

Complete 540 Phase 2 Roadside Support System Request For Proposals

Addendum No. 2

Issued: April 17, 2026

This is an addendum to the Complete 540 Phase 2 Roadside Support 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 C540 P2 RFP

All other terms, conditions and requirements of the original RFP dated March 9, 2026, remain unchanged unless modified by this Addendum.

Section A: Official Log of Vendors' questions and NCTA's responses

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

#	Page	Section	Section Description	Proposer Question	NCTA Response
Regulatory & Compliance Requirements per RFP Part I: Administrative					
1.	1-9	2.18	Certificate to Transact Business in NC	Does the Proposer need to acknowledge or provide proof of a Certificate of Authority to Transact Business in NC with the Technical Proposal or Price Proposal?	No. Only the successful Proposer ('Contractor') will be required to provide proof of this certificate after Notice of Award. Per this Addendum 2, language has been added to RFP Part I, Sections 2.18 and 5.1 for clarification.
2.	1-1	Part I, Sec. 2.20; Appendices A-G	Federal-Aid / HUB Compliance	The RFP includes extensive federal-aid provisions (Appendices A-F) and references DBE/HUB participation goals. Is there a specific DBE or HUB participation percentage goal for this procurement? If so, what categories of work count toward the goal, and is the goal mandatory or aspirational?	No, there is not a specific DBE or HUB participation percentage goal for this procurement. At this point, these programs are not mandatory.
3.	1-14	2.22	Prevailing Wages	Please confirm that the Prevailing Wage requirement only applies to workers while performing work in the State of North Carolina.	Correct.
4.	C540 Phase 2 RFP_1.0, PAGE N/A	N/A	N/A	Is any specific cybersecurity certification required?	No.
5.				Considering the nature of the Contract, is it possible to integrate other's Company means in order to apply for this tender?	NCTA does not understand this question. Subcontracting is addressed primarily in RFP Part I, Section 2.19.4, with other provisions in applicable RFP sections.
6.				Can the members or Entities of the same Group of Companies proceed to ceed technical and financial solvency/capacity/reliability?	NCTA does not understand this question. See response above to Question #5 regarding Subcontracting.

#	Page	Section	Section Description	Proposer Question	NCTA Response
Procurement Schedule					
7.	Part I, p. 14	3	Schedule	Would NCTA please allow for an additional week to ask questions?	Yes. Per Addendum 1, NCTA extended the Proposer Questions due date from March 25 to April 2.
8.	I-6	2.1.2	Submitting Questions during the Q&A Period	Will there be another question period provided to the short-listed Contractors?	No.
9.	C540 Phase 2 RFP_1.0.pdf, PAGE I-15	Table I-1: Procurement Schedule	Table I-1: Procurement Schedule	Please consider extending the Question deadline by a week to give bidders time to complete gap analysis.	Per Addendum 1, NCTA extended the Proposer Questions due date from March 25 to April 2.
10.	24	3. Schedule - I-14	Current deadline: According to the current procurement schedule, the deadline for submitting Technical Proposals is May 4, 2026 at 4:00 p.m. EDT	Considering the volume and level of detail required in the tender documentation, and with the aim of preparing a comprehensive and high-quality proposal, we respectfully request an extension of the submission deadline. We believe that additional time would allow us to further refine our proposal and ensure full compliance with all technical and administrative requirements.	Per this Addendum 2, NCTA extended the Technical Proposals due date from May 4 to May 18.
Procurement Evaluation Process					
11.	C540 Phase 2 RFP_1.0.pdf, PAGE I-17	4.3 Technical Proposal Scoring	Table I-2: Technical Proposal Elements and Maximum Possible Points Breakdown	Proposal Section 3: Approach to Scope of Work and Requirements gets 35 points. Proposal Section 6: Adherence to the Scope of Work & Requirements, Terms and Conditions, and Requirements Conformance Matrix gets only 5 points. Given that these two are related measures, it looks like what kind of system you are proposing is very important, whereas whether that cutting-edge system is compliant with the SOW requirements or not is 7 times less important.	Technical Proposal Section 3 and Section 6 are correlated. A Proposer's response to Technical Proposal Section 6 must track to and be consistent with their response to Technical Proposal Section 3. Proposers are advised that inconsistencies, gaps, or non-compliance with the scope of work and requirements may be reflected in the evaluation of both Technical Proposal Sections, not solely within Section 6.

#	Page	Section	Section Description	Proposer Question	NCTA Response
				Question: So, non-compliance with/non-adherence to technical requirements in the Scope of Work and Requirements Conformance Matrix, regardless of how wide-spread, only costs a bidder 5 evaluation points?	
12.	C540 Phase 2 RFP_1.0.pdf, PAGE 1-17	4.3 Technical Proposal Scoring	Table I-2: Technical Proposal Elements and Maximum Possible Points Breakdown	<p>Proposal Section 3: Approach to Scope of Work and Requirements gets 35 points. Proposal Section 6: Adherence to the Scope of Work & Requirements, Terms and Conditions, and Requirements Conformance Matrix gets only 5 points. Given that these two are related measures, it looks like what kind of system you are proposing is very important, whereas whether that cutting-edge system is compliant with the SOW requirements or not is 7 times less important.</p> <p>Question: So, non-compliance with/non-adherence to the terms in the Terms and Conditions, regardless of how wide-spread, only costs a bidder 5 evaluation points? That would contradict section H, I. 2., which states: "The Proposer shall submit its Proposal, including the Price Proposal, on the basis of the terms and conditions set out in Part V, Terms and Conditions. NCTA may reject any Proposal that is conditioned on the negotiation of Terms and Conditions set out in Part V, Terms and Conditions or to other provisions of the RFP as specifically identified above." Please clarify.</p>	<p>Per this Addendum 2, updates have been made to the response requirements for RFP Part IV, Section 1.1.1 – Proposal Section 6.</p> <p>For Technical Proposal Section 6, a Proposer's response to Items #1 – #3 is part of the evaluation and scoring; Item #4 is not. Please be advised that a Proposer's response to Item #4 is not reviewed until contract negotiations. If a Proposer identifies any exceptions to the Terms and Conditions, such exceptions will be reviewed and discussed between NCTA and the Proposer during negotiations. In the event that NCTA and the Proposer are unable to reach agreement on specific Terms and Conditions, NCTA reserves the right, at its sole discretion, to discontinue negotiations and proceed with the next highest-ranked Proposer or Proposers.</p>
13.	C540 Phase 2 RFP_1.0.pdf, PAGE 1-17 AND IV-2	4.3 Technical Proposal Scoring AND I. Technical Proposal Response and	Table I-2: Technical Proposal Elements and Maximum Possible Points Breakdown AND Table IV-1: Technical	Proposal Section 3: Approach to Scope of Work and Requirements which is limited to just 10 pages receives the largest number of points - 35 points. For this Proposal Section 3, the response requirements alone take 1.5 pages; furthermore, these response incorporate Part III, Scope of Work and Requirements by reference, asking respondents to address requirements "as specified" or "as discussed"	<p>NCTA will not be updating <i>Table I-2: Technical Proposal Elements & Maximum Possible Points Breakdown</i>.</p> <p>Per this Addendum 2, NCTA updated <i>Table IV-1: Technical Proposal Page Limitations</i> so that Sections 3-5 are limited to a combined total of 25 pages allowing Proposers the flexibility</p>

#	Page	Section	Section Description	Proposer Question	NCTA Response
		Submission Instructions	Proposal Page Limitations	<p>or "as set forth" Part III, Scope of Work and Requirements. There is no space within 10 pages to respond to address requirements "as specified" or "as discussed" or "as set forth" Part III, Scope of Work and Requirements, therefore the bulk of compliant technical proposal content will necessarily have to be included into Section 6: Adherence to the Scope of Work & Requirements, Terms and Conditions, and Requirements Conformance Matrix instead. Yet, Section 6 is given just 5 evaluation points.</p> <p>Question: Please consider switching the points, granting Section 6 the 35 points, and granting Section 3 the 5 points. Or consider merging the points for both sections, given that Section 6 requirements are incorporated by reference into Section 3 requirements. Finally, if neither of these changes are possible, please clarify how proposers should plan to compliantly respond within 10 pages to the requirements that themselves exceed 10 pages in size.</p>	to allocate pages among these Sections at their discretion.
14.	C540 Phase 2 RFP_1.0.pdf, PAGE 1-17	4.3 Technical Proposal Scoring	Table I-2: Technical Proposal Elements and Maximum Possible Points Breakdown	Optional offerings are not clearly weighted in the scoring rubric. Could the Authority please clarify the additional points that will be awarded to responders including "optional" services (ITS Maintenance and/ V2X) in their final proposal; or please outline how many points are allocated within the existing scoring for "optional" offerings?	<p>The "optional" offerings are required by Proposers, so they are evaluated along with all other scope items; they are not weighted any differently.</p> <p>The offerings marked as "optional" are offerings that NCTA may or may not elect to use.</p>
15.	I-18	Part I – 4.5	Price Proposal evaluation	As stated in the RFP, "The Evaluation Committee will review the Price Proposals and apply the quality credit as defined above. If the Price Proposal is within the acceptable range of the Engineer's Estimate or NCTA's Plan of Finance budget the Proposer with the lowest adjusted price will be	NCTA does not disclose the Engineer's Estimate or NCTA's Plan of Finance budget to Proposers.

#	Page	Section	Section Description	Proposer Question	NCTA Response
				selected". Can NCTA please share the Engineer's Estimate or NCTA's Plan of Finance budget?	
General – Defined Term					
16.	General	General	General	"Day" is referenced throughout the RFP documents. Please clarify if "Day" refers to a Calendar Day or a Business Day when used w/out an additional descriptor.	Per this Addendum 2, references to "Day" have been updated to "Calendar Day" or "Business Day" where applicable in various sections of the RFP.
Technical Proposal Content & Submission Instructions					
17.	IV-10	Part IV	1.2 Format of Technical Proposal	Would the State please consider email or upload submission.	NCTA will not be updating the form of the Technical Proposal submission. Proposers shall submit their Technical Proposal on a USB flash drive as outlined in RFP Part IV, Section 1.2.
18.	134	1.2. Format of Technical Proposal 1-a	Physical delivery of digital media: USB flash drives must be physically delivered by mail or to the reception desk of the NCTA office building in Morrisville, NC, before the date and time indicated.	Regarding the submission requirements, we understand that the tender documentation must be delivered physically on a USB flash drive enclosed in a sealed envelope at the Client's offices. In this regard, we would like to inquire whether alternative forms of digital submission could be considered, such as through a secure electronic platform or other digital means. We would greatly appreciate your guidance on both matters and remain at your disposal for any further information.	See response above to Question #17.
19.	IV-9	Table IV-3	Technical Proposal Forms and Submittal Checklist	Please confirm digital notarization and signature are permitted where required for the Technical Proposal and Price Proposal Forms.	Confirming that digital notarization and signature are permitted where required.
20.	126 of 178	Part IV - Proposal Content	1.1 - Content of Technical Proposal	The content proposers are to submit does not include a table of contents. Please confirm a table of contents is not required.	A Table of Contents is not required; however, Proposers may include one at their discretion if they believe it will enhance the organization and readability of their submission.

#	Page	Section	Section Description	Proposer Question	NCTA Response
					If a Proposer includes a Table of Contents, be advised that per RFP Part IV, Section 1.1 – “Assigned page limits exclude all tables of content, list of tables, or list of figures.”.
21.	IV-10	Part IV:	Proposal Content	Several requested documents/samples do not comply with font restrictions and they are not available in a native MS Office format for font adjustments. Please confirm that it is permissible to submit those documents as is.	Proposers may submit requested documents and/or sample materials in their original format where such documents are native to the Proposer’s firm and/or pre-existing. In these instances, compliance with the specified font requirements is not required. However, for all other portions of the Technical Proposal that are created or can be reasonably modified by the Proposer, the stated font requirements shall be followed.
22.	IV-10	Part IV	Section K. Proposal Appendices	We will be submitting some pre-existing documents (e.g., financial reports) that have existing page numbering and some pages may not be numbered. Because these are long and complex documents, please confirm we may leave them unaltered?	Confirming Proposers do not need to alter their audited financial statements. See response above to Question #21.
23.	IV-10	Part IV	Section K. Proposal Appendices	Given the length of our audited financial statements (more than 200 pages), we respectfully request to provide them as a hyper-link only.	Proposers may provide a hyperlink to their audited financial statements in lieu of submitting it as Appendix I. The hyperlink must be clearly identified and included within <i>Technical Proposal Section I: Proposer Qualifications</i> . Proposers are responsible for ensuring that the link is functional, accessible, and directs evaluators to the complete audited financial statements.
24.	C540 Phase 2 RFP_1.0, PAGE 135	1.2.	Format of Technical Proposal	Does NCTA have a required document page margin for submission? For example, 0.5 or 1 inch margins?	Use Normal 1-inch margins.
25.	C540 Phase 2 RFP_1.0, PAGE 135	1.2.	Format of Technical Proposal	Does NCTA have a required document size e.g. 8.5x11 inches?	Use standard 8.5 x 11 inches document size.

#	Page	Section	Section Description	Proposer Question	NCTA Response
26.	C540 Phase 2 RFP_1.0 , PAGE 135	1.2.	Format of Technical Proposal	Can diagrams or large, detailed images be posted in landscape format and/or larger than 8.5x11 to help show detail?	For diagrams, drawings, and/or flowcharts that are to be provided as an Appendix – These can be posted in landscape format and/or larger than 8.5 x 11, if needed. Additionally, see NCTA’s response to Question #41 below.
27.	IV-11	1.2 Format of Technical Proposal; Item #3	Format of Technical Proposal	Some of the required forms are not in the font and size specified for responses. Please confirm that these forms are exempt from the formatting requirements of the Technical Proposal.	Correct. All Exhibits to be filled out by Proposers are exempt from the formatting requirements of the Technical Proposal.
28.	IV-11	Part IV	1.2. Format of Technical Proposal	The RFP requires Bidders to respond using 12-point font. May Bidders use a smaller, still readable font for each of the following: a) requirement text b) exhibits/figures/graphics c) tables.	Yes. Per this Addendum 2, RFP Part IV, Section 1.2 (Item # 3) has been updated as follows: “NCTA will not be responsible for reviewing portions of proposals with illegible text. Non-body text elements such as Headers and footers, exhibits, figures, graphics, and tables may be in different size fonts from that specified but no less than 9-point font.”.
29.	Part IV, p. 2	1.1	Content of Technical Proposal	May we also use a smaller, but still legible font size, such as Times New Roman 9 pt, for tables and figures?	Yes. See response above to Question #28. No less than 9-point font.
30.	p. IV-11 Part IV: Proposal Content	1.2. Format of Technical Proposal	Page Presentation	Can Respondents use Times New Roman at a reduced font size for tables, figure titles, and similar non-body text elements, provided that all content remains clearly legible and accessible?	Yes. See response above to Question #28. No less than 9-point font.
31.	C540 Phase 2 RFP_1.0 , PAGE 126	1. Technical Proposal Response and Submission Instructions	1.1. Content of Technical Proposal	In this section, NCTA writes, "Proposers shall use Times New Roman 12-point font." Does this font size restriction also apply to figures, diagrams, captions, and tables?	No. See response above to Question #28. No less than 9-point font.
32.	IV-2	1.1	Content of Technical Proposal	To help provide a compliant response through the sections with page count restrictions, would the	Yes. See response above to Question #28. No less than 9-point font.

