS are the two ISP connections stated in Req. 231.</p>	<p>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.</p>	Addendum 8
469	PDF page 104	STCS-RFP.pdf, Part III – Scope of Work and Requirements	3.1.3. Communications, clause 224	<p>Could you clarify what is the scope of the contractor responsibility regarding the RTCS WAN communications?</p>	<p>Refer to 466 and 468 responses.</p>	Addendum 8

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.	Addendum 8
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.	Addendum 8
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.	Addendum 8
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." Which is correct? Is a bid bond required for this effort.	Please refer to response in Question #74.	Addendum 8
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?	<del>5% of \$20,000,000 as stated in Part 1, Section 6.1 Notification of Award.</del> <b>Update:</b> <b><u>Bid Bonds have been removed from this RFP.</u></b>	Addendum 8  Updated in Addendum 9
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.	Addendum 8
476		Form D-7 Price Proposal	5-1 Backup AET Roadside Maint	Prices per year per Zone Type shall include prices for 10 Toll Zones or just for 1 Toll Zone?	Include pricing for a single zone, as if it were part of a set of 10 zones included in a project.	Addendum 9

477		Form D-7 Price Proposal	5-2 Backup EXP Roadside Maint	Prices per year per Zone Type shall include prices for 10 Toll Zones or just for 1 Toll Zone?	Include pricing for a single zone, as if it were part of a set of 10 zones included in a project.	Addendum 9
478		Form D-7 Price Proposal	2-1 Backup AET Roadside	Please confirm the unit price in this sheet needs to include materials plus labor for each item. Otherwise please clarify	Yes	Addendum 9
479		Form D-7 Price Proposal	2-2 Backup EXP Roadside	Please confirm the unit price in this sheet needs to include materials plus labor for each item. Otherwise please clarify	Yes	Addendum 9
480		Form D-7 Price Proposal	3-1 Backup AET TRH	There's no place for separately pricing Image Verification Services. Please, confirm that IVS price has to be included under the HOST SOFTWARE ITEM	IVS price is included in Sheets 7, 7-1 and 7-2. Provide IVS pricing "as-a-service" including all material, software and service pricing.	Addendum 9
481		Form D-7 Price Proposal	3-2 Backup EXP TRH	There's no place for separately pricing Image Verification Services. Please, confirm that IVS price has to be included under the HOST SOFTWARE ITEM	IVS price is included in Sheets 7, 7-1 and 7-2. Provide IVS pricing "as-a-service" including all material, software and service pricing.	Addendum 9
482		Form D-7 Price Proposal	3-1 Backup AET TRH	Formula in cell F6 is missing Formulas in cells E10 and F20 are wrong, should be a summation of cells above	Fixed in Addendum 8.	Addendum 9
483		Form D-7 Price Proposal	3-2 Backup EXP TRH	Formulas in cells F6 and F19 are missing	Fixed in Addendum 8.	Addendum 9
484	PDF page 148	RFP, updated for Addendum 6	5.2.1.1. ITS Maintenance Requirements	ITS equipment has been removed from Form D-7 price proposal. Nevertheless, based on SOW 5.2.1.1. proposer maintenance pricing should still include labor for ITS Equipment maintenance, correct? Please confirm.	Pricing for ITS equipment and labor related to both implementation and maintenance will be addressed in future Task Orders. At that time, the requirements in 5.2.1.1 will be used to determine price in reference to the quantities, conditions and specifications within the Task Order.	Addendum 9

<p>485</p>	<p>PDF page 131</p>	<p>RFP, updated for Addendum 6</p>	<p>Part III, section 5, subsection 3</p>	<p>RFP verbiage: "NCTA under a separate contract shall perform the following services, including but not limited to: [...] c) Provision of an ample spare parts inventory to meet all Performance Requirements as required by NCTA;"</p> <p>Question: Throughout the RFP and Q&amp;A, there are indications the RTSC contractor will be required to purchase the initial spares inventory and place it in NCTA warehouse, then maintain and control it and restock/purchase adequate inventory throughout base and optional contract term. So it appears the above provision c) is included in error. Please remove it, or clarify the approach to how the responsibility for purchasing initial/on-going spares is to be split between RTSC Contractor and NCTA.</p>	<p>As stated in the RFP, spare parts will be provided by NCTA "if required". This will apply to spares for components that have otherwise been provisioned by NCTA. A potential example would be the AVI readers and antennas, if provided by NCTA.</p>	<p>Addendum 9</p>
<p>486</p>	<p>PDF page 32</p>	<p>Addendum07</p>	<p>Q&amp;A #164</p>	<p>Q&amp;A #164 instructs: "State any applicable assumptions."</p> <p>Question: Should the bidders state such pricing assumptions in a separate attachment to the Price Proposal? If not, then should such pricing assumptions be included with the technical assumptions in the Technical Proposal instead?</p>	<p>Refer to Part I, Section 4.2, #8, stating "Assumptions should be provided in the manner set forth in this Part I Administrative, Section 3.2 Content of Technical Proposal (Proposal Section 6)."</p>	<p>Addendum 9</p>

