

# **STATEWIDE ROADSIDE TOLL COLLECTION SYSTEM REQUEST FOR PROPOSALS**

## **Addendum No. 7**

Issued June 16, 2023

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

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

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

All other terms, conditions and requirements of the latest RFP dated June 12, 2023 per Addendum 6, remain unchanged unless modified by this Addendum.

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

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

**Please Note:** The below list does NOT include all of the Proposer questions that NCTA has received. NCTA is continuing to work through all the submitted questions and will issue the remaining responses in another Addendum by the Week of June 26.

#	Page	Section	Section Title	Proposer Question	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 06.
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 06.

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

#	Page	Section	Section Title	Proposer Question	NCTA Response
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.
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).
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	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.”  Question: When and where will this O&M procurement be advertised, and will the RTSC bidders or awardees be allowed to bid on it?	See revisions to maintenance scope in Addendum 06.
6	PDF page 10	STCS-RFP.pdf, I.2 NCTA Facilities	1.2 NCTA Facilities	For “Metrolina Regional Transportation Management Center (MRTMC)”, the description states: “Additionally, they monitor roadside toll technology and facilities.”  Question: please elaborate on the extent of MRTMC’s responsibility in monitoring the vendor’s RTSC	Metrolina Regional Transportation Management Center roles may be responsible to monitor message signs or toll rates or environmental controls.

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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.
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.

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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.
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</p>	Proposers, including subcontractor(s), may be included to provide the references.

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				reference forms may come from either the prime or a Subcontractor, or both.	
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 06.
13	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.	NCTA will increase the page count for Sections 1-5 to 25 pages.  Provide high level approach to solution to address the prompts in Sections 1-5. Provide detailed responses to these prompts and adherence to the Scope of Work in Section 6.

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14	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>	<p>Exhibit D-6 is excluded from the Technical Proposal page count.</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>
15	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?	No.

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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 06.
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 06.
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.
24	Exhibits	D-1	Proposal Cover Sheet	The RFP says: “A Word version of the Proposal Cover Sheet is “paper clipped” to this NCTA RTCS Exhibits file for ease of completion.”  There does not seem to be an attachment. Would NCTA please provide the Word version?	Coversheet provided as Word attachment to exhibits in Addendum 06.



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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 06.
28	Part I, Pg 31	Section 4.1	formatting	May graphics and tables also contain a smaller, but legible font? Is pre-printed material also exempt from the font restrictions?	No
30	PDF Page 24	STCS-RFP.pdf, Part I – Administrative, 3.2 Content of Technical Proposals	3.2 Content of Technical Proposals	<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</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>

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				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.	
31	PDF Page 9	STCS-RFP.pdf, Part I – Administrative, 1.1 Background and Purpose, Table 1-1	Table 1-1: Project Responsibility Matrix	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.  Question: What Level I maintenance activities does NCTA anticipate will be done for the Transaction Reconciliation Host (TRH) by a third-party provider?	See revisions to maintenance scope in Addendum 06.
32	PDF page 28	STCS-RFP.pdf, D. Proposal Section 2: Key Team Qualifications	D. Proposal Section 2: Key Team Qualifications	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.	Confirmed.

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				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.	
33	PDF Page 38	STCS-RFP.pdf, Part I – Administrative, Section 4	4. Submission of Proposals.	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.  Question: Is it permissible to use a smaller font (but no less than 9-point) in graphics, tables and captions?	No.
37	PDF page 30	STCS-RFP.pdf, E. Proposal Section 3, item 2	E. Proposal Section 3: Approach to Scope of Work and Requirements	RFP Verbiage: Provide typical Proposers solution drawings for toll zones equipment layout.  Question: This procurement will potentially include different types of tolling and toll zones, from AET bridge to express lanes. Do proposers	Provide layouts for the configurations included in the Price Proposal sheet included in Addendum 06.

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				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.	
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	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.  Question: Please clarify what you mean by “how its Proposed System can operate without it.”	Contractor shall describe how their Express Lane system can meet requirements with or without Dynamic Pricing enabled.
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	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;  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?	No additional information is currently available.  Proposer shall include any information it deems necessary to proposer its solution to interface with a OBO.

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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.
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.
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</p>	Proposers may include existing Quality Control plans as an attachment if it meets the requirements of the RFP .