#	Page	Section	Section Description	Proposer Question	NCTA Response
				Authority allow for a smaller font size in tables and graphics?	
33.	p. IV-11 Part IV: Proposal Content	1.2. Format of Technical Proposal	Easy to Read and Cross-Reference	<p>This section states that Proposers “need not duplicate or quote in detail from attached reference materials,” and instead should provide summaries with clear cross-references.</p> <p>Would the Authority please confirm whether including the original client question or requirement text from the RFP preceding each response is acceptable, or if this would be considered unnecessary duplication under this requirement?</p>	<p>For each Technical Proposal Section, Proposers are required to number and provide the requested information in the specific order outlined in each Technical Proposal Section.</p> <p>The original client question or requirement text from the RFP is not required; however, Proposers may include at their discretion if they believe it will enhance the organization and readability of their submission.</p>
34.	p. IV-2 Part IV: Proposal Content	1.1.a. Proposal Cover Sheet	Proposal Cover Sheet	<p>This sections requests “The cover sheet for the completed Proposal, provided as Exhibit C-1: Proposal Cover Sheet shall be included at the front of the Technical Proposal package submitted to NCTA.”</p> <p>Would the Authority please confirm:</p> <ol style="list-style-type: none"> 1. Can Respondents also include a branded cover page in addition to Exhibit C-1? 2. Is Exhibit C-1 required to be maintained as a standalone page inserted at the front of the final PDF submission, or may Respondents reproduce and integrate the Exhibit C-1 content within the main Technical Proposal document (excluding NCTA header and footer), provided that all required content, formatting, and fields remain unchanged? 	<ol style="list-style-type: none"> 1. Yes 2. Exhibit C-1 is required to be a standalone page inserted at the front of PDF File 1. Do not reproduce/re-create Exhibit C-1.
35.	p. IV-4	Proposal Section 2:	E. Key Team Qualifications	Proposers are asked to “Please number and provide the information in the specific format provided below.”	Yes. Per this Addendum 2, the numbering in RFP Part IV, Section 1.1.E has been corrected to be #1-4.

#	Page	Section	Section Description	Proposer Question	NCTA Response
				<p>The first number following section E: <i>Proposal Section 2: Key Team Qualifications</i> begins with #4.</p> <p>Would the Authority please confirm this should be #1-4.</p>	
36.	IV-4	I.1.E	Proposal Section 2: Key Team Qualifications	The numbering begins with the number 4. Should the numbering begin with number 1?	Yes. See above response to Question #35.
37.	IV-4	I - Technical Proposal Response and Submission Instructions	E. Proposal Section 2: Key Team Qualifications	Can the Authority confirm that the first item in this section is intended to be numbered 1, and that there is no missing information? Currently it begins with item 4.	Yes. See above response to Question #35.
38.	p. IV-4 Part IV: Proposal Content	E 6: Proposal Section 2: Key Team Qualifications	Key Team Resumes	<p>This section requests that Respondents “provide resumes (not to exceed two (2) pages per team member) for each of the Key Team Members.”</p> <p>Would the Authority please confirm that resumes are required only for the proposed Prime personnel assigned to each role, and that resumes for successors are not required?</p>	<p>Proposers are required to provide a resume for each proposed primary AND successor key team member.</p> <p>Per this Addendum 2, clarification language has been added to RFP Part IV, Section I.1.E (Item #3).</p>
39.	C540 Phase 2 RFP_1.0, PAGE 129	I. Technical Proposal Response and Submission Instructions	I.1. Content of Technical Proposal, Subsection E	NCTA requests that Proposers complete the "Table IV-2 Key Team Personnel Roles and Commitments," and include it in section E. Proposal Section 2: Key Team Qualifications of the proposal. Can we modify this table to include additional information beyond what is requested, or does NCTA only want the exact information, in this exact format, in the proposals?	<p>Proposers are to use the format of Table IV-2 in their response, no modifications to this table format.</p> <p>If Proposers want to provide additional information beyond what is requested, they may provide it in <i>Technical Proposal Section 2: Key Team Qualifications</i> if it's separate from Table IV-2 and within the page count limitations for this Section.</p>

#	Page	Section	Section Description	Proposer Question	NCTA Response
40.	Part IV, p. 3-4	I.1.D	D. Proposal Section I: Proposer Qualifications, #5	<p>RFP language: "A copy of the Proposer's audited financial statements for the past two consecutive years as Appendix I. (Include in Proposal Section 7 and note in your response to this item that it has been provided in Proposal Section 7.)"</p> <p>Question: RFP language points to inclusion in both Appendix I and Proposal Section 7. Please confirm that audited financial statements are to be Appendix I.</p>	<p>Correct. The audited financial statements are to be provided as Appendix I.</p> <p>Per this Addendum 2, the language in RFP Part IV, Section I.1.D. (Item #5) has been updated for clarity.</p>
41.	Part IV, p. 6	I.1.F	F. Proposal Section 3: Approach to Scope of Work and Requirements; #5	<p>RFP language: "5. Describe clearly and with the aid of diagrams and flow charts the proposed System transaction processing logic from the initial sensor detection and transaction creation until the Toll Transaction and any related meta data or transactions is posted to the OBO; all updates are made to the Toll Transaction including the timing of such updates and how Toll Transactions are reconciled in the RTCS and between the RTCS and the OBO. Explain how the Proposer's System processes and frames vehicle transactions."</p> <p>Question: May vendors include these diagrams as an appendix that is outside of the page limitation?</p>	<p>Per this Addendum 2, the language in RFP Part IV, Section I.1.F. (Item #5) has been updated to provide Proposers with the option to provide diagrams/flowcharts as an Appendix. Additionally, see language updates to RFP Part IV, Section I.1.K and Part IV, Section I.2. for updated Appendices requirements.</p>
42.	IV-6	Section 3, item #5	Approach to Scope of Work and Requirements	Based on the 10-page limit, please confirm diagrams and flow charts can be included in the Appendix.	See response above to Question #41.
43.	IV-6	Section 3, item #6	Approach to Scope of Work and Requirements	Based on the 10 page limit, if we are using diagrams and flow charts in our response, please confirm they can be included in the Appendix.	See response above to Question #41.
44.	IV-6	F. Proposal Section 3; Items #1 and 2	Approach to Scope of Work and Requirements	Please confirm where Proposers should include Appendices for drawings requested in F.1 and F.2.	See response above to Question #41.

#	Page	Section	Section Description	Proposer Question	NCTA Response
45.	IV-10	I - Technical Proposal Response and Submission Instructions	I.2 Format of Technical Proposal	For the drawings requested in proposal section 3: Approach to SOW and Requirements (3.1- solution to meet availability requirements) and (3.2-toll zones equipment layout), should these be uploaded as separate pdfs in the same manner as appendix 1: audited financial statements, and 2: preliminary BOM? Please clarify.	See response above to Question #41.
46.	IV-10	I - Technical Proposal Response and Submission Instructions	Proposal Section 6: Adherence to the Scope of Work and Requirements, Terms and Conditions and Requirements Conformance Matrix, item I/a.	As section 7 proposal items are submitted as a separate pdf file, does the authority want the Excel version of the RCM uploaded as a separate .xlsx file?	Yes.
47.	C540 Phase 2 RFP_1.0, PAGE 132	Section 6	ADHERENCE TO SCOPE OF WORK AND REQUIREMENTS, TERMS AND CONDITIONS AND REQUIREMENTS CONFORMANCE MATRIX	<p>On RFP page 132, the title of this section is designated "Proposal Section 6: Adherence to the Scope of Work and Requirements, Terms and Conditions and Requirements Conformance Matrix"</p> <p>The sub-bullets beneath this header refer to what should be described in this section. However, they do not specifically ask us to describe how we will adhere to scope of work requirements.</p> <p>Please confirm that this is the space in the technical proposal where we should describe how we will meet the scope of work and requirements described in the SOW. For example:</p> <ol style="list-style-type: none"> 1. SOW 3. Roadside Support System Project Design, Testing, and Implementation Documentation Requirements 2. SOW 3.2. RTCS Project Management Plan 3. SOW 3.3. System Detailed Design Document 	<p>Yes. Technical Proposal Section 6 is where Proposers should describe how they will meet the scope of work and requirements.</p> <p>Per this Addendum 2, a new item has been added to RFP Part IV, Section 1.1.I which states: "Proposers shall detail their adherence to the requirements contained in Part III, Scope of Work & Requirements".</p>

#	Page	Section	Section Description	Proposer Question	NCTA Response
48.	Part IV; p. IV-2	I.1	I.1. Content of Technical Proposal	Due to the requirements for descriptions of our company qualifications and experience, as well as descriptions of the Key Team Members' experience in addition to completing Table IV-2 as part of Section 2, would NCTA please consider increasing the combined page limit for Section 1: Proposer Qualifications and Section 2: Key Team Qualifications to a total of 10 pages for both sections combined? This will ensure we can provide important detail in our descriptions.	NCTA will not be increasing the combined page count limit for Technical Proposal Section 1 & Section 2.
49.	IV-2	I - Technical Proposal Response and Submission Instructions	Table IV-1 Technical Proposal Page Limitations	In order to provide a compliant response that provides NCTA a clear understanding of the system and services being proposed, would the authority please increase the page count in the technical proposal sections that have restrictions?	NCTA will not be increasing the Technical Proposal page count limits.
50.	126 of 178	Part IV - Proposal Content	I.1 - Content of Technical Proposal	Will a project schedule that conforms to Exhibit A be required in the Technical Proposal submittal?	A detailed project schedule is not a Technical Proposal submittal requirement. Per RFP Part IV, Section I.1.G, the Proposer is to discuss how they intend to meet or exceed the project timeline in Exhibit A: Project Implementation Schedule.
51.	C540 Phase 2 RFP_1.0, PAGE 137	2.2	Format of Price Proposal	The RFP states: "I. Form of Price Proposal. Submit Price Proposals only electronically on a USB flash drive." Although very rare, it does happen that USB drives use storage media that is not 100% reliable and do occasionally fail. Would it be acceptable to include a duplicate drive to ensure the data is safe?	NCTA will not be updating the form of the Price Proposal submission. Proposers shall submit their Price Proposal on a USB flash drive as outlined in RFP Part IV, Section 2.2.

#	Page	Section	Section Description	Proposer Question	NCTA Response
RFP Part III, Scope of Work & Requirements					
52.				Confirm if the total number of gantries is 12 in a 2 lanes + Shoulder + 3 lanes + Shoulder configuration	Per Addendum 2, updates have been made to 1) Attachment 4: Infrastructure Design Drawings and 2) RFP Part III, Section I Project Overview. Note: Reference the latest version of the Attachments file and RFP file on the NCTA Connect Site .
53.				How many lanes are there for the Complete 540 Phase 2 Project?	See response above to Question #52.
54.				How long are the shoulders for this Project?	See response above to Question #52.
55.				Please provide traffic volumes expected.	Refer to Attachment 8: Future Transaction Projections .
56.				What is your preferred cloud?	No preference.
57.				Is the wrong-way detection requirement expected to be fulfilled using the toll imaging system or through separate roadside sensors?	Either option is available. The Proposer shall determine the appropriate solution and detail it in their Proposal, while understanding the restrictions of the provided infrastructure.
58.				Will vendors have access to stored vehicle images and transaction data for testing, validation, and system optimization during implementation?	No, but Proposers can include methods to collect this data themselves in their Proposal.
59.				Are there preferred technologies for determining vehicle dimensions (length, height, width), or will alternative approaches be evaluated as long as performance requirements are met?	NCTA does not have preference in the technology used, as long as it's proven accurate.
60.				Are we just looking at ALPR from imaging or also other characteristics of the vehicle like color? Make/Model? etc.	Only ALPR.

#	Page	Section	Section Description	Proposer Question	NCTA Response
61.				Does NCTA have a preferred architecture for where image processing (e.g., ALPR or analytics) should occur — at the roadside gantry or within centralized infrastructure?	No preference.
62.	C540 Phase 2 RFP_1.0, PAGE III-2	Part III SOW&Reqs	I. Project Overview	We heard in the kickoff meeting there were something like 11 sites with a total of 55 lanes. The project overview map shows Phase 1 as sites 1-7 and Phase 2 as sites 8-13. Is the winning contractor installing anything on phase 1 or just phase 2? If it is just phase 2, can you please confirm the quantity of sites and the amount of lanes at each site?	This Project scope only includes toll sites for Phase 2. See response above to Question #52.
63.	C540 Phase 2 RFP_1.0.pdf, PAGE III-2 & III-3	I & 2	Project Overview & Summary Scope of Work	In "I. Project Overview" the Authority wrote "ITS Maintenance (Optional)" but in "2. Summary of Scope of Work" ITS Maintenance is included as an expectation. Can the authority confirm that ITS Maintenance must be included in the project and define the scope for the expected ITS Maintenance? There are stated requirements for DMS, MVD, as well as CCTV cameras: could these fall under the scope of ITS Maintenance?	Per this Addendum 2, ITS maintenance has been removed from the scope of the RFP. See redline changes throughout RFP Part III, Scope of Work & Requirements.
64.	3	2	Scope of Work	If scope includes LAN and WAN, confirm if fiber infrastructure is in place or must be implanted by the contractor	See response above to Question #52.
65.	III-18	Part III – 3.6	Onsite Installation Test (OIT)	Requirement 75 establishes that “the purpose of the OIT is intended to validate that the system meets all functional requirements defined in this RFP when installed at the first location on the C540 Phase 2 facility.”. 1. Please confirm if TRH that forms part of the RTCS but not of the “first location” needs to be implemented in its final production environment to perform OIT or the validation of requirements can be done with simulators of TRH or testing environment (as with FAT).	1. The final production TRH shall be tested as part of OIT. 2. Disaster Recovery shall be tested as part of OIT.

#	Page	Section	Section Description	Proposer Question	NCTA Response
				2. Additionally, please confirm if Disaster Recovery of TRH is to be tested with final primary and secondary production environments during OIT, with the final SIT (just before Go Live), or during SAT (immediately following Go-Live).	
66.	III-37	Part III – 4.1	General Infrastructure Considerations	Req 196. Can NCTA provide more information about the fiber optic network that will be provided? <ul style="list-style-type: none"> • Architecture, ring or point to point • Termination points at NCTA facilities Number of strands that will be available at each Toll Zone.	See response above to Question #52.
67.	III-46	Part III – 5.2.2.13	Backup Generator Integration	To evaluate the additional hardware that will be required for integration of Generator and ATS status and alarms. Can NCTA provide more information about the interface? For example: <ul style="list-style-type: none"> - It will be hardwired signals or will be via networked interfaces? - If interface is hardwired, it will be digital or analog signals? - Which protocols will be used? Who will be responsible to provide the cables between this equipment and the RSS?	Per this Addendum 2, a new Attachment titled Attachment 1 I: Design Build Product Sheets has been added which includes product cut sheet for the Constructor provided ATS. For demarcation point, see Sheet E-5 in Attachment 4: Infrastructure Design Drawings . Additional drawings have been added to Attachment 4 per this Addendum 2. Note: Reference the latest version of the Attachments file on the NCTA Connect Site .
68.	III-46	Part III – 5.2.2.13	Backup Generator Integration	Please confirm design for backup power from the Generator through the ATS will be provided by the Construction Contractor and not by the RSS Contractor as suggested in Req 295. For clarify the electrical interface boundary will be at the ATS or the cable provided by the Construction Contractor at the Toll cabinet.	Per this Addendum 2, Requirement 295 has been updated for clarity.

#	Page	Section	Section Description	Proposer Question	NCTA Response
69.	III-56	Part III – 6.1.2	Service Now IT Service Management System.	Requirement 386 establishes that “NCTA uses Service Now IT Service Management System” and that “the Contract shall integrate into the Service Now IT service management system for the creation, updates, and closure of all incidents, change orders, and configuration in the RTCS.” Please confirm if the deployment of a new ITSM system supplied by the Contractor is required to be implemented (as can be understood as per other requirements such as 309 or 370), or integration with the NCTA provided Service Now will be the only one required.	Requirement 386 has been removed from the RFP as part of Addendum 2.
70.	III-53	PART III 5.4.	ITS Requirements	Could you please expand on the ITS configuration to be integrated with and maintained by the contract.	Per this Addendum 2, ITS maintenance has been removed from the scope of the RFP. Updates related to ITS maintenance removal have been made throughout RFP Part III, Scope of Work & Requirements, as well as to Attachment 9: KPI Guidebook, Exhibit B-1: Price Proposal Instructions, Exhibit B-2: Pricing Sheets, and Exhibit C-8: RCM.
71.	III-64	PART III 6.1.9.	Spare Parts	Please confirm whether the cost of spare parts inventory replenishment should be included in the cost proposal	Yes
72.	III-47	PART III 5.3.1.	Transaction Reconciliation Host (TRH)	If the contractor chooses to deploy systems on premise, will NCTA provide rack space within its colocation facility	No
73.	III-47	PART III 5.3.1.	Transaction Reconciliation Host (TRH)	If we host TRH in the cloud or VM on our own premises, how does NCTA envision the connection to the RSS and Backoffice	VPN tunnel over internet at RTCS provider’s cost.