<p>487</p>	<p>SRTCS_RFP_Addendum06 PDF pages 33 and 34; SRTCS_RFP_Addendum07 PDF page 41</p>	<p>Addendum06 and Addendum07</p>	<p>Q&amp;A #242, #306, #310, #311, #312</p>	<p>There is a contradiction between ADD6 Q&amp;A #306, #310, #311, #312 versus ADD7 Q&amp;A#242.</p> <p>ADD6 Q&amp;A #306, #310, #311, #312 suggest that project overhead-type expenses (e.g. project management, travel, warehousing, etc.) is to be included the price proposal by including within the existing unit rate line items (presumably by "distributing" such costs between individual hardware and service line items).</p> <p>ADD7 Q&amp;A#242 suggests that project overhead-type expenses (e.g. project management, travel, warehousing, etc.) is apparently to be excluded from the price proposal because it will be assessed in future Task Orders as a separate item using Additional Service Rates.</p> <p>Please clarify and confirm which is the correct guidance, and confirm that you withdraw the opposing guidance.</p>	<p>Follow response to #242. Overhead costs will be assessed in future Task Orders as these costs may vary based on the location and duration of the project.</p>	<p>Addendum 9</p>
<p>488</p>	<p>PDF page 42</p>	<p>Addendum07</p>	<p>Q&amp;A #253</p>	<p>Based on the response to this question ("Preliminary Schedules to be provided with future Task Order proposals."), please confirm that <del>not</del> including any Preliminary Project Implementation Schedule into the proposal will not be considered a non-compliance.</p>	<p>Confirmed. No schedules are expected with this Proposal.</p>	<p>Addendum 9</p>
<p>489</p>	<p>PDF page 56</p>	<p>SRTCS_RFP_Addendum07</p>	<p>Q&amp;A #323</p>	<p>Q&amp;A answer: "MOT pricing has been removed from the RFP and will be included, as applicable in future Task Orders."</p> <p>Question: Please confirm that, despite the fact that the RTSC contractor is now responsible for all 3 Levels of maintenance (LVL I, II, and III), including field maintenance work, the proposers should not include any costs for MOT during maintenance into their price proposals.</p>	<p>Correct. MOT costs will be added in, as applicable, in future Task Order pricing.</p>	<p>Addendum 9</p>