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				be an attachment to the proposal and not included in page count?	
45	PDF page 38	STCS-RFP.pdf, 4. Submission of Proposal	4.1 Submission of Technical Proposal, subsection 2. Page Presentation.	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.  Question: Does this mean that each of the 7 proposal sections has to start on a new page?	List whatever section the page ends with in the header/footer.
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	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, [...]  Question 1: Does this mean that manual image review is excluded from the SRTCS contract?  Question 2: Please clarify what process the	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.

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				following phrase refers to, in describing CBOS: “prior to sending transactions to the CBOS.”	
48	PDF Page 49	STCS-RFP.pdf, Part II Defined Terms and Acronyms, 1. Defined Terms	Part II Defined Terms and Acronyms, 1. Defined Terms	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?	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. "
50	PDF Page 78	STCS-RFP.pdf, Part III – Scope of Work and Requirements, 2.4 Installation Drawings	Part III – Scope of Work and Requirements, 2.4 Installation Drawings	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	Refer to Attachment 9 NCTA Standard Drawings, provided as part of Addendum 06.

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				<p>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>	
52	PDF Page 49	<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 Section1.2 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 06. Level 1, 3 and 3 maintenance services are provided by the RTCS Contractor.</p>



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53	PDF page 94	STCS-RFP.pdf, Part III – Scope of Work and Requirements, 2.10.4	2.10.4. Operational Back Office (OBO) Interface Requirements	<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>
54	PDF page 96	STCS-RFP.pdf, Part III – Scope of Work and Requirements, 2.10.7	2.10.7. General MOT Requirements and Conditions	<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.</p>	<p>1. No additional information is available at this time. Specific information will be available for each Task Order and provided at that time.</p> <p>2. Please see Attachment 9 NCTA Standard Drawings, provided as part of Addendum 06.</p>

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				<p>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>	
55	PDF page 96	STCS-RFP.pdf, Part III – Scope of Work and Requirements, 2.10.7	2.10.7. General MOT Requirements and Conditions	<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 06. Location specific MOT conditions and pricing will be addressed in future Task Orders.</p>

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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.
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.
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.
60				The RFP docs did not include form D-7 Pricing Sheets and the Excel version is not on the	Updated pricing forms provided with Addendum 06.

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				website for downloading. When will these be provided?	
61				Was the price file uploaded to the website?	Updated pricing forms provided with Addendum 06.
62				Will NCTA send price sheet in excel format?	Updated pricing forms provided with Addendum 06.
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 06.
64				Can you please indicate where the pricing sheets are located? In native Excel?	Updated pricing forms provided with Addendum 06.
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

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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
67				Will NCTA disclose the number of vendors that will be selected, to be on the bench?	No
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.
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	Will the State of North Carolina accept our USB Flash Drives in a BitLocker encrypted format?	No

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			any proprietary or intellectual property.		
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.
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.

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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.
94	11 of 37	Exh D-2 & I.2.6.4	Form (D-2 List of Subcontractors and RS-2)	Exh D-2 & I.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.
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 <b>per project in future Task Orders</b> . in Attachment 3: I-5507 Constructor Plans & Requirements."
109	85	5.4, Item 545	Attachment reference	Requirement references <i>Attachment 10: Additional Toll Site System Details for more details</i> .	MOT requirements updated in Addendum 06.

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				<i>Please provide Attachment 10.</i>	
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>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 <b>3</b>: 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>
115	RFP Page 151	STCS-RFP.pdf, Part III – Scope of Work and Requirements, 6.1.1.	Table 2: RTCS Performance Requirements, item 3	<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</p>	<p>1. Images are not sent to CBOS/OBO for AVI transactions.</p> <p>2. Manual IVS requirement is detailed in KPI 5.</p>



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		Performance Measurement		<p>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>	3. Exceptions are assessed on a case by case basis.
116	PDF Page 96	STCS-RFP.pdf, Part III – Scope of Work and Requirements, 2.10.7., Req. 163	2.10.7 General MOT Requirements and Conditions	<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>	The requirement associated with this comment was removed in Addendum 06.
117	PDF Page 105	STCS-RFP.pdf , Part III – Scope of Work and	3.1.5. Wrong-Way Vehicle Detection System	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	Introduction to section 3.1.5 Wrong-Way Vehicle Detection System revised to state: "If Deployed, the Contractor shall