#	Page	Section	Section Description	Proposer Question	NCTA Response
74.	III-37	Part III, Sec. 4.1, Req. 196	General Infrastructure Considerations	How many fiber strands will be available to the Contractor at each tolling location, and what is the fiber path/route between tolling locations and to the WAN handoff point?	Additional drawings have been added to Attachment 4: Infrastructure Design Drawings per this Addendum 2. Note: Reference the latest version of the Attachments file on the NCTA Connect Site .
75.	III-37	Part III, Sec. 4.1, Req. 197	General Infrastructure Considerations	Is the cellular service at each tolling location sufficient for redundant communications, or has NCTA conducted any signal strength surveys?	The assumption is that service will be sufficient for redundant communications. Signal strength surveys have not been conducted.
76.	III-53	Part III, Sec. 5.4	ITS Requirements (Optional)	The ITS Maintenance scope is listed as optional. When will NCTA determine whether ITS Maintenance is included?	See response above to Question #70.
77.	III-37	Part III, Sec. 5.2.1, Req. 217	General RSS Functional Requirements	Requirement 217 states the RTCS shall have a 'separate input for vehicle detection other than the AVDC system' to identify anomalies. Please clarify the expectations for this secondary detection system: is this a fully independent detection system, or can it be an analytics-based approach using existing DVAS video?	Both options presented in this question are viable.
78.	III-40	Part III, Sec. 5.2.2.1, Req. 233	ICPS System	The ICPS requirement specifies a 'global shutter camera' with a 'minimum plate width of 250 pixels.' Is NCTA open to alternative shutter technologies (e.g., high-speed rolling shutter) if the Proposer can demonstrate equivalent or superior performance?	Per this Addendum 2, adjustments have been made to Requirement 233.
79.	III-40	Part III, Sec. 5.2.2.1, Req. 234-235	ICPS System	The histogram requirements for license plate ROI (bimodal distribution with 40 intensity levels separation, no left/right walling) are highly specific. Will these be measured per-image or as statistical thresholds across a sample set?	These properties shall be validated as part of testing during the Implementation Phase. During operations, if the OBO presents issues with image quality, NCTA will look to validate these parameters to ensure compliance.

#	Page	Section	Section Description	Proposer Question	NCTA Response
80.	III-53	Part III, Sec. 5.3.2.2, Req. 367-369	TRH Disaster Recovery System	The DR requirements specify an RPO of 1 minute and RTO of 5 hours, with the DR site outside a 50-mile radius from the primary TRH. Does the RPO of 1 minute apply to all data (transactions, images, video, logs), or primarily to transaction data?	The RPO applies to transaction data, images and video.
81.	53	5.3.2.2	TRH Disaster Recovery System	Confirm if Disaster Recovery System must be on Cloud only.	The Disaster Recovery System is not required to be in the cloud.
82.	III-52	Part III, Sec. 5.3.2; Attachment 6	Operational Back Office (OBO) Interface Requirements; OBO ICD	Attachment 6: OBO ICD is described as an 'initial draft.' What is the anticipated timeline for finalizing the ICD? Will the Contractor have an opportunity to provide input before it is finalized? How will changes to the ICD after contract award be managed (change order process or included in base scope)?	The OBO RTCS ICD will be finalized before this project reaches NTP. Minor changes to the ICD are expected to be included in base scope. Large scale changes to data content or technology may be subject to Change Order.
83.	III-47	Part III, Sec. 5.3.1, Req. 313-314	Transaction Reconciliation Host (TRH)	Transactions must be transmitted in 'near real time' (Req. 313) but also support a configurable delay (Req. 314). What is the expected operational use case for the delay?	Example use case: NCTA may elect to have transactions held in the RTCS for 5 days for auditing before delivery to OBO during early operations. Other use cases may exist.
84.	III-56	Part III, Sec. 6.1.2, Req. 386	Detailed Maintenance Requirements	The Contractor must integrate with NCTA's ServiceNow ITSM system. What ServiceNow edition and version does NCTA currently use? What level of integration is expected (API-based ticketing, bidirectional sync, dashboards)? Will NCTA provide API documentation and a test environment?	Requirement 386 has been removed from the RFP as part of Addendum 2.
85.	III-28	Part III, Sec. 3.10.4, Req. 141c	RSS Installation Requirements	The RFP states there is 'preexisting conduit from the toll equipment pads to the foundation of overhead structures/toll gantries.' Please confirm the conduit sizes, number of conduit runs, and whether pull strings will be in place at each location.	Reference Attachment 3: Design Build Contracts and the updated version per this Addendum 2 of Attachment 4: Infrastructure Design Drawings . Pull strings (or pull line) are required in all conduits as detailed in the Design Build Contracts (Attachment 3). Note: Reference the latest version of the Attachments file on the NCTA Connect Site .

#	Page	Section	Section Description	Proposer Question	NCTA Response
86.	III-17	Part III, Sec. 3.6, Req. 77	Master Test Plan	SAT requires 60 continuous calendar days of meeting all performance requirements with no critical issues. Please define 'critical issues' in this context. If a critical issue occurs on day 55, does the 60-day clock reset entirely?	An event that results in significant impacts to the facility or NCTA operations including revenue loss and/or data integrity. The impact of failures on testing will be determined on a case-by-case basis.
87.	III-74	Part III, Sec. 7.2.2, Req. 471	Vehicle Detection	Vehicle Detection accuracy is measured at 99.9%. What is the approved audit methodology (DVR review, independent video analytics, or other)? What sample size will be used for monthly audits, and who bears the cost of the audit?	The RTCS provider is responsible for the cost of the audit. Refer to Attachment 9: KPI Guidebook for expected methodology.
88.	III-78	Part III, Sec. 7.3	Non-Compliance Performance Adjustments	The maximum monthly invoice adjustment for non-compliance is capped at 25%. Is this 25% of the total monthly O&M invoice, or 25% of a specific line item? Are non-compliance adjustments in addition to or inclusive of any liquidated damages assessed under Part V?	This is 25% of the monthly O&M invoice. It is possible that damages assessed, according to the terms in RFP Part V, Terms & Conditions, are applied in addition to the 25% O&M adjustment, including but not limited to lane rental fees and Actual Damages, as applicable.
89.	III-78	Part III, Sec. 7.4	Escalation	The escalation provisions triple non-compliance points after the fifth consecutive month. If a performance failure is caused by a third-party dependency (e.g., OBO unavailability, power outages), but not formally classified as non-chargeable, how are escalated points handled?	All exceptions must be identified by the RTCS provider and approved by NCTA. If a failure is not identified as an exception, then it is not considered an exception and is subject to the escalation policy.
90.	III-19	Part III, Sec. 3.7	Training Program and Plan	The Training Program requires up to 5 training modules with potential multiple sessions. What is the expected total number of NCTA trainees across all modules? Where will training be conducted (NCTA offices, project site, Contractor facility)?	Training to be conducted at NCTA offices. The expected number of NCTA trainees is not available at this time.
91.	III-54	Part III, Sec. 5.5, Req. 372-375	Data Retention	Data retention requires 90 days online for transactions, images, and DVAS video, then archived and purged. What are NCTA's archival requirements (duration, format, accessibility)? Who is responsible for long-term archival storage costs?	Only transaction data and system logs are required to be archived. The RTCS provider bears the cost of this long-term storage for the life of the Contract.
92.	III-33	Part III, Sec. 3.11, Req. 173-179	RTCS Transition Plan	The Transition Plan (Req. 173-179) requires coordination with the 'legacy Toll System Integrator' (Req. 141 e) and integration with 'existing interfaces/Equipment (if applicable)' (Req. 175). Is	Per this Addendum 2, the reference to the Legacy Toll System Integrator in Requirement 140 has been removed.

#	Page	Section	Section Description	Proposer Question	NCTA Response
				there an existing legacy toll system on C540 Phase 2 that the RTCS Contractor must interface with or migrate data from? If C540 Phase 2 is entirely new construction with no legacy system, please confirm that the transition scope is limited to OBO integration and Constructor coordination.	
93.	III-64	6.1.9	Spare Parts	Requirement 434. The Contractor shall be responsible for procuring, maintaining and storing spares for the ITS Equipment maintained under this Contract. *Optional scope item to be determined by NCTA* Will NCTA please provide guidance for the warehouse sizing if the ITS scope is an option at the time of bidding?	See response above to Question #70.
94.	III.27	3.10.3	Installation Requirements	Please confirm the Contractor is responsible for the MOT for the installation work and specify where the cost should be entered on the Pricing Sheets.	The facility will not be open to traffic during installation. No MOT is required.
95.	III-37	Part III	4.1 General Infrastructure Considerations	The RFP Requirement 197 states to provide cellular antennas and routers to integrate into the system. Please confirm this is intended to be used only during a network/fiber outage.	Yes
96.	III-37	Part III	4.1 General Infrastructure Considerations	Regarding RFP Requirement 197, please specify what data from each Toll Zone is required to be transmitted over cellular communication. In particular, video stream will increase the required cost of the cellular service.	The toll system shall meet all functional requirements while operating over cellular communication.
97.	III-46	Part III	5.2.2.14 Uninterruptible Power Supply	The RFP Requirement 296 states all roadside Hardware and Equipment required to operate the RSS shall be on the UPS. Please confirm that the cabinet HVAC unit is not intended to be powered by the UPS and will be backed up by the generator. This will be most cost	Correct. The HVAC does not need to be on UPS and can rely on generator backup.

#	Page	Section	Section Description	Proposer Question	NCTA Response
				effective to NCTA since an HVAC cutover over a period of minutes will still protect the cabinet.	
98.	III-46	Part III	5.2.2.14 Uninterruptible Power Supply	The RFP Requirement 299 states the UPS shall have a 2-hour runtime. Due to the permanent backup generator and ATS at each Toll Facility, would NCTA consider reducing this runtime (e.g. 30 minutes)?	NCTA maintains a 2-hour battery backup requirement. This allows time for a technician to travel to the site and perform corrective action if the generator does not start up as expected.
99.	80 of 178	Part III - Scope of Work and Requirement s	5.2.1 - General RSS Functional Requirements	Requirement 216 - The requirement states that the "The RTCS shall generate a video record for all transactions..." but does not explicitly imply this part of the DVAS subsystem requirements that are mentioned in various requirements throughout Part III. Can the Authority please confirm the intent of Requirement 216 is assist in defining the general DVAS requirements for the RTCS?	Requirement 216 is applicable to DVAS.
100.	80 of 178	Part III - Scope of Work and Requirement s	5.2.1 - General RSS Functional Requirements	Requirement 217 - Will the Authority accept the DVAS subsystem as the "separate input" to meet the intent of this requirement or does the Authority intend to prescribe and/or use a third-party system to "to identify variations and anomalies in the system's ability to detect vehicles."	The DVAS subsystem can be part of the solution to meet this requirement but must be supplemented with software to provide a reliable data output that aligns with AVDC.
101.	82-83 of 178	Part III - Scope of Work and Requirement s	5.2.2.1 - ICPS System	Would the Authority please expand further on how the verbiage described in Requirements 234 and 235, in relation to histogram specifications for Region of Interest (ROI) images, will be used and/or evaluated throughout the lifespan of the project?	These properties shall be validated as part of testing during the Implementation Phase. During operations, if the OBO presents issues with image quality, NCTA will look to validate these parameters to ensure compliance.
102.	40	5.2.2.1	ICPS System	For the plate capture video system, is require to identify Make, Model and Colour for all vehicles?	No
103.	86 of 178	Part III - Scope of Work and	5.2.2.8 - Transmitting Data	For Requirement 274, aside from the DVAS requirement stated in item "e", which is defined within the ICD document provided as Attachment 6,	Requirement 274 states "The Zone Controller shall transmit to the TRH or OBO[...]" All data elements to be

#	Page	Section	Section Description	Proposer Question	NCTA Response
		Requirements		will all items "a-d" be included in a future version of the ICD document?	transmitted to the OBO are in the OBO RTCS ICD.
104.	89 of 178	Part III - Scope of Work and Requirements	5.3.1 - Transaction Reconciliation Host (TRH)	For Requirement 305, if an on-premises "Virtual Machine" TRH is proposed, will NCTA provide a host facility for the primary TRH, or will the Contractor be required to provide the host facility? Additionally, If a contractor has an established TRH that is currently hosted by NCTA, will the expansion and/or use of the TRH be allowed for the C540 P2 RTCS that is similarly described in Requirement 306?	If the Contractor uses an on-premises virtual machine, they must provide the hosting location that complies with all security requirements provided. All equipment used on this Project must be purchased new for this Project.
105.	90 of 178	Part III - Scope of Work and Requirements	5.3.1 - Transaction Reconciliation Host (TRH)	For Requirement 320, will the Authority please consider removing the manual image verification requirements and making this a sole function of the OBO? As stated by the Authority in the Pre-Proposal Scope of Services meeting, it is understood that all manual image review operations will take place within the OBO.	Requirement 320 is not intended to serve as a manual image verification tool for toll processing. It is an audit tool. It is not expected to alter transaction values but rather allow a user to identify if they are accurate and if not, provide a reason.
106.	90 of 178	Part III - Scope of Work and Requirements	5.3.1 - Transaction Reconciliation Host (TRH)	For Requirement 323, will the Authority please expand on what type of manual amendments to transactions will be required to satisfy this requirement? Assuming that the OBO will be performing all image verification operations, would the manual amendments mostly be limited to classification changes?	A manual amendment could apply to any transaction attribute as requested by NCTA.
107.	92 of 178	Part III - Scope of Work and Requirements	5.3.1 - Transaction Reconciliation Host (TRH)	For Requirement 340, can NCTA please identify the tools that are currently in use to perform "credentialed scans".	No.
108.	C540 Phase 2 RFP_1.0.pdf, PAGE III-80	7.7. Corrective Actions	7.7. Corrective Actions	Req. 499: "Any failure to meet a Performance Requirement that requires the completion of a specific action(s), which is not completed in accordance with the requirement, does not relieve the Contractor of the responsibility to perform in accordance with the RTCS requirements. The	No further liquidated damages penalty would apply in the listed example. But, if the Contractor's failure to deliver transaction records in a timely manner result in a loss of revenue to NCTA, the Contractor may be liable for actual damages for the lost revenue.

#	Page	Section	Section Description	Proposer Question	NCTA Response
				<p>required specific action(s) shall be completed within 48 hours. For example, if the Contractor fails to transmit all transaction files to the agency within four (4) hours, the files shall still be sent to the agency."</p> <p>Question: In the provided example, if the Contractor fails to transmit all transaction files to the agency within four (4) hours, the contractor will be deducted points for not meeting the 4-hour requirement, correct? What happens if the Contractor then does then send them within the next 48 hours (2 days)? Is there any penalty, and what is it?</p>	
109.	C540 Phase 2 RFP_1.0.pdf, PAGE III-40	5.2.2.	5.2.2. RSS Additional Requirements	<p>RFP Req 233: The RSS shall use a global shutter camera, equipped with a varifocal lens capable of framing a full 12-foot-wide lane plus allowances for mounting variations and a minimum plate width of 250 pixels.</p> <p>Question: This is very prescriptive. What functionality required by NCTA must be met by a varifocal camera, because it has been definitively proven not to be met by a fixed camera? Please consider removing the word "varifocal", to make sure all bidders are able to propose their best-value solutions that meet all functional requirements and performance measures without additional development costs that add no useful functionality.</p>	Per this Addendum 2, Requirement 233 has been rewritten for clarity.
110.	C540 Phase 2 RFP_1.0.pdf, PAGE III-40	5.2.2.	5.2.2. RSS Additional Requirements	<p>RFP Req 233: The RSS shall use a global shutter camera, equipped with a varifocal lens capable of framing a full 12-foot-wide lane plus allowances for mounting variations and a minimum plate width of 250 pixels.</p> <p>Question 1: Please quantify "allowances for mounting</p>	Per this Addendum 2, Requirement 233 has been rewritten for clarity.