<p>490</p>	<p>Pdf page 9</p>	<p>Exhibits_Addendum 07</p>	<p>Exhibit C</p>	<p>RFP verbiage: "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" 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."</p> <p>Question: Please, confirm no escalation is to be included in Price Proposal since escalation will be additionally included in price resubmissions for each separate Task Order.</p>	<p>Confirmed. Enter 2023 values for all items in this Proposal.</p>	<p>Addendum 9</p>
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<p>491</p>		<p>Exhibits_Addendum 07 and Addendum 07 Q&amp;A</p>	<p>Exhibits Add 7, Exhibit C, section 1 GENERAL INSTRUCTION</p>	<p>Q&amp;A 245 states: "All pricing should be based off Year 2023. Please reference Exhibit C, Section 1, #10." Q&amp;A 246 states: "These fields are editable. Enter labor rates based on 2023 values for all fields and CPI adjustments will be made in future Task Orders." Q&amp;A 308 states: "The CPI calculation will be determined for each Task Order." Q&amp;A 350 states "The price for work will be discussed for each Task Order."</p> <p>But Exhibits Add 7, Exhibit C, section 1 GENERAL INSTRUCTION: contains seemingly contradictory guidance: "The Price Proposal Forms shall constitute a maximum Price Proposal for compensation for the performance of the Contractor's obligations and Work under the Statewide Roadside Toll Collection System project." and also "Implementation and "Future Zone Type" 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.." Please update Exhibit C, section 1 GENERAL INSTRUCTION to match the updated</p>	<p>Exhibit C updated in Addendum 9 to state, "No price escalation <b>beyond CPI adjustments</b> will be allowed above the costs provided [...]"</p>	<p>Addendum 9</p>
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<p>492</p>	<p>PDF page 65</p>	<p>STCS-RFP_UPDATED per Addendum 06</p>	<p>5. Maintenance Responsibilities and Services</p>	<p>RFP Verbiage: "The Contractor shall provide Level III Maintenance Services for all work described below, as applicable to the subject Task Order: a) Roadside Equipment; b) System Hardware Maintenance (servers, storage, network switches, firewalls, routers, etc.); c) System administration; d) Software support services; e) Network administration; f) Database administration; g) Monitoring services; h) Preventive maintenance.; i) Corrective maintenance.; j) Security and Confidentiality; and k) ITS Maintenance; and. k)l) Facility Maintenance.</p> <p>Question 1: Please confirm that ITS Maintenance is not to be priced at this stage and will be added on each specific task order. If ITS Maintenance has to be priced at this stage:</p> <p>1.a ) please clarify where in the Pricing sheet should be included, since ITS tabs are removed from the current Pricing sheet</p> <p>1.b) please provide the quantity and types of ITS devices to be maintained</p> <p>Question 2: Please clarify the scope of Facility Maintenance. Is this Facility the spares facility?</p>	<p>1. Correct - no ITS pricing is to be provided at this time, but the Proposer must confirm capability to meet ITS requirements in the RCM.</p>	<p>Addendum 9</p>
<p>493</p>	<p>PDF page 65</p>	<p>STCS-RFP_UPDATED per Addendum 06</p>	<p>5. Maintenance Responsibilities and Services</p>	<p>RFP Verbiage: "The Contractor shall provide complete Maintenance Services for:</p> <p>a) All maintenance work for a base period of up to 5 years; and</p> <p>b) All maintenance work for two optional 3-year periods."</p> <p>Question: There is no place to price the two optional 3-year periods. Please, confirm proposers are not requested to price two optional 3-year periods, otherwise, please provide an updated pricing sheet to include them</p>	<p>Extension pricing will not be provided at this time, but will be included in future Task Orders, as applicable.</p>	<p>Addendum 9</p>



<p>494</p>	<p>PDF page 91</p>	<p>RFP-Addendum 06</p>	<p>2.10.1. Installation Program req. 140</p>	<p>RFP Verbiage: "The Contractor shall install any RSS servers and Hardware in the cabinets provided by the Constructor and approved by NCTA."</p> <p>Question 1: Answer 128 in addendum 07 says: "Facility and project details will be provided in future task orders. For the purpose of this RFP, assume all required RTCS cabinets shown in the Standard Drawings are provided by others." Attachment 9 NCTA Standard Drawings shows some cabinets, but missing RSS Tolling Cabinets. Please confirm whether all cabinets/enclosures and enclosures are to be considered as provided by others/Constructor (not RTSC Contractor) for the purpose of this RFP pricing.</p> <p>Question 2: Attachment 9 NCTA Standard Drawings shows a vault. Please confirm whether we should consider that there will be a vault provided by the Constructor at every toll zone and advise what it will be used for.</p>	<p>1. Yes, assume all cabinets/enclosures are provided by others for the purpose of this RFP pricing unless any additional enclosure is needed by the proposer system that is not represented in Attachment 9.</p> <p>2. The Vault is used to house toll equipment. There is 1 vault provided per pair of AET bidirectional toll zones and typically 1 vault provided for a ramp zone. Express Lane Zones will not have vaults. Refer to Attachment 9.</p>	<p>Addendum 9</p>
<p>495</p>	<p>PDF page 31</p>	<p>Addendum07</p>	<p>Answer 140</p>	<p>Answer verbiage: "ACSMS functional requirements have been added to the RFP in Addendum 06. ACSMS and CEMS have been removed from the AET/EXP Roadside backup pricing sheets. Only include pricing for TRH costs associated to support CEMS/ACSMS functions. Zone level details and pricing will be assessed with future task orders, when location-specific details are available."</p> <p>Question 1: Please confirm that no HW purchasing nor installation related to ACSMS has to be priced at this stage, and only ACSMS SW and its integration in MOMS has to be included</p>	<p>Do not include any lane level hardware pricing. Only include pricing for hardware and software needed at the TRH to support ACSMS requirements.</p>	<p>Addendum 9</p>