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#	Page	Section	Section Title	Proposer Question	NCTA Response
		Requirements, 3.1.5		<p>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>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>
118	PDF Page 106	STCS-RFP.pdf , Part III – Scope of Work and Requirements, 3.1.5	3.1.5. Wrong-Way Vehicle Detection System, Req. 240	<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 Constructor 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. 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>

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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>	Proposer to determine how to collect images as detailed in the RFP and detail as needed in the proposal.
122		Form D-6-Requirements Conformance Matrix	Requirement 80	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	Details to be provided with applicable task order. Examples include CBO/OBO ICD and integration of an IT services and

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				<p>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>operation management platform</p>
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 in future task orders. Attachment 9 NCTA Standard Drawings have been provided for reference of typical toll facility design in Addendum 06.</p>
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</p>	<p>Details to be provided in future task orders. Attachment 9 NCTA Standard Drawings have been provided for reference of</p>

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				<p>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>typical toll facility design in Addendum 06.</p>
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>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>
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>Reference Attachment 3 Data Dictionary for detailed data element requirements.</p>

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				Question: As CBOS is not part of this project, please provide details on "financial aspects of the RTCS"	
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>	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.
131		Form D-6-Requirements Conformance Matrix	Requirement 162	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.	Requirement 162 removed in Addendum 06. Project specific conditions will be included in future Task Orders.

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				Question: Please, provide Construction schedules to properly plan and price lane closures in order to reduce cost to NCTA	
140		Form D-6-Requirements Conformance Matrix	Requirement 390	RFP Wording: f) CEMS; g) ACSMS Question: Please, confirm that Contractor' scope is limited to Road Cabinets.	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.
163	N/A	D-7 Price Proposal	D-7 Price Proposal, 2-1 Backup AET Roadside	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.	Exhibit D-7 Price Proposal updated in Addendum 06.

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164	N/A	Form D-7 Price Proposal	D-7 Price Proposal, 2-1 Backup AET Roadside	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?	Proposer to price as their solution applies to the pricing sheet. State any applicable assumptions.
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.
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.



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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.
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.
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.
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.
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.
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.
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.
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.
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.

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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.
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.
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.
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.
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.
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.
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.

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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.
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.
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.
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.
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 Contractors and the Best Value Proposer will be chosen.
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	Exhibit D-7 Price Proposal updated in Addendum 06.

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				evaluate similar priced roadways. For Express Lanes, is the correct assumption one travel lane and one drivable shoulder?	
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>
204	21	RFP Part I	D. Proposal Section 2: Key Team Qualifications	Will NCTA make available to contractors workspace (NCTA storage facility) that contractors use during the project Implementation, Installation, integration & Testing Phase for contractors to use for	Proposer should plan to provision all storage and office facilities needed to implement and operate these projects.

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				equipment storage and equipment staging to utilize if needed?	
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
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.
215	54	RFP Part III	4.3.1 Transaction Reconciliation Host (TRH); #350	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	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.  Assume the location from which the interface is accessed is unknown at this time.

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				via VPN, therefore IP restrictions can be strictly enforced?	
219	66	RFP Part III	4.4.3 Image Verification Services; #448	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?	ROI is required for revenue plate based on business rules.
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.
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.
227	89	RFP Part III	6.1.1 Performance Measurement; Table 2	Table 2: RTCS Performance Requirements, PR10 Classification Accuracy: Request clarifying PR to	Refer to functional requirements. Classification

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				only be applicable to approved volumetric measurements provided by the sensors.	system may vary by project type.
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.
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.
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.

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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.
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.
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.
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.
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.
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.



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#	Page	Section	Section Title	Proposer Question	NCTA Response
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.
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.
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.
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.
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	Yes

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				bidders should use for Image Review Services (Start of year-1)?	
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 06 and will be addressed in future Task Orders.
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
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.
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	Preliminary Schedules to be provided with future Task Order proposals.

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				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".	
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.
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.

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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.
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.
264	116 of 212 (RFP)	Part III - 4. Roadside Toll Collection System Project, Design, Testing and Implementation	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.

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		Documentation Requirements			
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.	Proposer to present their best solution among options available.
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.
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.

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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.
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.
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	No change to RFP.

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				deductions related to negative system performance as well?	
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 06.
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 06.
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.
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.

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279	26 of 37	2		Please provide 4-week extension for proposal submittal.	The procurement timeline will be assessed and adjusted as appropriate.
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 06.
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.
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.
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.