#	Page	Section	Section Description	Proposer Question	NCTA Response
				variations." Question 2: Please explain what kind of variations are acceptable.	
111.	C540 Phase 2 RFP_1.0.pdf, PAGE III-40 AND III-41	5.2.2.	5.2.2. RSS Additional Requirements	RFP Req 234: The histogram of the captured license plate region of interest (ROI) shall exhibit a bimodal distribution, with a minimum separation of 40 intensity levels (on an 8-bit scale) between the mode of the character pixels and the mode of the background pixels in the image transmitted to the OBO with no adjustments. RFP Req 236: "The RSS shall minimize image distortion by utilizing a maximum allowable pan or tilt angle for image capture of 30 degrees from the angle of incidence with the plate." Question 1: How does the side angle from which an LP image is taken affect Req. 234?? If for example an LP picture is taken from a sidefire camera, for the same image, the characters in the same LP will have different pixel sizes, impacting OCR performance. Question 2: Why allow pan, given that all the equipment is required by the RFP to be mounted on the gantry per Req 208, and given how pan will negatively affect character pixel variance and OCR performance?	This is a subjective question. No response.
112.	C540 Phase 2 RFP_1.0.pdf, PAGE III-27	3.10.4	RSS Installation Requirements	Will lightning protection be pre-installed by NCTA or will the winning contractor have to install?	Reference Attachment 3: Design Build Contracts.
113.	C540 Phase 2 RFP_1.0.p	5.2.1 - 220	General RSS Functional Req	Is white light illumination allowed for image gathering generally and is it not allowed in any specific situation such as front camera illumination?	The illumination solution must be proven to not interfere with vehicle travel or distract drivers in all lighting conditions.

#	Page	Section	Section Description	Proposer Question	NCTA Response
	df, PAGE III-38				
114.	37	5.2.1	General RSS Functional Requirements	Confirm if video recording and data retention must be at the RTCS site or in the Central/Cloud system	Data retention policies apply to the RTCS as a whole, though reference the Requirements outlined in RFP Part III, <i>Section 5.2.2.11 Stand Alone Mode of Operations</i> for information specific to zone level data retention.
115.	C540 Phase 2 RFP_1.0, PAGE III-51	5.3.1. Transaction Reconciliation Host (TRH)	Req. 345	Regarding the annual risk assessment performed by an approved third party: Does NCTA maintain a list of pre-approved auditing firms, or is the Contractor free to propose a qualified firm for approval	Contractor is free to select a qualified firm of their choice.
116.	C540 Phase 2 RFP_1.0, PAGE III-51	5.3.1. Transaction Reconciliation Host (TRH)	Req. 345	RFP: "The Contractor, and third parties supporting the RTCS Information Environment, shall provide at their own cost applicable third-party risk assessment reports to NCTA that demonstrate the Contractor's compliance to industry accepted guidelines (e.g., SOC 2 Type II, ISO 27001, FedRAMP, PCI DSS, etc.) before the Contractor is permitted to handle Restricted and Highly Restricted NCTA data, and annually thereafter." Question: Can you clarify or explain the following statement in more detail?	On an annual basis, the RTCS contractor will undergo SOC2-Type II compliance. The RTCS contractor is to bear the cost for this annual effort. Per this Addendum 2, the language has been updated for Requirement 345.
117.	C540 Phase 2 RFP_1.0, PAGE N/A	N/A	N/A	Is a Security Operations Center (SOC) required to monitor security incidents, or will this be provided by a third party?	No
118.	C540 Phase 2 RFP_1.0, PAGE III-50	N/A	340	Could you please clarify whether NCDOT IT intends to request these scans and reports on a scheduled basis or only on an ad-hoc basis as defined by the contract?	These scans and reports are expected to be on an adhoc basis at the request of the department or NCTA.

#	Page	Section	Section Description	Proposer Question	NCTA Response
119.	C540 Phase 2 RFP_1.0 , PAGE III- 37	4.1.	General Infrastructure Considerations	Related to Requirement 196: We could not find in Attachment 4-Infrastructure Design, in the Drawings, the information related to available strands on the fiber network that can be used by the Toll Collection System. Can you please clarify how many fiber strands will be available for the Toll Collection System?	See response above to Question #52 & #67.
120.	C540 Phase 2 RFP_1.0 , PAGE III- 37	4.1.	General Infrastructure Considerations	Related to Requirement 196: Please define the demarcation point for the connection of the Toll Collection System to the fiber network.	See response above to Question #52 & #67.
121.	C540 Phase 2 RFP_1.0 , PAGE III- 33	5.2.1.	General RSS Functional Requirements	Please confirm if NCTA will provide a location to host the DVAS video recorder/s, or otherwise the DVAS video recorder/s must be installed in the Toll sites.	NCTA will not provide any infrastructure for the Contractor to install their DVAS video recorder. The Contractor must locate the recorder, or recorders, in a location that aligns with their design and supports the requirements of the Contract.
122.	C540 Phase 2 RFP_1.0 , PAGE III- 77	7.2.11.	CCTV and DMS ITS Devices	Please confirm if the Optional Scope of ITS maintenance for CCTV and DMS includes the maintenance of communications network devices such as Ethernet switches.	See response above to Question #70.
123.	C540 Phase 2 RFP_1.0 , PAGE III- 77	7.2.12.	MVD ITS Devices	Please confirm if the Optional Scope of ITS maintenance for MVD includes the maintenance of communications network devices such as Ethernet switches.	See response above to Question #70.
124.	C540 Phase 2 RFP_1.0.p df Exhibit D - Payment Schedule , PAGE 77	7.2.10.	Preventative Maintenance Completeness	If preventative maintenance activities are rescheduled due to weather, traffic restrictions, or NCDOT constraints, how will such changes be treated for Preventive Maintenance completeness scoring?	Exceptions will be granted for instances of Force Majeure.

#	Page	Section	Section Description	Proposer Question	NCTA Response
125.	C540 Phase 2 RFP_1.0 , PAGE 70	7.1.1.	Performance Measurement	When an incident requires a lane closure subject to NCTA and/or NCDOT approval, and such approval is required prior to field intervention, can NCTA confirm how resolution times are calculated for SLA purposes? Specifically, does the time awaiting third-party authorization count toward the resolution time, provided the Contractor has submitted the request within the required notification timeframe?	See Attachment 9: KPI Guidebook - “When a lane closure is required to repair an issue, the downtime between when the Contractor requests approval for a lane closure and the start time of the approved lane closure may be granted as exception to the downtime assessment.”
126.	C540 Phase 2 RFP_1.0 , PAGE 79	7.7.	Corrective Actions	<p>Please confirm whether NCTA intends to have direct operational access to the Contractor-provided ITSM / maintenance management system, or whether NCTA shall only require access to maintenance reports and records generated by the Contractor. If direct system access by NCTA personnel is contemplated, please indicate the anticipated number of user licenses and whether such access will be limited to read-only rights or will permit the creation, update, and management of maintenance work orders and tickets.</p> <p>Additionally, please confirm whether the Contractor-provided ITSM system shall be used exclusively for maintenance activities performed under this Contract, or whether NCTA anticipates its use for roadway maintenance activities outside the scope of this Contract.</p>	NCTA shall have full access to the Contractor provided ITSM. The ITSM is only expected to manage events and activities within scope of this Contract.
127.	C540 Phase 2 RFP_1.0 , PAGE	Section 3 / Section 5	Third-Party Telecommunications and Services	<p>Part III describes the functional and operational requirements of the system, including communications and connectivity between the different subsystems.</p> <p>For purposes of correct interpretation of the scope and pricing, could NCTA please confirm that third-party telecommunications services (including, but not limited to, fiber, communication links,</p>	The RTCS Contractor is responsible to provision all networking services to meet all Contract Requirements unless explicitly stated in the Contract, such as in the case of the physical fiber for the facility.

#	Page	Section	Section Description	Proposer Question	NCTA Response
				external carriers, and services provided by NCDOT/NCTA) are not included within the Contractor's scope, and that the Proposer's responsibility is limited to the integration and use of such communications once available, without including the provision, contracting, or recurring costs associated with those services?	
128.	C540 Phase 2 RFP_1.0.pdf AND Attachments: Attachment 9 – KPI Guidebook , PAGE 26	3.10.	Installation and Transition Plan	Is there an expected stabilization period after Go-Live during which performance requirements or maintenance KPIs are applied differently?	The Contractor will be subject to the performance requirements and associated liquidated damages at the time of Go-Live. The Contractor will be assessed an assumed 25% liquidated damages to their monthly maintenance compensation until they are able to provide a monthly performance report showing that the system meets the performance requirements to a level resulting in damages lower than 25%.
129.	C540 Phase 2 RFP_1.0, PAGE 34 24/55	3.12.1 6	6. Maintenance Responsibilities and Services	With reference to Section 3.12.1 (Maintenance Plan), which requires the Contractor to define spare parts levels and reorder thresholds, and Section 6 (Maintenance Responsibilities and Services), which states that NCTA may provide an ample spare parts inventory under a separate contract, could NCTA please clarify how responsibilities are allocated between NCTA and the Contractor regarding spare parts management? Specifically: Which party is responsible for defining, owning, and maintaining the spare parts inventory versus procuring replacement parts? How are responsibilities managed in the event of spare part unavailability, logistical delays, or third-party supply chain issues?	In RFP Part III, <i>Section 6 Maintenance Responsibilities and Services</i> , the following statement was removed: "Provision of an ample spare parts inventory to meet all Performance Requirements if required by NCTA".

#	Page	Section	Section Description	Proposer Question	NCTA Response
				How are such situations considered with respect to maintenance performance requirements and SLAs?	
130.	Part III, p. 56	6.1.2.	Detailed Maintenance Requirements	Requirement #863 states: "NCTA uses Service Now IT Service Management System. The Contract shall integrate into the Service Now IT service management system for the creation, updates, and closure of all incidents, change orders, and configuration in the RTCS." Question: Please elaborate on this requirement. Will the NCTA provided ITSM (Service Now), serve as the primary ITSM system or is the intent to have the contractor provide its own ITSM solution and integrate into Service Now? If the latter, which system would be considered the system of record for SLA and reporting purposes?	Requirement 386 has been removed from the RFP as part of this Addendum 2.
131.	501 / 611	Part III, 3.4 / Part IV, I.I.E	Installation Drawings / Key Team Qualifications	Requirement 64 requires design work to be supervised by a licensed NC engineer. Does the Authority require the CV/Resume of this specific individual to be included in Section 7 of the Technical Proposal, even if they do not hold one of the 7 roles listed in Table IV-2?	No. The licensed NC engineer is not a key role so their resume should not be included in the Technical Proposal. Proposers should describe their approach to this requirement in their Technical Proposal response.
132.	Part III; p. III-40	5.2.2.1	ICPS System- Unique Color cameras	Requirement 231 states "The RSS shall capture at least one front and one rear unique color image of the vehicle and its license plate for every vehicle that passes through a travel lane within a toll zone" - can you clarify what is meant by "unique color"? Is dual band acceptable or does this have to be true full color?	The intent of the requirement is to state the RSS shall capture one unique front image and one unique rear image, both of which shall be color.
133.	Part III; p. III-53	5.4	ITS Requirements *Optional scope item to be determined by NCTA*	Are ITS devices to be integrated with the existing SCADA system as well as the Statewide ATMS?	See response above to Question #70.
134.	Part III; p. III-53	5.4	ITS Requirements *Optional scope item	Will the optional ITS devices need to be integrated into the MOMS and trigger an alert or ticket if they go down?	See response above to Question #70.

#	Page	Section	Section Description	Proposer Question	NCTA Response
			to be determined by NCTA*		
135.	Part III; p. III-54-55	6	Maintenance Responsibilities and Services	What are the response/resolution times requirements in case an issue arises in the O&M phase? Specifically looking for SLAs for level 1, 2, and 3 issues. Also, what are the Severity level definitions?	System performance assessments for response/resolution times will rely on Availability and Preventive Maintenance conformance KPI's.
136.		Sections 5.2.2.11, 5.2.2.14, 5.2.3, 6.1.2, 7.2.11–7.2.12 (ITS Requirements)		Several ITS requirements (e.g., CCTV, DMS, MVD and related maintenance and KPIs) are labeled as 'Optional scope item to be determined by NCTA' in Part III, including Sections 5.2.2.11, 5.2.2.14, 5.2.3, 6.1.2, and 7.2.11–7.2.12. Please clarify whether Proposers should: (a) assume ITS devices and their maintenance are included in the base scope and price; (b) exclude ITS from the base scope and provide separate optional pricing; or (c) follow another pricing/ scope assumption for these optional ITS elements.	See response above to Question #70.
RFP Part III, Section 7 Performance Requirements					
137.	C540 Phase 2 RFP_1.0.pdf AND Attachments: Attachment 9 – KPI Guidebook, PAGE PAGES III-68 thru III-82	7. Performance Requirements – Maintenance and Operations	7. Performance Requirements – Maintenance and Operations	Service Level Agreements are not specified in the RFP. What are the requirements for the response and repair times? Without such basic requirements, bidders will not design their systems and price their maintenance programs to a common standard, and there is no common baseline against which to evaluate vendor solutions and vendor prices fairly.	There are no response/repair time requirements in this Contract. System maintenance performance is measured using system availability and Preventive Maintenance KPIs.