496	PDF page 32	Addendum06	Answer 294	<p>Answer verbiage: "Per this Addendum 06, ACSMS requirements have been added to the RFP. Please reference</p> <p>Part III, Section 4.3.1.2 Access Control &amp; Security Monitoring System (ACSMS). Pricing at this time is only inclusive of postlevel software/hardware for this functionality. Site-level hardware such as card readers and locks will be priced in future task orders"</p> <p>Question: Please, elaborate on "postlevel software/hardware" and confirm that no HW purchasing nor installation related to ACSMS has to be priced at this stage, and only ACSMS SW and its integration in MOMS has to be included</p>	<p>"post-level" is a typo and intended to state "host-level", meaning TRH. Include pricing for any Hardware (such as a control server) and software needed at the TRH to support ACSMS functionality, as applicable.</p>	Addendum 9
497	N/A	Form D-7 Price Proposal		<p>Sheets 7-1 Image MIR Services and 7-2 OCR-ALPR separate out manual review pricing from OCR pricing. But Q&amp;A #317 instructs us to bid a blended rate. Please confirm that Q&amp;A #317 response does not apply, and no blended rate is expected.</p>	<p>Sheet 7-1 Image MIR Services is to be a blended rate of MIR and OCR. Sheet 7-2 is a rate for only OCR without MIR services provided.</p>	Addendum 9
498	PDF page 154	RFP – Addendum 06	6.1.1. Performance Measurement, Table 2: RTCS Performance Requirements, row 8	<p>RFP – Addendum 06 verbiage: "Provide front and rear overview images and ROI for all transactions (AVI and Image-Based) to OBO 99.95% or more."</p> <p>Question: North Carolina and most nearby states are among the 20 that do not require front license plates, except for commercial vehicles. That means that most transactions will have either no front plates or vanity plates potentially with images and characters, but without meaningful readable data - therefore this requirement is impossible to meet for front plates. Please modify this performance metric to rear plates only.</p>	<p>Front and rear overview images are to be provided for all vehicles, regardless of front or rear plates. ROI's must be provided for the plate used for transaction processing per NCTA business policies.</p>	Addendum 9
499	PDF page 6	RFP – Addendum 08	Q&A #42	<p>Q&amp;A #42 appears to be a duplication of Q&amp;A #41. Please address Q&amp;A #42 regarding the "include API's" language.</p>	<p>NCTA revises its response to be: "Provide a description of Proposer's approach to generating API's and previous experience in integrating API's".</p>	Addendum 9

500	PDF page 12	RFP – Addendum 08	Q&A #86	<p>Q&amp;A #86 states: "Provide 1 hard copy and 5 USB drives."</p> <p>Question: Is each USB drive supposed to contain 1 unredacted and 1 redacted copy of the Technical Proposal, or no redacted copies are required?</p>	<p>Submit only 1 redacted version in a separate USB drive.</p> <p>To clarify: Submit 1 USB with a redacted version &amp; 5 USB with the unredacted version, totaling 6 USBs.</p>	Addendum 9
501	PDF page 34	RFP – Addendum 08	Q&A # 387	<p>Q&amp;A #387 states: "No exceptions will be made at this time."</p> <p>Question: Reponse instructions to Section 6 direct us to "clearly identify any proposed exceptions to the Terms and Conditions." There seems to be a direct contradiction. Please clarify and let us know whether to include or not include the proposed exceptions.</p>	<p>State any proposed exceptions in Section 6, as detailed in the RFP, in format chosen by the Proposer.</p>	Addendum 9
502	PDF page 46	RFP – Addendum 08	Q&A #421	<p>Q&amp;A #387 states: "The Contractor shall be responsible for supporting the provision of new interoperable agencies."</p> <p>Question: Interoperability with new agencies and hubs typically falls to the Commercial Back Office provider, based on the inherent focus of interoperability as a reciprocity/settlement framework. Please elaborate on the exact nature/extent of the roadside tolling provider's responsibility for supporting the provision of new interoperable agencies.</p>	<p>Examples could include new transponder protocols, new agency or UID mapping, increased tag file sizes with expanded interoperability.</p>	Addendum 9
503	PDF page 64	RFP – Addendum 08	Q&A #474	<p>This contradicts earlier Q&amp;A line items that explain that bid bond does not need to be priced with this proposal, and will just be determined/priced per task order. Please confirm Q&amp;A 474 was included in error.</p>	<p>Correct. #474 response is an error. There is no bid bond expected with this proposal.</p>	Addendum 9