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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> <ul style="list-style-type: none"> <li>a. a list of the tools the ITS components shall be integrated with</li> <li>b. what level of access will be provided by NCTA to allow vendors to integrate the ITS components with these tools</li> </ul>	<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>
285	41 of 104	<p>Part III., 3.1.3</p> <p>Price sheet 2-1</p> <p>Price sheet 2-3</p>	<p>Communications</p> <p>Backup AET RSS Cost Schedule</p> <p>Backup EXP RSS 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>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>

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286	41 of 104	Part III., 3.1.3 Price Sheet 2-2 Price Sheet 2-4	Communication  Backup AET ITS Equipment Cost Schedule  Backup EXP ITS Equipment Cost Schedule	<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>
287	43 of 104	Part III., 4 Price Sheet 2-2 Price Sheet 2-4	RTCS (includes RSS and ITS) Functional Requirements  Backup AET ITS Equipment Cost Schedule  Backup EXP ITS Equipment Cost Schedule	<p>Price sheets 2-2 and 2-4 require unit prices for a DMS (used for travel time messages) and note s 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</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>

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				to same requirements, please provide the requirements for the DMS that is to be priced.	
288	52 of 104	Part III., 4.2.2.13 Price Sheet 2-2 Price Sheet 2-4	Uninterruptible Power Supply (UPS)  Backup AET ITS Equipment Cost Schedule  Backup EXP ITS Equipment Cost Schedule	Requirement 337 identifies that all roadside Hardware and Equipment required to operate the RSS shall be on UPS.  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?  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?	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.
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 the supported by the UPS, please confirm what these items will be.	Only include UPS pricing for Toll Equipment for purpose of this proposal.
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	ITS pricing has been removed from the pricing sheets in Addendum 06. ITS related pricing and associated details

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				support the ITS equipment on battery for a minimum of 2 hours?	will be provided in future Task Orders.
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.
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	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.

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			Equipment Cost Schedule		
295		Price Sheet 2-1 Price Sheet 2-3	Backup AET RSS Cost Schedule Backup EXP RSS Cost Schedule	<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>
296	31 of 104	Part III, 2.10.3 Price Sheet 2-1	RSS Installation Requirements Backup AET RSS Cost Schedule	<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>

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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.
302	88 of 104	Part III, 4.2.1 Part III, 6.1.1 Table 2	General RSS Functional Requirements RTCS Performance Requirements	<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>	Image Capture and Transmission Accuracy updated in Addendum 06 to state: "Provide front and <b>rear</b> overview images and ROI for all transactions (AVI and Image-Based) to OBO 99.95% or more."
303	44 of 104	Part IV, 4.2.1	General RSS Functional Requirements Conformance Matrix	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.”	NCTA could not find the language identified in this question as part of requirement 277 within the RFP.

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				<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>	
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.
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.
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.
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.”	<p>Please refer to Exhibit C for Price Proposal Instructions.</p> <p>The CPI calculation will be determined for each Task Order.</p>

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				<p>Where can the Price Proposal Instructions be found?</p> <p>Please provide an example of the CPI calculation including base year and what Federal Index will be used.</p>	
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.
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.
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
323	101 of 104	Part III, Scope of Work and Requirements	5.4 Maintenance of traffic	<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.”</p> <p>Since this scope does not appear to include</p>	MOT pricing has been removed from the RFP and will be included, as applicable in future Task Orders.



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				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).	
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 a or its Level I/Level II supplier sign NDA’s?	Yes.
326	38 of 40	Part IV, Terms and Conditions	Section 3.7.25 Taxes	The section states, “Agencies of the State may have additional exemptions or exclusions for Federal or State taxes.”  Is NCTA exempt from State of North Carolina Sales Tax?  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?	No, NCTA Contractors are not exempt from North Carolina Sales Tax.

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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>	<p>The Contractor shall assume that the Conduit will be provided to the toll equipment pad as shown in the AET Standard Drawings</p>
329	Forms	Form D-7 Price Proposal	<p>Sheet 2-1 Backup AET Roadside</p> <p>Sheet 2-3 Backup EXP Roadside</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>	<p>Exhibit D-7 Price Proposal updated in Addendum 06.</p>

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				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.	
330	Forms	Form D-7 Price Proposal	Sheet 2-1 Backup AET Roadside & Sheet 2-3 Backup EXP Roadside	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.	Exhibit D-7 Price Proposal updated in Addendum 06.
331	2 of 37	Part I, Table 1-1	Project Responsibility Matrix	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	This will be determined for each Task Order. Assume HVAC units are provided by others for this pricing.