#	Page	Section	Section Description	Proposer Question	NCTA Response
138.	C540 Phase 2 RFP_1.0.pdf AND Attachments: Attachment 9 – KPI Guidebook, PAGE III-71	Table III-2: Monthly RTCS Performance Requirements	Table III-2: Monthly RTCS Performance Requirements	RFP verbiage: "99.5% of transactions will be classified accurately." Question: The 2023 SRTCS RFP required that vendors meet classification accuracy of 99.80%. What is the reason behind reducing the accuracy rate? Please consider adding to this RFP's evaluation factors a quantifiable way for bidders to gain evaluation points for committing to exceed 99.5% classification accuracy by meeting the more customary 99.8% instead.	The classification accuracy requirement was reduced to address the removal of in-pavement sensors from the set of allowable solutions.
139.	III-70	7.1.1	Performance Deductions (KPIs)	Please clarify whether performance deductions are capped and whether liquidated damages for the same event are prohibited from stacking.	Refer to RFP Part III, <i>Section 7 Performance Requirements and Maintenance and Operations</i> and Attachment 9: KPI Guidebook .
140.	III-80, III-81	Section 7.8 Non-Chargeable and Chargeable Failures and section 7.9 Non-chargeable failures		Please confirm that for all KPI measurements (including Vehicle Detection, Classification Accuracy, AVI Accuracy, and Transaction Timely Transmission), events attributable to causes outside the Contractor's control (e.g., utility power failures, NCTA OBO outages, upstream communications carrier failures, force majeure, and other NCTA designated nonchargeable events) will be classified as NonChargeable Failures and excluded from KPI calculations, consistent with the NonChargeable/Chargeable Failure definitions in sections 7.8 and 7.9.	See Attachment 9: KPI Guidebook . The examples provided would summarily be considered force majeure. Some instances, such as upstream communication failures would be expected to be addressed by design redundancies, unless a force majeure event impacted both the primary and secondary pathway.
141.	III-69 through III-78	Sections 7.1–7.3; General Performance Requirements – Non-Compliance Performance Adjustments		RFP sections 7.1–7.3 describe Performance Requirements and NonCompliance Performance Adjustments, including a 25% adjustment if the monthly performance report is not complete and accurate. Please clarify whether NCTA intends to provide a defined cure period and review/acceptance process	The intent of this requirement is to motivate the Contractor to prepare for the M&O Phase by finalizing their KPI reporting, practices and documentation prior to the start of operations. If this work is not complete in a timely manner, the Contractor may be subject to default 25% damages until

#	Page	Section	Section Description	Proposer Question	NCTA Response
				for the Contractor’s monthly KPI report prior to applying the maximum adjustment, and confirm that immaterial clerical or formatting errors in an otherwise accurate report will not trigger the full 25% reduction.	the work is complete and a reliable report is provided on a monthly basis.
142.	III-78	Section 7.3 – Non-Compliance Performance Adjustments		If ITS devices (CCTV, DMS, MVD) are ultimately included in the RTCS scope, please confirm whether their availability and performance KPIs will be: (a) measured and adjusted separately from core tolling KPIs (e.g., Vehicle Detection, Classification Accuracy, AVI Accuracy), or (b) combined into the same KPI scorecard and NonCompliance Performance Adjustment regime described in Section 7.3. This clarification will help Proposers appropriately assess risk and structure pricing.	Per this Addendum 2, optional ITS scope has been removed, therefore, KPI 11 and KPI 12 have been removed from the RFP. See redline changes to RFP Part III, Section 7.1 and Section 7.2 and the updated version of Attachment 9: KPI Guidebook . Note: Reference the latest version of the Attachments file and RFP file on the NCTA Connect Site .
Exhibit A: Project Implementation Schedule					
143.	Exhibit A	Exhibit A	Project Implementation Schedule	The Project Implementation Schedule (Exhibit A) references milestones tied to 'NTP2' (e.g., '40 Calendar Days after NTP2' for Installation and Commissioning). NTP2 is not defined in the RFP or Defined Terms (Part II). What triggers NTP2, how does it relate to the initial NTP referenced in Part V, and under what conditions could NTP2 be delayed?	Per this Addendum 2, updates have been made to Exhibit A: Project Implementation Schedule for clarification surrounding NTP2. Note: Reference the latest version of the Exhibits file on the NCTA Connect Site .
144.	Page 1 of 2 (PDF 3)	Exhibit A	Project Implementation Schedule	The Installation and System Acceptance Section of the Project Implementation Schedule references NTP2. Please provide the definition and parameters of what NTP2 represents and when it will be issued.	See response above to Question #143.
145.	Exhibit A	Exhibit A; Part III, Sec. 3.6	Project Implementation Schedule / Testing	Exhibit A shows Location 1 Installation and OIT completing before Locations 2-12. During the period when Location 1 is in revenue service and remaining locations are still under installation, is the Contractor expected to provide full O&M staffing and support for Location 1 while simultaneously executing installation work at other locations? How	The milestone for OIT is that the first zone is commissioned and “ready for go-live” not that it actually enters operations. The intent of conducting OIT before moving forward with the following toll zone installations is to prove that the system works as designed in

#	Page	Section	Section Description	Proposer Question	NCTA Response
				does this overlap period affect the start of the O&M term and associated pricing?	on-site conditions before propagating any issues to downstream installations.
146.	Page 1 of 2 (PDF 3)	Exhibit A	Project Implementation Schedule	Can the Proposer’s schedule differ from the “Projects Start” and “Projected End” dates shown in Exhibit A – Project Implementation Schedule table to reflect our specific deliverable approach, assuming all Major Milestone deadlines are met?	Yes, as long as the major milestone dates are met along with all prerequisites.
Exhibit B: Price Proposal Instructions & Pricing Sheets					
147.			Change Control / Price Adjustments	Please clarify whether the contract allows for limited CPI-based price adjustments for long-term operations and maintenance services.	Per this Addendum 2, updates have been made to Exhibit B-1: Price Proposal Instructions which addresses CPI price adjustments. Note: Reference the latest version of the Exhibits file on the NCTA Connect Site .
148.	Exhibit B-1, Sec. 5 & 11	Exhibit B-1; Exhibit B-2	Pricing Sheets Instructions	Exhibit B-1 general instructions state implementation pricing should be in '2027 dollar values,' but Sheet 9-1 (Additional Services Rates) requires rates 'for the year 2028.' What escalation methodology, if any, should Proposers use to convert between 2027 and 2028 dollar values? For the O&M base term and optional extensions, should pricing reflect a fixed rate or include an annual escalation factor?	The Proposer should base the prices on the year they expect the work to occur.
149.	Exhibit B-2 Pricing Sheets_Locked, PAGE N/A	N/A	N/A	Exhibit B-1 states that the Price Proposal shall be “inclusive of all costs” required to meet the requirements of Part III. Can NCTA confirm that costs associated with third-party works outside the Contractor’s scope (such as civil works, permanent power supply, third-party fiber, or infrastructure provided by NCDOT/NCTA) shall not be included in Exhibit B-2,	The referenced “all costs” are specific to the costs within the scope of this Contract.

#	Page	Section	Section Description	Proposer Question	NCTA Response
				unless they are explicitly described in the Price Proposal Forms?	
150.	EXHIBITS _C540P2 RFP Exhibit B-1 Price Proposal Instructions, PAGE 8	12	Exhibit B-1 – Section 12 (Cost Escalation)	Based on Exhibit B-1 – Section 12 (Cost Escalation), we understand that the costs associated with the Base Maintenance Term must be priced as fixed amounts, with no escalation applied. For purposes of correctly completing Exhibit B-2 (including Sheet 8-1), could NCTA please confirm that the maintenance cost proposed for Year 1 must be identical to that proposed for Year 2 and the subsequent years within the Base Maintenance Term?	No, the maintenance cost is not expected to necessarily be equal from year to year.
151.	Exhibit B-2	Pricing Sheets	Exhibit B-2, Pricing Sheets, Implementation Sheets	What calendar year should Contractors use for valuing the Implementation related costs (i.e. 2026)?	See the updated version of Exhibit B-1: Price Proposal Instructions per this Addendum 2. Note: Reference the latest version of the Exhibits file on the NCTA Connect Site .
152.	Exhibit B-2	Pricing Sheets	Exhibit B-2, Pricing Sheets, Maintenance Sheets	What calendar year should Contractors use for valuing Year 1 of Maintenance (i.e. 2028)?	See response above to Question #151.
153.	Exhibit B-2	Pricing Sheets	Exhibit B-2 Pricing Sheets	Sheet B-2 includes maintenance of the standby generators. Please provide the generator make and model.	Per this Addendum 2, a new Attachment titled Attachment II: Design Build Product Sheets has been added which includes product cut sheet for the Constructor provided ATS. Note: Reference the latest version of the Attachments file on the NCTA Connect Site .
154.	Exhibit B-2	Pricing Sheets	Exhibit B-2 Pricing Sheets	Sheet 8-1 includes maintenance for the ITS equipment.	Per this Addendum 2, ITS maintenance has been removed from the scope of the RFP, therefore, updates have been made to

#	Page	Section	Section Description	Proposer Question	NCTA Response
				Please provide the make and model of the CCTV Camera and MVD Sensor.	Exhibit B-1: Price Proposal Instructions and Exhibit B-2: Pricing Sheets. Note: Reference the latest version of the Exhibits file on the NCTA Connect Site .
155.	Exhibit B-2	Pricing Sheets	Exhibit B-2 Pricing Sheets	Sheet 8-1 includes maintenance for the ITS equipment. Please provide the make and model of the DMS.	See response above to Question #154.
156.	Exhibit B-2 Pricing Sheets , PAGE N/A	N/A	8-1 Backup ITS Maintenance	We kindly request information on the ITS equipment make and model in order to be able to quote the ITS Maintenance: - ITS-001 CCTV Camera - ITS-002 Microwave Vehicle Detection (MVD) Ramp - ITS-003 Type Dynamic Message Sign (DMS) - ITS-004 Fiber-optic Cable & Conduit System (Per Mile) - ITS-005 ITS Network Devices (Lump Sum)	See response above to Question #154.
157.	Pricing Sheets	4-1 Backup Toll System Imp	4-1 Backup Toll System Imp	Can the authority describe what types of ODCs may be included in potential construction delays?	It is for the Proposer to determine what costs may be required to address a multi-month gap in effort between completion of all planning , design, documentation, development and FAT and the start of installation. An assumed 6-month gap is part of the proposal price.
158.	Exhibit B-2 , PAGE N/A	Sheet 4-1 – System Implementation Costs	N/A	Exhibit B-2 (Sheet 4-1) includes a specific cost item associated with a six (6)-month delay, identified as “Delay outside Contractor control.” For purposes of correct interpretation of the pricing assumptions, could NCTA please confirm whether this 6-month delay is to be considered a fixed assumption included in the proposal, and that no additional compensation would be applicable in the	The Contractor will be compensated at the monthly rate included in their bid. According to the terms in this RFP, if there is a delay experienced outside Contractor control, there is no guarantee this delay occurs, nor is there a guarantee of the duration of the delay if it does occur.

#	Page	Section	Section Description	Proposer Question	NCTA Response
				event that such delay does not occur or differs in duration?	
159.	Exhibit B-2	Pricing Sheets	Exhibit B-2, Pricing Sheets, Maintenance related Sheets (5-1, 6-1, 7-1, 8-1	Due to the unpredictability of future costs, rather than request Maintenance Pricing for the Optional Extensions (Years 6-8 and 9-11), would NCTA consider applying a CPI factor to Maintenance year 5 and all subsequent years?	See Section 11 of the updated Exhibit B-1: Price Proposal Instructions per this Addendum 2. Note: Reference the latest version of the Exhibits file on the NCTA Connect Site .
160.	EXHIBITS _C540P2 RFP Exhibit B-1 Price Proposal Instructions Exhibit D - Payment Schedule , PAGE 4,8	4, 10	Exhibit B-2 (Sheets 2-2 and 8/8-1	The RFP documentation indicates that both ITS integration and ITS maintenance are considered optional scopes, subject to NCTA's determination. For purposes of correctly preparing the proposal, could NCTA please confirm whether these scopes must be priced mandatorily in Exhibit B-2 (Sheets 2-2 and 8/8-1), and that the corresponding amounts will be considered for informational purposes only, with no impact on the base cost used for the financial evaluation, should they ultimately not be selected?	See response above to Question #154.
161.	Exhibit B-2	Pricing Sheets	Exhibit B-2, Pricing Sheets, Sheet 9-1 Additional Services Rates	What calendar year should Contractors use for valuing the Additional Services Rates (i.e. 2026)?	See the updated version of Exhibit B-1: Price Proposal Instructions per this Addendum 2. Note: Reference the latest version of the Exhibits file on the NCTA Connect Site .
162.	Exhibit B-2	Pricing Sheets	Exhibit B-2, Pricing Sheets, Sheet 9-1 Additional Services Rates	Please confirm that the Additional Services Rates provide on Sheet 9-1 will be escalated each Contract year by a CPI.	See Section 11 of the updated Exhibit B-1: Price Proposal Instructions per this Addendum 2. Note: Reference the latest version of the Exhibits file on the NCTA Connect Site .

#	Page	Section	Section Description	Proposer Question	NCTA Response
163.			Exhibit B-2 Pricing Sheets	Confirm if the Preliminary BOM must be submitted in the Initial Evaluation phase, of only if shortlisted.	Per RFP Part IV, <i>Section 1.1 Content of Technical Proposal</i> , the Preliminary Bill of Materials are to be provided with the Technical Proposal response as Appendix 2. The BOM is not to be submitted with the Price Proposal.
Exhibit C-8: RCM					
164.	Exhibit C-8	Requirements Conformance Matrix	Requirements Conformance Matrix	Please provide instructions for completing the matrix for non-functional requirements. For example, number 127, “The Disaster Recovery Plan shall be tested no less than annually with NCTA participation. The Contractor shall schedule the test no less than twenty (20) Calendar Days prior to the start of the Disaster Recovery Plan test.”	Per this Addendum 2, Exhibit C-8: RCM has been updated to only include the functional requirements; the non-functional requirements have been removed from the RCM. Note: Reference the latest version of the Exhibits file on the NCTA Connect Site .
Exhibit D: Payment Schedule					
165.	EXHIBITS _C540P2 RFP Exhibit D - Payment Schedule , PAGE N/A	N/A	N/A	Upon reviewing Exhibit D – Payment Schedule, we have observed that the cumulative payments made by NCTA prior to the start of the installation phase (up to milestone A-6) represent approximately 44% of the total invoiced contract value. As a result, a relevant portion of the payments is concentrated in the later stages of the project, during the installation phase. For clarification purposes, could NCTA please indicate whether there is any degree of flexibility to consider minor adjustments to the payment milestones, allowing for a slightly higher proportion of invoicing prior to the installation phase, while fully	No

#	Page	Section	Section Description	Proposer Question	NCTA Response
				maintaining the total contract value and the overall milestone structure?	
Attachment 4: Infrastructure Design Drawings					
166.	Attachment 4	Infrastructure Design Drawings	Attachment 4 Infrastructure Design Drawings	<p>Drawing C-1 provides the Typical Mainline AET Toll Zone Plan.</p> <p>This design appears to have no subframe or outriggers for mounting the equipment upstream and downstream of the gantry.</p> <p>Please confirm as part of the design process the Contractor will be able to provide input on the gantry design.</p>	<p>The Contractor will not be involved in the gantry design.</p> <p>During the Design Phase, the Contractor shall include any structural attachments required to support their system and will be responsible for analyzing the gantry to accommodate the load above the total included in Requirement #208.</p> <p>NOTE: Assumed equipment loads used for the design of the gantry have been added to Requirement #208 per this Addendum 2.</p>
167.	ATTACHMENTS_C 540P2 RFP, PAGE N/A	Attachment 4	Attachment 4	The drawings show regular non-walkable gantries. Has NCTA considered opting for walkable gantries instead, to minimize maintenance operations and closures?	NCTA will not be providing walkable gantries.
RFP Part V, Terms and Conditions					
168.	V-2	Part V, Sec. 1.1	Term of Contract	The base O&M term is described as 'up to 5 years.' Under what circumstances would the base term be less than 5 years? Does the 5-year base period start at Go-Live or at System Acceptance?	The base term will run for 5 years subject to termination as addressed in Part V, Section 2.6. Pursuant to Part V, Section 1.1 (Item #2), the O&M Phase term begins at Go-Live.
169.	V-2	I. Contract Terms and Conditions		Per the Contract Term language in Part I of the RFP (base Operations & Maintenance Phase of up to five (5) years with two (2) optional three (3)-year Maintenance extensions), together with the Maintenance Responsibilities & Services and Performance Requirements sections that define system performance obligations over the full service	NCTA expects equipment for this Project to last the length of the Contract. If a Proposer's solution requires a refresh within 11 years, please provide details in the Technical Proposal.