504	All	SRTCS_RFP_Question_Responses_Complete_Set	All	<p>Given that the Authority has released 475 questions within the past two weeks, with some significant changes/clarifications affecting proposer solutions and prices, and a few outstanding items requiring follow-up clarifications, we respectfully request a 1-2 week extension to the proposal submittal deadline. That would enable proposers to analyze and factor it all in, and provide their best-value most competitive offers to the Authority.</p>	NCTA has provided an extension in Addendum 9.	Addendum 9
505	PDF page 62 of Addendum 08	RFP – Addendum 08	Q&A #467	<p>The required connection between NCTA facilities and the cloud solution is a VPN over an existing internet connection or should the contractor hire a carrier connection? In the case that the contractor has to hire a carrier connection, the two end points are: the cloud (where TRH cloud will be based) and the project location, which is unknown. What location should the contractor consider for quotation purposes?</p>	For the purpose of this proposal, assume the facility location is a highway in a metropolitan area. State any applicable assumptions.	Addendum 9
506	PDF page 62	STCS-RFP_UPDATED per Addendum 08.pdf	4.3.1.6 External Interfaces and Data Requirements	<p>In response 394 of the SRTCS_RFP_Addendum08.pdf document, reference is made to ITS not being within the scope of the project.</p> <p>Requirement 430 of Addendum 8 states that video streaming from CCTV cameras must be provided. It is our understanding that this requirement should be modified and remove the reference to CCTV cameras. Is this correct?</p>	Pricing for ITS equipment and labor related to both implementation and maintenance will be addressed in future Task Orders. At that time, the ITS related requirements in the RFP will be used to determine price in reference to the quantities, conditions and specifications within the Task Order.	Addendum 9
507		Addendum 7 Form D-7	Q&A #382 Sheets 2-1 and 2-2	<p>The NCTA answer to question 382 states front and rear overview images are required from the ICPS. The Addendum 7, Form D-7 Price Proposal, Sheets 2-1 and 2-2, Note 7, states to assume all shoulder lanes shall be equipped with rear-only ICPS.</p> <p>Please confirm if front ICPS cameras are required for the shoulders for all AET and EXP Toll Zones.</p>	Front cameras are not required in the shoulders.	Addendum 9