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				please clarify if the Contractor is to provide the HVAC units and include in the pricing.	
332	2 of 37	Part I, Table 1-1	Project Responsibility Matrix	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.	This will be determined for each Task Order. Assume generators are provided by others for this pricing.
334		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> ." <a href="#">Will the Authority please post the native Excel pricing sheets? No sheets are currently visible on Connect.ncdot.gov.</a>	Exhibit D-7 Price Proposal updated in Addendum 06.
335		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	Procurement timeline is assessed and adjusted by NCTA as applicable.

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				subcontractors and DBE contractors, specifically, are requesting additional time to accurately and competitively evaluate and price for their respective scope.	
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>
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</i></p>	<p>Introduction to section 3.1.5 Wrong-Way Vehicle Detection System revised in Addendum 06 to state: "If Deployed, the</p>

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				<p><i>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>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>
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>
339	Part III, Page	6	Image Transaction Complete and Timely Transmission to OBO if image verification	<p><i>Within 120 hours of the transaction date/time for 99.995% of the transactions.</i></p>	<p>No. this is for all toll transactions.</p>

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	88 of 104		services are provided by the Contractor.	<i>Does this include only those transactions that are eligible to be posted?</i>	
340	96	2.10.7	Attachment 3: I-5507 Constructor Plans & Requirements.	Will the Authority please instruct to where can we find this attachment?	Requirements related to MOT have been revised in Addendum 06. The attachment referenced in this comment is no longer relevant.
341		SOW/RCM	Req 185	<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>	NCTA anticipates Contractor participation in meetings. NCTA also anticipates this to include a RFI Process.
342		SOW/RCM	Req 155	<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.  Items with manhole frames are within the scope of the Constructor Could item c) be changed to "Bond all conduits, manhole frames, and other</i>	No change.

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				<i>conductive items to the grounding system in conformance with the NEC."</i>	
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.
344		SOW/RCM	211	<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</i>	No change.



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				<p><i>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>	
346		SOW/RCM	216	<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</i></p>	<p>This will be determined for each Task Order. Assume this work will be completed by others for this pricing.</p>

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				<p><i>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>	
347		SOW/RCM	220	<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>	Attachment 9 - NCTA Standard Drawings has been provided as part of Addendum 06 for reference. Designs may vary in future projects.

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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.
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.

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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.
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>	Refer to Part I Administrative, Part III Scope of Work and Requirements and all Attachments.
354	3 of 40	Damages	1.3 Liquidated Damages	<p><u><i>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.</i></u></p> <p><u><i>Can you please confirm that claims related to</i></u></p>	Confirmed.

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				<i>Punitive, Consequential and Incidental type damages will be excluded for both Parties?</i>	
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.
356	4 of 40	Audits and Financial Reporting	1.4.2 Audit and Examination of Records	<p><i>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.</i></p> <p><i>Can you please confirm that the availability of proposal records shall be those records required to support invoices?</i></p>	Yes
357				Can you please confirm that records pertaining to internal cost and rates are permissibly excluded from disclosure?	No.
358		Contractor Cooperation	3. Interface Control Document Development and	<i>The Contractor shall reasonably cooperate with NCTA and its designated contractor(s) as necessary to develop interface control</i>	Yes.

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			Ongoing Cooperation Requirements	<i>documents (ICDs) as set forth in Part III, Scope of Work and Requirements</i>  <i>Can you please confirm that ICD development requirements shall be defined in writing?</i>	
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
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.
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.
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.
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.

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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><i>Can you please confirm the process to</i></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>

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				<i>determine compliant subcontractor insurance thresholds for subcontracts, particularly small business subcontractors and subcontracts with low dollar contract values? Can you please confirm when a waiver request would be required?</i>	
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 Proposer shall list 3rd party software, such as COTS software that prohibits assignment and transfer in its Technical Proposal.
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.



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

### **REVISIONS: Following are the revisions to the RFP documents for Addendum #7**

- I. SRTCS Form D-2 RS-2 Subcontract has been added to the Exhibits pdf.