#	Page	Section	Section Description	Proposer Question	NCTA Response
				<p>life, NCTA appears to envision support for up to eleven (11) years of operation.</p> <p>Please clarify how NCTA intends the optional Operations & Maintenance extensions to interact with the required 11 year design life. Specifically, should Proposers assume that all lifecycle replacements necessary to support an 11 year service life be fully included in the base 5 year O&M pricing? Or is NCTA's intent that certain lifecycle replacements be priced and performed only if one or both optional 3 year extensions are exercised, with corresponding unit and labor pricing provided for those periods?</p>	
170.	V-5	1.4	Liquidated Damages	Please confirm whether liquidated damages constitute the sole and exclusive remedy for the specific delays or performance failures they address.	There are other Contract terms, such as contract termination outlined in RFP Part V, Section 2.6 and defaults outlined in Part V, Section 3.7.12 & 3.7.13 that could be utilized.
171.	V-19	Part V, Sec. 2.2-2.4	Change Orders; Extra Work Orders; Maintenance Task Orders	Please clarify the process and pricing methodology for Change Orders, Extra Work Orders, and Maintenance Task Orders. Are hourly rates to be provided in the Price Proposal? Is there a not-to-exceed budget for Extra Work Orders?	Hourly rates shall be provided in Sheet 9-1: Additional Service Rates in Exhibit B-2: Pricing Sheets . There is no defined not-to-exceed budget for Extra Work Orders.
172.	V-25	2.6.3	Termination for Convenience	Please confirm whether, in the event of termination for convenience, the contractor is entitled to recover unamortized costs and committed but noncancelable obligations.	In the event of termination for convenience, the Contractor is not entitled to recover unamortized costs and noncancelable obligations.
173.	V-28	3.6.1	Internal/Embedded Software License and Escrow	Please confirm whether source code escrow release triggers are limited to contractor bankruptcy, insolvency, or failure to provide support, rather than a broad mandatory release.	Source code escrow release is not limited to Contractor bankruptcy, insolvency, or failure to provide support. See RFP Part V, Section 1.11.3 Escrow.
174.	V-28	3.6.2	3.6. Software and Intellectual Property	Section 3.6.1 contains two license grants that appear to conflict. The first grants NCTA an "unrestricted license" while the second grants a "worldwide, nonexclusive, non-sublicensable license." These terms are legally contradictory, as an unrestricted	In RFP Part V, Section 3.6.1, Item #2 - The license in the first sentence of refers to "noncommercial software" developed specifically for NCTA toll operations. The second sentence refers to any "Software" (as

#	Page	Section	Section Description	Proposer Question	NCTA Response
				<p>license inherently includes sublicensing and transfer rights, while the second grant explicitly prohibits sublicensing and limits use to NCTA's internal operations.</p> <p>Provide clarification on the following: Which license grant governs in the event of conflict, and can NCTA confirm that its intent is that the license granted to NCTA under this Contract shall be: (1) non-exclusive, (2) non-sublicensable, (3) non-transferable, (4) limited solely to NCTA's internal toll operations on the NC 540 system, (5) limited to software developed specifically for NCTA under this Contract and expressly excluding the Contractor's pre-existing proprietary software, platform, and intellectual property, and (6) subject to termination upon expiration or termination of the Contract?</p>	<p>defined in RFP Part II, Defined Terms & Acronyms) including, but not limited to, any embedded commercial software.</p> <p>Per this Addendum 2, updates have been made to the language in RFP Part V, Section 3.6.1, Item #2.</p> <p>(1 – 4): Confirm.</p> <p>(5) This term applies to all software, regardless of whether it was built for the Project or not.</p> <p>(6) This term is not subject to termination upon expiration or termination of the Contract.</p>
175.	V-29	3.6.3	Patent, Copyright and Trade Secret Protections	Would the Authority please Clarify if the license is limited to NCTA internal use for the project/system (no resale or third-party commercialization)? This would ensure any unintended transfer of commercial value beyond the project intent.	Yes, confirming no resale or third-party commercialization.
176.	V-29	3.6.3	Patent, Copyright and Trade Secret Protections	Please confirm ownership treatment for enhancements or derivative works developed by the contractor outside the NCTA-funded scope, including whether such enhancements remain the contractor's intellectual property.	NCTA confirms this statement.
177.	V-29	3.6.3 / (5)	Patent, Copyright and Trade Secret Protections	Please confirm whether IP infringement indemnification excludes claims arising from NCTA-provided specifications, modifications, or third-party materials not supplied by the contractor.	IP infringement indemnification excludes "third-party materials"; it does not exclude "specifications" or "modifications".
178.	V-35	3.7.14	Limitation of Contractor's Liability	Please clarify whether the agreement includes a clearly defined aggregate limitation of liability tied to fees paid under the contract.	NCTA cannot confirm this. Part V, Section 3.7.14 (Item #3) specifically excludes certain damages from that limitation.

#	Page	Section	Section Description	Proposer Question	NCTA Response
179.	V-36	3.7.16	General Indemnity	Please clarify whether general indemnification obligations are subject to a liability cap tied to a reasonable multiple of the contract value, with uncapped exposure limited to IP infringement and willful misconduct.	There is no cap based on a multiple of the Contract value and excludes IP infringement and willful misconduct.
180.			Survival of Obligations	Please confirm which specific contract provisions are intended to survive termination or expiration (e.g., IP, audit, indemnity), rather than broad survival of all obligations.	NCTA is not limiting the survival of obligations to specific provisions.
Statewide RTCS Contract					
181.	General	General	SRTCS Contract	A question was posed by an attendee at the Pre-Proposal Scope of Services meeting inquiring about the current status of the NCTA Statewide Roadside Toll Collection System (SRTCS) contract. It was understood that the intent of the SRTCS contract was for NCTA to obtain a "bench" of toll system providers (or contractors) that NCTA would utilize for future RTCS procurements within the 5-year term of the SRTCS contract (executed in 2023 - expiring in 2028). NCTA stated in the conference that the SRTCS contract was no longer valid. Does the Authority plan to formally communicate this in writing to the contractors that are currently on the SRTCS contract?	The SRTCS Contract is being addressed separately from this RFP.
182.				For this phase of 540 could NCTA still acquire the system from the existing roadside bench contract?	The SRTCS Contract is being addressed separately from this RFP.

Section B: Official revisions to the Complete 540 Phase 2 RFP

REVISIONS: Following are the revisions to the RFP documents (Deletions are shown in red text strikeout mode and additions are in red underlined text).

1. The Cover Page of the RFP document has been modified as follows:

Complete 540 Phase 2
Roadside Support System
Request for Proposals

Mandatory Pre-Proposal Scope of Services Meeting
March 18, 2026
1:00 p.m. to 2:00 p.m. EDT
Online via Web Conference

Technical Proposal Due Date
May 18, 2026 (4:00 p.m. EDT)

Physical Delivery Address
North Carolina Turnpike Authority
2501 Aerial Center Pkwy
Morrisville, NC 27560
Attn: Eliza Davis

Issue Date: March 9, 2026

Updated through Addendum 2 (April 17, 2026)

2. RFP Part I, Administrative, Section 2.18 Certificate to Transact Business in NC, has been modified as follows:

2.18. Certificate to Transact Business in NC

As a condition of Contract award, each out-of-state Contractor that is a corporation, limited-liability company or limited-liability partnership shall have received, and shall maintain throughout the term of the Contract, a Certificate of Authority to Transact Business in North Carolina from the North Carolina Secretary of State, as required by North Carolina law.

If applicable, the Contractor shall provide the Certificate of Authority to Transact Business in North Carolina to NCTA within fourteen (14) Calendar Days upon Notice of Award.

3. RFP Table I-1: Procurement Schedule in Part I, Administrative, Section 3 Schedule, has been modified as follows:

Milestone	Date
RFP Issued	March 9, 2026
RSVPs Due for the Mandatory Pre-Proposal Scope of Services Meeting	March 17, 2026 (4:00 PM EST) Interested parties are required to email the NCTA contact noted in Part I, Section 1.4 to register for the meeting.
Mandatory Pre-Proposal Scope of Services Meeting	March 18, 2026 (1:00 PM – 2:00 PM EST) The meeting will be held online via web conference. The meeting may be recorded by NCTA and all attendees shall state name so the company may be counted present. See further details below in Part I, Section 3.1.
Proposer Questions Due	April 2, 2026 (4:00 PM EST)
NCTA Response to Questions	April 17, 2026
Technical Proposals Due	May 4 May 18, 2026 (4:00 PM EST)
Notification of Proposers Shortlisted	June 5 June 29, 2026
Oral Interviews & Presentations (<i>Shortlisted Proposers to be notified as to the specific schedule within the time identified</i>)	Week of June 22 Week of July 6, 2026
Price Proposals Due (<i>Only Shortlisted Proposers will submit a Price Proposal</i>)	July 7 July 20, 2026 (4:00 PM EST)
Ranking of Shortlisted Proposers for Negotiations	Week of July 13 Week of July 27, 2026
BAFO (<i>if needed</i>)	Week of July 20 Week of August 3, 2026
Notice of Award	Week of July 20 Week of August 3, 2026

4. RFP Part I, Administrative, Section 5.1 Notice of Award, has been modified as follows:

5.1. Notice of Award

Following evaluation and negotiations, NCTA may execute a Contract with the successful Proposer. NCTA will notify the successful Proposer in writing via a Notification of Award letter via email.

The successful Proposer will have fourteen (14) Calendar Days after receipt of the Notification of Award to furnish the performance and payment bonds, ~~and~~ insurance ~~and certificate to transact business in NC (if applicable) as~~ required in the Notification of Award letter. If the successful Proposer defaults or otherwise is unable to ~~enter into~~ a Contract with NCTA, then NCTA may begin negotiations with the next highest ranked Proposer or Proposers as further set forth in Part I, Section 4.6, Negotiations and Best and Final Offers.

Payment and Performance Bonds:

- a. Proposer shall submit evidence that it is capable of obtaining Contract payment and performance bonds in an amount equal to 100 percent of the Contract Proposal Price for the Implementation Phase and for one year of Operations and Maintenance as further set forth in the paragraphs immediately below. The Operations and Maintenance Phase commence following the completion of the Go-Live. A surety letter submitted with the Price Proposal is acceptable evidence of meeting this bond requirement. The form for this letter is included as **Exhibit C-10, Surety Commitment Letter**. The completed letter shall be included in the Price Proposal submission.
- b. The initial bonds shall be in the amount of 100 percent of the total Project Implementation, Installation and System Acceptance Phase price as set forth in the Proposer's Price Proposal Sheet 1 Project Summary Grand Total for Implementation, Installation and System Acceptance Phase (cell E12 plus E19). This bond amount will be decreased after the Project enters the Operations and Maintenance Phase and the Operations and Maintenance Bond has been secured as detailed below. The Implementation Phase Bonds may be annually renewable, to be renewed each year at the anniversary of Contract execution.
- c. Bonding shall be continuous in that the Operations and Maintenance Bond associated with the Project must be provided prior to the release of the Implementation Phase Bond for that roadway. The initial bonding level for the Operations and Maintenance Phase shall be provided at 100 percent of Year 1 of Operations and Maintenance. For purposes of the Surety Commitment (**Exhibit C-10**) bonding levels are as shown as the sum of Sheet 5 RSS

North Carolina Turnpike Authority | I-19
Issue Date: 03/09/2026

Complete 540 Phase 2 Roadside Support System RFP
Part I: Administrative

Maintenance cell D4 plus Sheet 6 TRH Maintenance cell D4 plus Sheet 7 Facility Maintenance cell D4 ~~plus Sheet 8 ITS Maintenance cell D4~~ and may be annually renewable, to be renewed each year at the anniversary date of Final Acceptance through the end of the Contract. The value of the bond for each year beyond Year 1 shall be in the amount of 100 percent of the estimated Operations and Maintenance Costs for the upcoming Operations and Maintenance Year.

5. RFP Part III, Scope of Work & Requirements, Section 1 Project Overview has been modified as follows:

1. Project Overview

The Scope of Work involves implementing the Roadside Toll Collection System (RTCS) on the Complete 540 (C540) Phase 2, as further discussed below. A map of the Project area is shown below in *Figure 1: C540 Phase 2 Location Map* and includes interchanges #8 through #13. The Contractor will be responsible for the following for the Contract Term:

- Roadside Toll Collection System for C540 Phase 2
- Roadside Toll Collection System Operations and Maintenance
- ~~ITS Maintenance (Optional)~~

The C540 Phase 2 Project, is a proposed highway facility on a new location, extending the Triangle Expressway approximately 10.4 miles from the I-40/NC 540 Turbine Interchange to the US-64/US 264 Bypass in Knightdale, completing the 540 Outer Loop. The Project is currently under construction and is expected to open to traffic in 2028. The facility will include the following:

- 10 toll zones with 3 travel lanes and 2 shoulders
- 2 toll zones with 5 travel lanes and 2 shoulders
- Single gantry infrastructure at each location as depicted in the AET Standard Drawings found in Attachment 4: Infrastructure Design Drawings.
 - Note: In Attachment 4, the design build drawings for AET may currently still show a dual gantry system until they can be updated to the current single gantry design.

6. RFP Part III, Scope of Work & Requirements, Section 2 Summary of Scope of Work has been modified as follows:

<p>The Contractor TRH is expected to include the following:</p> <ul style="list-style-type: none"> • Redundant toll host system (including transaction processing and reporting); • Interfaces for all applicable external <u>elements</u>; • Integrated Digital Video Audit System (DVAS); • Audit application for transaction <u>reconciliation</u>; • Operations reports and <u>analytics</u>; • IT Service Management systems (ITSM); • All required local wide area (LAN), and wide area networks (WAN); • ACSMS; <u>and</u> • Facilities Management tracking <u>g.g. and</u> • ITS Maintenance.
--

7. RFP Part III, Scope of Work & Requirements, Section 3.2.5, Requirement 22 has been modified as follows:

22	The Contractor shall provide and maintain a schedule for monthly progress meetings at a location designated by NCTA. The meeting shall be scheduled no later than the 20 th <u>Calendar d</u> Day of the following month and shall cover progress up to the 15 th of the current month.
----	---

8. RFP Part III, Scope of Work & Requirements, Section 3.10.2, Requirement 138 has been modified as follows:

138	<p>complete the safety and construction process by the contractor</p> <p>The Contractor shall participate in the design and installation of the infrastructure on the Roadway, including but not limited to:</p> <ul style="list-style-type: none"> a) review and reach consensus on all toll and ITS Equipment submittals; <u>ab) review and reach a consensus of the ITS network design provided by the Constructor as it relates to the RTCS;</u> <u>b) support and supply all information requested by the Constructor and civil designer in the form of a Request for Information (RFI);</u> <u>cd) review and reach consensus on all Constructor-provided drawings with respect to the RSS; and</u> <u>de) of such drawings related to the RSS.</u>
-----	---

9. RFP Part III, Scope of Work & Requirements, Section 3.10.3, Requirement 140 has been modified as follows:

140	<p>The Installation Plan shall include and define, at a minimum, the following items:</p> <ul style="list-style-type: none"> a) The installation schedule detailing all activities, shifts, and resources for the installation of the RTCS including third-party and Constructor activities. Once the baseline schedule is Approved by NCTA, the Constructor shall provide Updates during the installation periods identifying all schedule changes and work progress in the form of percentage completions shall be submitted to NCTA for Approval. b) The minimum resource allocation requirement for any installation and segment <u>including</u> sequencing of Toll Zone installation, testing and Go-Live. c) How the Contractor manages delivery and staging of the RTCS Equipment to be installed, including any staging, installation, and testing performed by the Contractor or third-party facilities and their subsequent delivery and installation at the production sites.
<p>North Carolina Turnpike Authority III-27 Issue Date: 03/09/2016</p>	
<p>Complete 540 Phase 2 Roadside Support System RFP Part III: Scope of Work and Requirements</p>	
	<p>d) How the Contractor will integrate Constructor provided ITS devices into their ITSM for monitoring. *Only required if the optional scope item of ITS maintenance is included in this project*</p> <p>e)d) The coordination between other contractors, including the legacy Toll System Integrator, and service providers.</p> <p>f)e) Coordination of any travel lane or shoulder lane closures with NCTA and NCDOT Division 5 for the duration of the Project.</p>

10. RFP Part III, Scope of Work & Requirements, Section 5.2.1, Requirement 208 has been modified as follows:

208	<p>The RSS shall use only gantry mounted equipment. No in-pavement sensors will be permitted. <u>The total distributed load on a 3-lane 2-shoulder gantry is no greater than 2,300 pounds and on a 5-lane 2-shoulder gantry is no greater than 2,800 pounds. If the design exceeds this, all structural analysis is the responsibility of the Contractor and shall be subject to NCDOT approval.</u></p>
-----	--

11. RFP Part III, Scope of Work & Requirements, Section 5.2.2.1, Requirement 233 has been modified as follows:

233	<p>The RSS shall use a global shutter <u>a</u> camera <u>equipped with a shutter capable of a readout speed of 5ms or less and, equipped with a varifocal lens</u> capable of framing a full 12-foot-wide lane <u>plus allowances for mounting variations</u> and a minimum plate width of 250 pixels. <u>The complete ICPS shall have coverage for all properly mounted rear license plates for all shoulder and lane areas within the toll zone and all front mounted license plates within the travel lanes.</u></p>
-----	--

12. RFP Part III, Scope of Work & Requirements, Section 5.2.2.13, Requirement 295 has been modified as follows:

295	<p><u>The Contractor shall implement a power circuit design that routes all power from both utility service and the generator through the ATS and the UPS to be conditioned upstream of all RSS and RSS supporting equipment. The Contractor shall place all RSS equipment behind a UPS that is connected to the Constructor provided ATS, receiving power from utility service or generator when appropriate.</u></p>
-----	--

13. RFP Part III, Scope of Work & Requirements, Section 5.3.1, Requirement 345 has been modified as follows:

345	<p>The Contractor shall provide at their cost an annual information security risk assessment to be performed by a third-party Approved by NCTA and in consultation with NCDOT IT security. The Contractor shall provide the assessment results to NCTA.</p> <p>The Contractor, and third parties supporting the RTCS Information Environment, shall provide at their own cost applicable third-party risk assessment reports to NCTA that demonstrate the Contractor's compliance to industry accepted guidelines (e.g., SOC 2 Type II, ISO 27001, FedRAMP, PCI-DSS, etc.) before the Contractor is permitted to handle Restricted and Highly Restricted NCTA data, and annually thereafter. The Contractor shall adhere to the Statewide Information Security</p>
-----	--

14. RFP Part III, Scope of Work & Requirements, Section 5.3.2, Requirement 356 has been modified as follows:

356	<p>The Contractor shall provide a summary report of all events captured at the roadside. This report at a minimum will include:</p> <ul style="list-style-type: none"> • Date • Events transmitted to the OBO <p>This report will look back ninety (90) Calendar dDays and will be delivered daily.</p>
-----	---

15. RFP Part III, Scope of Work & Requirements, Section 5.3.2.1, Requirement 360 has been modified as follows:

360	<p>The Contractor shall provide read-only access to its pertinent databases above 30 Calendar Ddays prior to the start of FAT and work with NCTA to establish access to its system via temporary access using a cloud or on-premises storage, with VPN or other access point.</p>
-----	---

16. RFP Part III, Scope of Work & Requirements, Section 5.4 has been removed, which deletes Requirements 370 & 371.

5.4- ITS Requirements *Optional scope item to be determined by NCTA*	
370-	The Contractor shall integrate all ITS devices provided by the Constructor into their ITSM to monitor for maintenance purposes.
371-	The ITSM shall support the scheduling of preventive maintenance activities for ITS devices.