<p>508</p>		<p>Addendum 7/8 Form D-7 Price Proposal</p>	<p>Q&amp;A #241, 242 and # Sheet 4-1</p>	<p>The answer to 241 and 242 identifies that “payment and performance Bond” and “Program management” should not be included in Sheet 4-1 and will be priced separately in future Task Orders.</p> <p>The following costs could also be specific to the geographic location and details of the project’s task order:</p> <ul style="list-style-type: none"> <li>• Engineering and design (eg installation plans, installation drawings, a bill of materials, etc);</li> <li>• Initial Spare Parts;</li> <li>• Insurance; or</li> <li>• Transition costs.</li> </ul> <p>Please clarify if the items listed above and any other pay items should be excluded from the price forms since NCTA expects these to be priced separately in future Task Orders.</p>	<p>Engineering and Design documents were removed from pricing in Addendum 8.</p> <p>Provide pricing information for the items included in the Price Proposal. Spares are expected to be priced on a per zone basis, so cost accordingly based on Proposer determined quantities needed to fulfill contract requirements and on the assumption Proposers are bidding on a 10 zone project, as stated in the RFP.</p> <p>State any assumptions regarding what is included in pricing within Section 6 of the Proposal.</p>	<p>Addendum 9</p>
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509		Addendum 7 Form D-7 Price Proposal	Sheet 7-1 Image MIR Services Sheet 7-2 OCR/ALPR Q&A #317	<p>The answer to Q #317 identifies that Sheet 7-1 is a “blended rate to provide verified image toll transactions using manual and automated reviews for each vehicle.”</p> <p>Please clarify whether Sheets 701 and 7-2 are mutually exclusive as follows:</p> <ul style="list-style-type: none"> <li>• Sheet 7-1 is the blended rate for image transactions sent to manual review. This includes manual and automated costs for low confidence transactions.</li> <li>• Sheet 7-2 is the OCR/ALPR rate for image transactions not sent to manual image review. This includes only automated costs for high confidence transactions.</li> </ul>	<p>A Task Order will be assigned pricing from either 7-1 or 7-2, depending on the Scope of Work assigned.</p> <p>Sheet 7-1 is the fee for every image transaction accurately processed by the Contractor if IVS is included in their scope. The fee should be a blended rate of OCR and MIR costs, based on Contractors expected automation rate.</p> <p>Sheet 7-2 is the fee for every accurately processed image transaction if IVS is not included in the Contractor scope of work (i.e. OCR only).</p>	Addendum 9
510		Form D-7 Price Proposal	Sheet 7-1 Image MIR Services Sheet 7-2 OCR/ALPR	<p>The first tier on these sheets cover transactions from 0 to 100,000. However, the sample monthly units for this tier in all years is listed as 75,000.</p> <p>Assuming that these are step tiers, since the other tiers (2 &amp; 3) have volumes, should the sample monthly volume be 100,000 for Tier 1?</p>	Per this Addendum 9, D-7 Price Proposal sheets 7-1 and 7-2 have been updated to reflect 1 pricing tier per year, with an assumed volume of 1 million image transactions per month.	Addendum 9
511		Form D-7 Price Proposal	Sheet 7-1 Image MIR Services Sheet 7-2 OCR/ALPR	<p>Please confirm that the price tiers are steps and not an absolute. For example: For 500,000 Images, it would be the following and <u>not</u> the full 500,000 at the tier 3 price.:</p> <ul style="list-style-type: none"> <li>• tier 1 price for the first 100,000;</li> <li>• tier 2 price for the next 150,000; d</li> <li>• tier 3 price for the remaining 250,000.</li> </ul>	Refer to the response to Question 510.	Addendum 9

512		Form D-7 Price Proposal	Sheet 7-1 Image MIR Services Sheet 7-2 OCR/ALPR	<p>Please explain how the unit prices on Price Form Sheets 7-1 and 7-2 will be applied. For example: If there are 1,000,000 lane transactions and 70% (700,000) are identified purely thru OCR/ALPR and 30% (300,000) need to go Manual Review (MIR), will the Contractor be paid:</p> <p>1) 700,000 at the 7-2 unit prices and 300,000 at the 7-1 unit prices; or</p> <p>2) 1,000,000 at the 7-2 unit prices and 300,000 at the 7-1 unit prices?</p>	Refer to the response to Question 509.	Addendum 9
513		Form D-7 Price Proposal	Sheet 7-1 Image MIR Services Sheet 7-2 OCR/ALPR	<p>The Sample Monthly units provided in column B on Price Form Sheets 7-1 and 7-2 are identical. It would seem logical that only a subset of the 7-2 OCR/ALPR volumes would need to go to Manual Review (MIR) and therefore, those MIR sample units on 7-1 should be less than the OCR/ALPR volumes on 7-2. Please clarify.</p>	Refer to the response to Question 509.	Addendum 9
514		Form D-7 Price Proposal	Tab 4-1	<p>Regarding Question 258: For item "TEST-003" (Site Installation Test) bidders are asked to enter their pricing for a "Toll Zone". What Toll Zone "Type" should bidder base their pricing on (AET-001, AET-002, EXP-001, or EXP-002)?</p>	Per this Addendum 9, pricing sheets have been updated to clarify testing related pricing. There are now individual tables on sheet 4-1 Backup Toll System Imp to provide separate pricing for a AET and EXP configuration testing in the zone configurations specified.	Addendum 9

515	Part I, page 9 and 29	Amendment 8;  Question 387  Part I, Section 1.23; Part I, Section H	Instructions to Proposers	<p>Regarding Question 387 which indicates, "no exceptions will be made at this point." Section 1, Part 6 still indicates, "6. The Proposer must clearly identify any proposed exceptions to the Terms and Conditions in this Proposal Section 6, which will be considered in accordance with Part I, Administrative, Section 1.23 Contractual Obligations. The Contractor waives the right to raise new exceptions and alternatives during and after negotiations, however, any details not yet defined in the documents by NCTA may still be negotiated."</p> <p>1. Please confirm exceptions to the Terms and Conditions are still allowed to be included in Section 6 of proposals. 2. Please confirm whether exceptions to technical requirements should be provided via the compliance matrix rather than Proposal Section 6.</p>	<p>1. State any proposed exceptions in Section 6, as detailed in the RFP, in format chosen by the Proposer.  2. State proposed exceptions to any technical requirements in the RCM.</p>	Addendum 9
516	various	SRTCS-RFP.pdf, Part I, Section H.5 Addendum 8, Question 432 Question 436 Question 459 Question 460	Assumptions	Please confirm all assumptions to the Technical Requirements should be in Proposal Section 6 rather than in the Compliance Matrix.	Confirmed. The comment cell in the RCM should be reserved for exceptions, rather than assumptions.	Addendum 9
517	Q&A page various	Form D-7 Price Proposal	Question 164	The answer to Question 164 states, "Proposer to price as their solution applies to the pricing sheet. State any applicable assumptions." Where should proposers include their pricing assumptions?	Refer to Part I, Section 4.2, #8, stating "Assumptions should be provided in the manner set forth in this Part I Administrative, Section 3.2 Content of Technical Proposal (Proposal Section 6)."	Addendum 9



518	Q&A page 32	Follow up to question 128, answered in Addendum 7	From D-7 Price Proposal, Tabs 2-1 & 2-2, Item 6.	Per Q&A #128 "assume all required cabinets shown in the Standard Drawings are provided by other."  Should the bidders also exclude the costs for installing cabinets from their estimates?	Yes, assume cabinets shown in Attachment 9 are installed when the Contractor receives access to the site.  Any additional cabinets required by the proposer must be provisioned and installed at their cost.	Addendum 9
519	From D-7 Price Proposal, Tabs 2-1 & 2-2, Item 6	Follow up to question 128, answered in Addendum 8	From D-7 Price Proposal, Tabs 2-1 & 2-2, Item 6.	Regarding Question 128, which states, "assume all required cabinets shown in the Standard Drawings are provided by other."  Should bidders assume that the cabinets provided and installed by "others" will have "ample space" for equipment and will be "Climate Controlled?"	Cabinet sizes are listed on the Pad Detail sheets in Attachment 9. Assume cabinets are climate controlled.	Addendum 9
520	Q&A page 7	Question 28	Audited Financial Statements	Given the restrictions on the formatting for pre-printed materials should the Proposer read the requirement for Audited Financial Statements to indicate full Annual reports are not needed but instead only financial statements should be provided?	Yes. NCTA is okay with the Financial Statements.	Addendum 9
521	Q&A page 22	Question 85	Submission of Technical Proposal	Should each USB drive include a copy of the redacted proposal or does the Authority require a separate USB with one (1) copy of the redacted proposal?	Submit only 1 redacted version in a separate USB drive.  To clarify: Submit 1 USB with a redacted version & 5 USB with the unredacted version, totaling 6 USBs.	Addendum 9
522	Part I, Page 27; Part III, page 21  Q&A page 14	Question 51 & Addendum 8 Section 2.7 and Section 5	Training for Maintenance Staff	As Contractor will now provide Levels 1, 2 and 3 Maintenance, is the training to NCTA staff still required?	See updates in Addendum 8. Training had been removed for Level III but remains for levels 1 and 2.	Addendum 9
523	Part I, page 15	Question 69, 279	Extension of Proposal Deadline	Please extend the proposal deadline to 2 weeks after the receipt of all final Q&A responses from NCTA.	Proposal deadline has been extended per Addendum 9.	Addendum 9