17. RFP Part III, Scope of Work & Requirements, Section 5.4 (previously Section 5.5), Requirement 373 (previously Requirement 375) has been modified as follows:

5.5-5.4. Data Retention	
372 <u>370</u>	Transactions and system logs shall be retained online in the TRH for ninety (90) Calendar Days and then archived and purged.
373 <u>371</u>	DVAS <u>video</u> shall be retained online for ninety (90) Calendar Days and purged.
374 <u>372</u>	Images shall be retained online in the TRH for ninety (90) Calendar Days and purged.
375 <u>373</u>	Zone Controller storage shall be sized to hold a minimum of ninety (90) Calendar dDays of one hundred percent (100%) of transactions, images and event data for each lane at the <u>tolling</u> location supported by the Zone Controller.

18. RFP Part III, Scope of Work & Requirements, Section 6 Maintenance Responsibilities and Services has been modified as follows:

<ul style="list-style-type: none"> a) Roadside Equipment; b) System Hardware Maintenance (servers, storage, network switches, firewalls, routers, etc.); c) System administration; d) Software support services; e) Network administration; f) Database administration; g) Monitoring services; h) Preventive maintenance.; i) Corrective maintenance.; j) Security and Confidentiality.; k) Intelligent Transportation System (ITS) Maintenance (optional).; and h) Facility Maintenance. <p>NCTA under a separate contract shall perform the following services, including but not limited to:</p> <ul style="list-style-type: none"> a) Federated IT Service Management system; b) Ongoing participation with NCTA's maintenance staff and involvement in meetings and processes; c) Provision of an ample spare parts inventory to meet all Performance Requirements if required by NCTA; and d) Level 1, 2, 3 CBOS/OBO Maintenance.

19. RFP Part III, Scope of Work & Requirements, Section 6.1.2, Requirement 386 has been deleted.

386	NCTA uses Service Now IT Service Management System. The Contract shall integrate into the Service Now IT service management system for the creation, updates, and closure of all incidents, change orders, and configuration in the RTCS.
387-384	The Contractor shall allow NCTA to add agent-based monitoring to the Contractor provided RTCS to monitor its applications, infrastructure, database and network systems including all external interfaces for the RTCS.

20. RFP Part III, Scope of Work & Requirements, Section 6.1.3, Requirement 397 (previously Requirement 400) has been modified as follows:

400-397	The Contractor shall maintain compatibility with all applicable AVI standards, including but not limited to the IAG Inter-CSC file versions, 6C TOC versions, and PROTOCOL SPECIFICATION SeGo versions. These upgrades are solely the responsibility of the contractor and shall be implemented with 90 Calendar <u>Days</u> of the standards being released.
--------------------	--

21. 21. RFP Part III, Scope of Work & Requirements, Section 6.1.6, Requirement 408 (previously Requirement 411) has been modified as follows:

	7) Installation, operation, maintenance and commissioning of access control technology;
	s) assisting NCTA operations staff as requested by NCTA;
	t) troubleshooting RTCS issues;
	u) creation of ad-hoc data queries requested by NCTA;
	Monitoring ITS devices (if included in scope);
	v) generation of queries as requested by NCTA; and
	w) analysis of data as requested by NCTA.

22. RFP Part III, Scope of Work & Requirements, Section 6.1.7.1, Requirement 415 has been deleted.

411	The Contractor shall be capable of providing and performing onsite preventive maintenance on the Roadside System Hardware, host Hardware, Contractor LAN/WAN communications Equipment, and Software in accordance with the Approved Maintenance Plan.
415	The Contractor shall inspect all ITS devices, both major components and support components (fans, cables, connectors, cabinets, Equipment racks) that constitute the ITS and shall make such repairs, cleaning, adjustments, and replacements of components as necessary to maintain the Equipment in normal operating condition in accordance with the Approved Maintenance Plan. *Optional scope item to be determined by NCTA*

23. RFP Part III, Scope of Work & Requirements, Section 6.1.7.2, Requirement 423 (previously Requirement 427) has been modified as follows:

423	All work performed by the Contractor to correct Software defects or problems to meet the requirements of the Contract shall be considered as corrective maintenance. Such problems include but are not limited to:
	a) failure of subsystem functions and devices;
	b) problems identified by the users, including the TMC, and customers;
	c) interface issues and devices;
	d) failure of processes and programs;
	e) data reconciliation issues;
	f) report issues;
	g) application failures;
	h) RTCS network issues;
	i) inadequate security posture;
	ITS device issues (if included in scope);
	j) degraded RTCS or component performance; and
	k) non-conforming availability or MTBF.

24. RFP Part III, Scope of Work & Requirements, Section 6.1.9, Requirement 434 has been deleted.

434	The Contractor shall be responsible for procuring, maintaining and storing spares for the ITS Equipment maintained under this Contract. *Optional scope item to be determined by NCTA*
----------------	---

25. The following statement in RFP Part III, Scope of Work & Requirements, Section 7.1.1 has been deleted:

<p>99.85%, the Contractor would be assessed 1 non-compliance point. If the availability were measured to be 99%, the Contractor would be assessed 9 non-compliance points.</p> <p>If a KPI exceeds the Requirement, points shall be subtracted from any assessed points for the month. Points do not carry over from month to month. If the points accumulated from exceeding the performance applicable performance KPIs exceed non-compliance points, the score card shall show a 0 non-compliance points. The Contractor shall not be entitled to any bonus payments for exceeding Performance Requirements.</p> <p>Below, Table III-2: Monthly RTCS Performance Requirements provides a summary of the KPIs for the Contractor. A detailed definition of each KPI and its associated Performance Requirement is provided in</p>

26. KPI #11 & KPI #12 have been removed as shown in Table III-2: Monthly RTCS Performance Requirements found in RFP Part III, Scope of Work & Requirements, Section 7.1.1.

**	Availability	CCTV and DMS-ITS Devices <i>(Optional scope item to be determined by NCTA)</i>	All CCTV and DMS Devices functioning properly 95% of the time, excluding scheduled and Approved maintenance.	1 point for each 1% or portion thereof below the requirement for CCTV and DMS-ITS devices.
North Carolina Turnpike Authority III-72 Issue Date: 03/09/2026				
Complete 540 Phase 2 Roadside Support System RFP Part III: Scope of Work and Requirements				
No.	Category	KPI	Performance Requirement	Points*
**	Availability	MVDs <i>(Optional scope item to be determined by NCTA)</i>	All MVDs functioning properly 95% of the time, excluding scheduled and Approved maintenance.	1 point for each 1% or portion thereof below the requirement for CCTV and DMS-ITS devices.

27. RFP Part III, Scope of Work & Requirements, Section 7.2.8, Requirement 481 (previously Requirement 486) has been modified as follows:

486, 481	The Contractor shall provide a schedule of all preventative and predictive maintenance MOT activities for the month by the 5th Calendar Day of the month.
487, 483	The Contractor shall provide a minimum of twelve (12) hours of notice prior to any changes to

28. Section 7.2.11 and Section 7.2.12 found in RFP Part III, Scope of Work & Requirements have both been deleted.

7.2.11. CCTV and DMS-ITS Devices	
The Contractor shall be responsible for maintaining the traffic management CCTV cameras and DMSs. If these devices are inoperable there is impact to NCDOT and NCTA's ability to manage the roadway in a safe and efficient manner.	
493	The Contractor will be assessed 1.0 point for each scheduled Preventive Maintenance that is not completed according to the schedule.
494	The CCTV and DMSs, with all of its subsystems, is properly functioning 95% of the time, collectively, excluding scheduled and Approved maintenance. Availability shall be calculated based on the following calculation: Availability = 1 - (chargeable downtime min / (minutes in period - exception min in period))
495	ITSM reports detailing the device availability along with ITSM and help desk tickets, work orders, and feedback from customers, BOS staff, NCTA staff, and consultants shall be utilized to identify availability failures.
7.2.12. MVD-ITS Devices	
The Contractor shall be responsible for maintaining the traffic management MVDs. If these devices are inoperable there is impact to NCDOT and NCTA's ability to manage the roadway in a safe and efficient manner.	
496	The MVDs, with all of its subsystems, is properly functioning 95% of the time, collectively, excluding scheduled and Approved maintenance. Availability shall be calculated based on the following calculation: Availability = 1 - (chargeable downtime min / (minutes in period - exception min in period))
497	ITSM reports detailing the device availability along with ITSM and help desk tickets, work orders, and feedback from customers, BOS staff, NCTA staff, and consultants shall be utilized to identify availability failures.

29. RFP Part III, Scope of Work & Requirements, Section 7.10, Requirement 500 (previously Requirement 510) has been modified as follows:

516-500	Performance reporting by the Contractor and any associated adjustments related to Performance Requirements shall begin for the period beginning on the first <u>Business</u> Day of the Operations and Maintenance Phase and shall continue for the duration of the Contract.
---------	---

30. RFP Table IV-1: Technical Proposal Page Limitations in Part IV, Proposal Content, Section 1.1 Content of Technical Proposal, has been modified as follows:

Table IV-1: Technical Proposal Page Limitations

Proposal Sections to be Completed by a Proposer	Page Count Limitations
Proposal Cover Sheet	Exhibit C-1
Cover Letter	Up to 1 page
Executive Summary	Up to 1 page
Section 1: Proposer Qualifications	Limited to a combined total of 5 pages
Section 2: Key Team Qualifications	
Section 3: Approach to Scope of Work & Requirements	Limited to 10 pages
Section 4: Approach to Project Plan, Implementation, Interfaces, and Testing	Limited to 10 pages
Section 5: Approach to Operations and Maintenance	Limited to 5 pages
Section 6: Adherence to the Scope of Work and Requirements, Terms and Conditions and Requirements Conformance Matrix	Limited to a combined total of 25 pages
Section 7: Forms & Submittals	No limitations
Appendix 1: Audited Financial Statements (Two Years)	No limitations
Appendix 2: Preliminary Bill of Materials (BOM)	No limitations

31. RFP Part IV, Proposal Content, Section 1.1.D has been modified as follows:

516-500	<p>D. Proposal Section 1: Proposer Qualifications</p> <p>Provide the following information regarding the Proposer’s qualifications and previous experience. Number and provide the information in the specific <u>format-order</u> provided below.</p> <ol style="list-style-type: none"> 1. A brief history and description of the Proposer’s organizational structure, including size, number of employees, capability and area(s) of specialization. 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: <ol style="list-style-type: none"> a. Completed, in the last five (5) calendar years, at least one (1) project working in AET or Express Lanes tolling; and b. Developed, designed, and implemented, in the last five (5) calendar years, at least one (1) Toll Transaction processing system, and experience with the design, development and implementation of cloud or virtual machine host technologies plus experience in integrating APIs. 3. A recent Client List using Exhibit C-3, including a detailed description of the size, total dollar value, and specific services provided for each client to which the Proposer provided similar services within the past five (5) calendar years. Specify the name, address, and telephone number of the individual responsible at the client organization for the supervision of such services. (Include in Proposal Section 7 and note in your response to this item <u>that it</u> has been provided in Proposal Section 7.) 4. The Proposer Company Reference Form using Exhibit C-9. The completed forms shall include at least two (2) references to demonstrate that the Proposer, in combination with its Subcontractors, has successfully developed and delivered at least one toll project. The Proposer shall have successfully maintained the implemented projects for at least one (1) calendar year. NCTA may or may not conduct reference checks for information provided by Proposers. (Include in Proposal Section 7 and note in your response to this item <u>that it</u> has been provided in Proposal Section 7.) 5. A copy of the Proposer’s audited financial statements for the past two consecutive years as Appendix 1. <u>(Include in Proposal Section 7 and note in your response to this item that it has been provided in Proposal Section 7.)</u> If a Proposer does not produce audited financial statements, the Proposer shall
---------	--

32. The introduction sentence in Part IV, Proposal Content, Section 1.1.E has been modified as follows:

E. Proposal Section 2: Key Team Qualifications

Provide the following information regarding the Proposer's Key Team qualifications, including Subcontractors. Please number and provide the information in the specific format order provided below.

33. Item #3 in RFP Part IV, Proposal Content, Section 1.1.E has been modified as follows:

3. Provide resumes (not to exceed two (2) pages per team member) for each of the primary AND successor Key Team Members. (Include in Proposal Section 7 and note in your response to this item that it has been provided in Proposal Section 7.)

34. RFP Part IV, Proposal Content, Section 1.1.F has been modified as follows:

1. Discuss Proposer's technical approach to satisfying all of the Requirements for the RTCS with focus on commercially available components that have sufficient redundancy, and reliability and availability to meet the Requirements. With the aid of drawings, describe how the Proposer's solution will meet the availability all technical and performance Requirements. (Drawings shall be provided as an Appendix and not counted towards the Technical Proposal page limitation. Note in your response to this item that they have been provided as an Appendix.)
2. Discuss the Proposer's technical approach to providing optimal performance for toll system Equipment while meeting the Performance Requirements as specified in **Part III, Scope of Work and Requirements**. Provide typical Proposer's solution drawings for toll zones equipment layout. (Drawings shall be provided as an Appendix and not counted towards the Technical Proposal page limitation. Note in your response to this item that they have been provided as an Appendix.)
3. Specifically address how the Proposer's RTCS solution and architecture will accommodate changes in technology given anticipated Upgrades, growth, and technology advances during the Contract Term.
4. Describe the Contractor's system security compliance with NCDOT IT Communication & Security Policies as described in **Part III, Scope of Work and Requirements, Section 5.3.1 and Attachment 2: State of North Carolina, Statewide Information Security Manual**. The Proposer shall describe its plan and how it continuously monitors security threats and outline its plan to identify, respond, mitigate and recover from any threats. At a minimum, the Proposer shall describe its patching management program including frequency, determination of when and how patches are performed and its change process to evaluate the risk of changes to any Hardware or Software in the RTCS to ensure the RTCS will operate and meet all Requirements throughout the Term of the Contract.
5. Describe clearly and with the aid of diagrams and flow charts the proposed System transaction processing logic from the initial sensor detection and transaction creation until the Toll Transaction and any related meta data or transactions is posted to the OBO; all updates are made to the Toll Transaction including the timing of such updates and how Toll Transactions are reconciled in the RTCS and between the RTCS and the OBO. Explain how the Proposer's System processes and frames vehicle transactions. Provide a diagram that identifies framing logic, timing and event processing with specific emphasis on vehicle spacing and the associated Performance Requirements of **Part III, Scope of Work and Requirements**. Details of the System's ability to handle single point of failures within each subsystem and handling of degraded mode operations and their impact on transaction processing and toll revenue shall be explained. (Proposers may include these diagrams/flowcharts as an Appendix which will not be counted towards the Technical Proposal page limitation. If provided as an Appendix, note in your response to this item that they have been provided as an Appendix.)