524	Follow up to Q&A #387 in Addendum 8	RFP Part I	<p>H.6                      Proposal Section 6: Adherence to the Part III, Scope of Work and Requirements, Terms and Conditions and Requirements Conformance Matrix</p>	<p>Section H6 expressly establishes the possibility to present exceptions to the Terms and Conditions (“The Proposer must clearly identify any proposed exceptions to the Terms and Conditions in this Proposal Section 6, which will be considered in accordance with Part I, Administrative, Section 1.23 Contractual Obligations”).</p> <p>Proposer’s question regarded any preferred form and/or format for the allowed exceptions.</p> <p>Please clarify NCTA’s reply that no exceptions can be submitted as this section has not been revised in the most recent version of the RFP.</p> <p>Should the Proposer be able to present exceptions (as established in the RFP) please clarify if there is a specific form and/or format to include the exceptions to the Terms and Conditions within Proposal Section 6.</p>	Refer to the response to Question 501.	Addendum 9
525	Follow up to Q&A #390 in Addendum 8	Part IV	1.3.2 Actual Damages	<p>If a cure period for correction will be granted for each Project, will NCTA consider including an express reference to the same in the Terms and Conditions? Also, will NCTA consider including an additional period for the Proposer to present a plan for recovering the lost revenue, as the simple correction of the source doesn’t bring back the lost revenue?</p>	Events involving Actual Damages are assessed on a case-by-case basis. Generally, Actual damages have not been incurred until the Contractor proves unable, in NCTA's sole discretion, to recover damages incurred by NCTA within the terms of the Contract.	Addendum 9
526	Follow up to Q&A #392 in Addendum 8	Part IV	3.1.12 Default	No change has been requested by Proposer but only a clarification of the wording as the meaning is not completely clear. Please provide the requested clarification.	The contractor has 30 calendar days from when NCTA provides notice to cure to avoid termination.	Addendum 9
527	Follow up to Q&A #397 in Addendum 8	Part I	Table 1-2: Procurement Schedule	Please clarify the adjusted/final procurement schedule. Proposer would like to request that NCTA consider extending the due date of the proposal to at least two full weeks after issuance of the final clarifications and/or Addenda.	Proposal deadline has been extended per Addendum 9.	Addendum 9

528	Follow up to Q&A #135 in Addendum 6	Form D-6-Requirements Conformance Matrix AND Part III – Scope of Work and Requirements	RCM Req 227 and SOW Req 543 and Part III Section 1.2	Please confirm that the RTSC Contractor needs to provide and maintain their own ITSM as well as integrate it with NCDOT's ITSM Service Now.	Confirmed.	Addendum 9
529	Follow up to Q&A #298 in Addendum 8	Part III	Section 4.2.2.1 Item 288 AVDC System	<p>Requirement 255 states that "(Express Lanes Excluded) The RSS for AET Zones shall accurately detect the number of vehicle axles and include all data in the Toll Transaction."</p> <p>Requirement 292 also excludes Express lanes from the axle-based classification structure: "(Express Lanes Excluded) The NCTA vehicle classification structure for AET Lanes is defined as:</p> <ul style="list-style-type: none"> <li>a) Class 1 defined as a vehicle with 2 axles</li> <li>b) Class II defined as a vehicle with 3 axles</li> <li>c) Class III defined as a vehicle with 4 or more axles"</li> </ul> <p>Considering these two requirements, please confirm that the Contractor's RTCS needs to determine vehicle axle count for Express Lanes.</p>	Express lanes must produce both axle counts and vehicle length, width and height data but will only be assessed for accuracy performance based on the classification structure defined in requirement 291.	Addendum 9
530	Follow up to Q&A #376 in Addendum 8	Form 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.	Based on the provided response it is unclear whether the Contractor is permitted to use in-pavement sensors at the AET Lanes. Please confirm if the RTCS at the AET lanes can include in-pavement sensors.	AET lanes can include in-pavement sensors.	Addendum 9
531	Follow up to Q&A #415 in Addendum 6	Part III	4.2.2.3 Zone Controller Req. 293	Please confirm that the monthly volumes were provided for a single AET and a single Express Lanes site.	The numbers previously provided in response to question were in reference to facility traffic volumes. For Zone Level volumes, use 500,000 per month for AET and 300,000 per month for express lanes.	Addendum 9

532	Follow up to Q&A #396 in Addendum 8	Form D-7 Price Proposal		Please confirm if the maintenance values provided in the proposals will also apply to the Optional contracts. The Maintenance tabs in the pricing files still refer to "Base Contract and Optional Extensions."	"Optional Extension" artifacts have been removed from the Price Proposal Exhibit in Addendum 9.	Addendum 9
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