35. An introduction sentence has been added to RFP Part IV, Proposal Content, Section 1.1.G.

G. Proposal Section 4: Approach to Project Plan, Implementation, Interfaces, and Testing

Provide responses to the items below regarding the Proposer's approach to the project plan, implementation, interfaces, and testing. Please number responses and provide the information in the specific order provided below.

36. A new item #1 has been added to RFP Part IV, Proposal Content, Section 1.1.G.

- ~~1.~~ Detail the approach to project planning through design, development and documentation with a focus on meeting all Major Milestones. The Proposer shall provide a high-level schedule to support this plan. This schedule is not expected to be a full detailed schedule. (Proposers may include the high-level schedule as an Appendix which will not be counted towards the Technical Proposal page limitation. If provided as an Appendix, note in your response to this item that they have been provided as an Appendix.)
- ~~1.2.~~ Discuss the installation process and how Proposer intends to meet the installation requirements of Part III, Scope of Work and Requirements while meeting the schedule requirements for this Project.

37. RFP Part IV, Proposal Content, Section 1.1.G. has been modified as follows:

- ~~3.4.~~ The Proposer shall provide a Contractor Organization Chart that shows planned staffing for all levels of ~~a typical AET, this~~ Project. The Contractor Organization Chart shall provide a view for any anticipated adjustments during the lifecycle of this Project its product support and life cycle and a typical project implementation. (Include in Proposal Section 7 and note in your response to this item that it has been provided in Proposal Section 7.)
- ~~4.5.~~ Discuss the Proposer's responsibility to interface with a NCTA provided OBO that will support the existing Projects using ~~web services~~ Rest-based APIs. The Proposer shall use the ICD provided in **Attachment 6: OBO ICD** as a reference to discuss how it would integrate to a NCTA provided OBO. The Proposer shall describe its approach to integration with API's, testing and validation of such new systems or services. The Proposer shall include API's in its Technical Proposal if available and describe how the Proposer will work with NCTA to transition to future new services or upgrades to existing services.

38. RFP Part IV, Proposal Content, Section 1.1.H. has been modified as follows:

H. Proposal Section 5: Approach to Operations & Maintenance

Provide responses to the items below regarding the Proposer's approach to operations and maintenance. Please number responses and provide the information in the specific order provided below.

1. Discuss the Proposer's approach to Maintenance that will meet or exceed all Maintenance Services and warranty requirements as specified in **Part III, Scope of Work and Requirements**.
 - a. Approach to preventative maintenance including supporting the RTCS best practices including hardware firmware updates, software updates and verifying proper operations.
 - a.b. Approach to corrective maintenance including issue detection, issue prioritization and plan to resolve issues in a manner to minimize revenue loss.

5. Discuss the Proposers approach to how its solution provides ~~a~~ low total life cycle costs ~~including minimal preventative and corrective maintenance~~ while meeting all Requirements.

39. RFP Part IV, Proposal Content, Section 1.1.I. has been modified as follows:

I. **Proposal Section 6: Adherence to the Scope of Work and Requirements, Terms and Conditions and Requirements Conformance Matrix**

Provide responses to the items below. Please number responses and provide the information in the specific order provided below.

1. The Proposer shall complete and submit the Requirements Conformance Matrix which is provided as **Exhibit C-8**. The matrix covers each of the functional and technical requirements set forth in **Part III, Scope of Work and Requirements**. (Include in Proposal Section 7 and note in your response to this item that it has been provided in Proposal Section 7.)
 - a. Proposers are not to alter the Requirements listed in Exhibit C-8 in any way and shall use the worksheets provided. The Proposer shall submit **BOTH** a PDF and Excel version of the completed matrix.
 - b. If a Proposer indicates in the Requirements Conformance Matrix that a Technical Requirement is not provided ("N"), the specific Requirement(s) to which exception is taken shall also be separately identified and explained in this Proposal Section 6. For each of the "N" items, indicate a description of the exception taken in the comment's column of the Requirements Conformance Matrix and provide a more detailed explanation in this Proposal Section 6, including the Section and Requirement number.
- ~~2. The Proposer shall submit its Proposal, including the Price Proposal, on the basis of the terms and conditions set out in Part V, Terms and Conditions. NCTA may reject any Proposal that is conditioned on the negotiation of Terms and Conditions set out in Part V, Terms and Conditions or to other provisions of the RFP as specifically identified above.~~
- ~~3.2.~~ Proposers may identify and describe any key assumptions made related only to **Part III, Scope of Work and Requirements**. **Part III, Scope of Work and Requirements** assumptions may be considered during the Proposal evaluation process at the sole discretion of NCTA. No assumptions regarding the terms and conditions of the Contract shall be included in the Proposal. An "assumption" is a Proposer's stated expectation or supposition that would require a change to an RFP term and condition or the addition or deletion of an RFP term and condition.
- ~~3.~~ Proposers shall detail their adherence to the Requirements contained in Part III, Scope of Work and Requirements.
- ~~4.~~ The Proposer shall clearly identify any proposed exceptions to the Terms and Conditions in this Proposal Section 6, which will be considered in accordance with **Part I, Administrative**, Section 2.16 Contractual Obligations. The Contractor waives the right to raise new exceptions and alternatives during and after negotiations, however, any details not yet defined in the documents by NCTA may still be negotiated.
 - a. The Proposer shall submit its Proposal, including the Price Proposal, on the basis of the terms and conditions set out in Part V, Terms and Conditions. NCTA may reject any Proposal that is conditioned on the negotiation of Terms and Conditions set out in Part V, Terms and Conditions or to other provisions of the RFP as specifically identified above.

40. RFP Part IV, Proposal Content, Section 1.1.K Proposal Appendices has been modified as follows:

The Proposer shall submit the following materials in the form of Proposal Appendices:

1. Appendix 1: Audited Financial Statements (Two Years)
- ~~2.~~ Appendix 2: Preliminary Bill of Materials (BOM) that details all Equipment and third-party products provided and will become the basis for the complete, Approved parts list, including spare parts for AET Lanes
- ~~3.~~ Supplemental Appendices (if applicable) - In response to Proposal Section 3 and/or Proposal Section 4, if a Proposer elects to provide the drawings, diagrams, flowcharts, and/or high-level schedule as one or more Appendices, they must be provided here.

41. Item #1 in Part IV, Proposal Content, Section 1.2 Format of Technical Proposal has been modified as follows:

1.2. Format of Technical Proposal

1. **Form of Technical Proposal.** Submit Technical Proposals only electronically on a USB flash drive.
 - a. The electronic copy shall be provided in a **searchable (NOT SCANNED)** *.pdf format. Any Proposal Exhibits or information prepared either as graphics or with other programs such as scheduling programs shall be viewable in a *.pdf file without any other software required for Proposal review.
 - i. **PDF File 1:** The following Sections shall be combined into a single *.pdf file: **Exhibit C-1: Proposal Cover Sheet**, Cover Letter, Executive Summary, and Proposal Sections 1 – 6.
 - ii. **PDF File 2:** The following Section shall be a single *.pdf file: Proposal Section 7.
 - iii. **PDF File 3:** Appendix 1 **and Appendix 2 shall be combined into a single *.pdf file.**
 - iv. **PDF File 4:** **Appendix 2 Supplemental Appendices (if applicable)**

42. Item #3 in Part IV, Proposal Content, Section 1.2 Format of Technical Proposal has been modified as follows:

3. **Page Presentation.** Technical Proposal text shall be single-spaced and a minimum of 12-point Times New Roman font. 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.

NCTA will not be responsible for reviewing portions of proposals with illegible text.

Non-body text elements such as Headers and footers, **exhibits, figures, graphics, and tables** may be in different size fonts from that specified but no less than 9-point font.

43. Eight (8) references to "Day" in RFP Part V, Terms and Conditions have been updated to state "Calendar Day(s)".

44. RFP Part V, Terms and Conditions, Section 3.6.1 Internal/Embedded Software License and Escrow, has been modified as follows:

3.6.1. Internal/Embedded Software License and Escrow

This section on Software licenses and Software in escrow applies to any source code developed or modified specifically for NCTA, application customizations and configuration settings, internal embedded Software, firmware and unless otherwise provided in this NCTA RFP, or in an attachment hereto:

1. Deliverables comprising goods, Equipment or products (Hardware) may contain Software for internal operation, or as embedded Software or firmware that is generally not sold or licensed as a severable Software product. Software may be provided on separate media or may be included within the Hardware at or prior to delivery. Such Software is proprietary, copyrighted, and may also contain valuable trade secrets and may be protected by patents.
2. Contractor grants NCTA an unrestricted license to NCTA to use any non-commercial **S**software provided under this Contract, for any reasonable purpose for NCTA toll Operations. NCTA shall have a worldwide, nonexclusive, non-sublicensable license to use **such** Software and/or Documentation for its internal use. NCTA may make and install copies of the Software to support any NCTA use on the NCTA System.

45. **Appendix F: Restrictions on ITS Equipment and Services** has been deleted due to the removal of the ITS maintenance from the scope of the RFP.

Note: A new version of the Appendices file has been uploaded to the **NCTA Connect Site**. Download the file titled *Appendices – Per Addendum 2*.

List of Appendices
Appendix A – Standard Special Provision Title VI
Appendix B – Policies and Procedures for the Procurement of Commodities and Services
Appendix C – Standard Special Provision Required Contracts Provisions Federal-Aid Construction Contracts
Appendix D - Standard Special Provisions U.S. Department of Transportation Hotline/ Cargo Preference Act/ Buy America
Appendix E – Standard Special Provision Minimum Wages
Appendix F – Restrictions on ITS Equipment and Services
Appendix G – Certification for Federal-Aid Contract

46. The modification below has been made to **Exhibit A: Project Implementation Schedule**.

Note: A new version of the Exhibits file has been uploaded to the **NCTA Connect Site**. Download the file titled *Exhibits – Per Addendum 2* to access the updated version of Exhibit A.

Installation and System Acceptance (NTP2) <i>NTP2 will be issued once design-build group has provided all scoped AET infrastructure for toll system integrator use.</i>	Mar 2028 <i>(Estimate)</i>	
Installation and Commissioning Approved Ready for Go-Live - Tolling	--	40 Calendar Days after

47. Modifications have been made to **Exhibit B-1: Price Proposal Instructions**. Shown below are the main modifications, but please reference the latest version of Exhibit B-1 to see the rest of the modifications throughout Exhibit B-1.

Note: A new version of the Exhibits file has been uploaded to the **NCTA Connect Site**. Download the file titled *Exhibits – Per Addendum 2* to access the updated version of Exhibit B-1.

Sheet Number	Sheet Title
1	NCTA Triangle Expressway C540 P2 Project Summary
2	RSS Summary
2-1	Backup RSS <i>3 Lane</i>
2-2	<i>Backup-ITS Backup RSS 5 Lane</i>
<i>2-3</i>	<i>Backup RSS Spares</i>
3	TRH Summary
3-1	Backup TRH
4	Toll System Implementation
4-1	Backup Toll System Implementation
5	RSS Maintenance
5-1	Backup Base Contract and Optional Extensions: Triangle Expressway C540 P2 RSS Maintenance Cost Summary – Labor and Other Direct Cost Items by Month
6	TRH Maintenance
6-1	Backup Base Contract and Optional Extensions: Triangle Expressway C540 P2 TRH Maintenance Cost Summary – Labor and Other Direct Cost Items by Month
7	Facility Maintenance
7-1	Backup Base Contract and Optional Extensions: Triangle Expressway C540 P2 Facility Maintenance Cost Summary – Labor and Other Direct Cost Items by Month
<i>8</i>	<i>ITS Maintenance</i>
<i>8-1</i>	<i>Backup Base Contract and Optional Extensions: Triangle Expressway C540 P2 ITS Maintenance Cost Summary – Labor and Other Direct Cost Items by Month</i>
9-1	Labor Rates for Future Additional Services

48. The following modifications have been made to **Exhibit B-2: Pricing Sheets**:

Note: A new version of the Exhibits file has been uploaded to the **NCTA Connect Site**. Download the file titled *Exhibits – Per Addendum 2* to access the updated version of Exhibit B-2.

- a) *Tab 1 Project Summary*: All ITS implementation and maintenance line items removed, row added for RSS-002 Toll Zone Type Expressway: 2 x 12' shoulder + 5 x 12' travel and RSS-03 Initial RSS Spares and Miscellaneous.
- b) *Tab 2 RSS Summary*: All ITS implementation line items removed.
- c) *Tab 2-1 RSS Backup*: Tab name changed to "2-1 RSS Backup 3 Lane".
- d) *Tab 2-2 Backup ITS*: SHEET REMOVED.
- e) *Tab 2-2 Backup RSS 5 Lane*: SHEET ADDED.
- f) *Tab 2-3 Backup RSS Spares*: SHEET ADDED.
- g) *Tab 5-1 Backup RSS Maint*: Updated Cell B2 to include the 5-lane configuration.
- h) *Tab 8 ITS Maintenance*: SHEET REMOVED.
- i) *Tab 8-1 Backup TRH Maint*: SHEET REMOVED.

49. The following modifications have been made to **Exhibit C-8: RCM**:

Note: A new version of the Exhibits file has been uploaded to the **NCTA Connect Site**. Download the file titled *Exhibits – Per Addendum 2* to access the updated version of Exhibit C-8.

- a) *Tab 1 Instructions*: Updated language in Row 3 & Row 5.
- b) *Tab 2 RFP Part III Functional Reqs*: Removal of all non-functional requirements (only functional requirements remain) and the requirement numbering has been updated to reflect the new requirement numbers per RFP Version 2 (per Addendum 2).

50. The following design drawing files have been added to **Attachment 4: Infrastructure Design Drawings**:

Note: A new version of the Attachments file has been uploaded to the **NCTA Connect Site**. Download the file titled *Attachments – Per Addendum 2* to access the updated version of Attachment 4.

- a) A-RFC AET Plans
- b) A-ITS RFC Plans
- c) B-RFC ITS AET Plans

51. The following modifications have been made to **Attachment 9: KPI Guidebook** due to the removal of optional ITS from the RFP scope:

Note: A new version of the Attachments file has been uploaded to the **NCTA Connect Site**. Download the file titled *Attachments – Per Addendum 2* to access the updated version of Attachment 9.

- a) Removal of KPI 11 – CCTV and DMS Availability Section
- b) Removal of KPI 12 – MVD Availability Section

52. A new Attachment named **Attachment 11: Design Build Product Sheets** has been added.

Note: A new version of the Attachments file has been uploaded to the **NCTA Connect Site**. Download the file titled *Attachments – Per Addendum 2* to access this new Attachment 11.

List of Attachments

Attachment 1 – NCTA Business Policies

Attachment 2 - State of NC, Statewide Info. Security Manual

Attachment 3 - Design Build Contracts

Attachment 4 - Infrastructure Design Drawings

Attachment 5 - Project Responsibility Matrix

Attachment 6 - OBO ICD

Attachment 7 - Lane Closure Restrictions

Attachment 8 - Future Transaction Projections

Attachment 9 - KPI Guidebook

Attachment 10 – Preventative Maintenance Checklist

[Attachment 11 – Design Build Product Sheets](#)