

Addendum No. 2

May 6, 2016

Roadside Toll Collection System (RTCS) Request for Proposals (RFP)

Monroe Expressway and US-74 Express Lanes

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 RTCS RFP

All other terms, conditions and requirements of the original RFP dated April 14, 2016 remain unchanged unless modified by this Addendum.

A. QUESTIONS AND ANSWERS

Following are the answers to questions submitted in response to the above referenced RFP as of May 3, 2016. All of the questions have been listed in the order received by the North Carolina Turnpike Authority (NCTA).

Proposer Questions		North Carolina Turnpike Authority (NCTA)			
#	Page	Section	Section Description	Proposer Question	NCTA Response
1.	N/A	Cover Page	Mandatory Pre-Proposal Meeting information	Our firm is interested in attending the Mandatory Pre-Proposal Scope of Services Meeting for the NCTA Roadside Toll Collection System project on April 28th, 2016. Has the location been determined? Also, do you require notification about who and how many people will be attending?	Please see the NCTA's website (http://www.ncdot.gov/turnpike/business/) for Addendum I, which includes the information you requested. Please note that an RSVP is not required.
2.	N/A	Cover Page	Mandatory Pre-Proposal Meeting information	With the Preproposal coming up next week on the 28th, I was wondering if you had any additional information regarding the time and location of the pre-proposal meeting?	See response to Question 1.
3.	N/A	Cover Page	Mandatory Pre-Proposal Meeting information	In regard to the pre-proposal meeting that is scheduled on April 28 for the above referenced project, has the time and location of this meeting been finalized? I am assuming the meeting will be in Raleigh, but wanted to confirm that to be correct and also confirm the meeting time to make necessary arrangements to attend. Please advise at your earliest convenience, and thank you.	See response to Question 1.
4.	N/A	Cover Page	Mandatory Pre-Proposal Meeting information	Has the time and place for the mandatory pre-proposal meeting for the Roadside Toll Collection System RFP US-74 Express Lanes been finalized yet?	See response to Question 1.

Proposer Questions			North Carolina Turnpike Authority (NCTA)		
#	Page	Section	Section Description	Proposer Question	NCTA Response
5.	N/A	Cover Page	Mandatory Pre-Proposal Meeting information	Could you please tell provide the location of the Mandatory Pre-proposal Scope of Services Meeting. We are starting to make our travel arrangements now in preparation for the meeting next week.	See response to Question 1.
6.	N/A	N/A	Mandatory Pre-Proposal Meeting information	Thanks for providing the very informative bidders meeting last week. During that meeting it was indicted that the presentation made that day would be posted. I just checked the RFP web site and did not see that presentation. Am I checking the right location?	Yes, both the attendee list and Pre-Proposal presentation were posted on website and emailed to Project Email List on May 3, 2016.
7.	N/A	N/A	Mandatory Pre-Proposal Meeting information	It was a pleasure meeting you and the rest of your team last week in Raleigh and I'm excited to provide you our proposal. I would like to request a copy of the slides used in the meeting if they're available.	See response to Question 6.
8.	N/A	N/A	Asked during Pre-Proposal Meeting	May we receive a copy of all companies present today (Mandatory Pre-Proposal Meeting)?	See response to Question 6.
9.	N/A	N/A	Asked during Pre-Proposal Meeting	Is the 50 feet between gantries set or can a proposer provide a distance that is optimal for system performance?	Please note the follow-up to the oral answer provided at the pre-Proposal meeting: NCTA has engaged the Design-Build Constructor to determine if there is flexibility in the spacing of the gantries and will provide a response in a subsequent addendum as to whether changes in the gantry spacing will be allowed.

B. REVISIONS (Deletions are shown in red text strikeout mode and additions are in red text and underlined)

1. Section I, Administrative, Section 1.1 Background and Purpose on page 1 of 18 (page 7 of 331 in original RFP PDF file) - First sentence in first paragraph, change “NCTA” to “Department”, as follows:

The North Carolina Turnpike Authority (NCTA), a business unit of the North Carolina ~~NCTA~~ Department of Transportation, was formed in 2002 by the North Carolina General Assembly.

2. Section I, Administrative, Section 2.13 Proposal Submittal Deadline on page 8 of 18 (page 14 of 331 in original RFP PDF file) - Edit the first sentence as follows:

Complete and separate Technical Proposals and Price Proposals shall be delivered to the front desk of the North Carolina Department of Transportation (NCDOT) building location presented on the cover page of this RFP in Section I, Administrative, Section I, Notice of Request for Proposals, before the due date and time provided in Table I-1 Procurement Schedule, where they will be logged in as received.

3. Section I, Administrative, Section 2.18 Contractual Obligations on page 9 of 18 (page 14 of 331 in original RFP PDF file) - Edit the last sentence as follows:

Further, all exceptions must be taken in accordance with the instructions set forth in in Section IV, Proposal Contents and Submission, Section 1.2 Content of Technical Proposal (~~H~~. Proposal Section 6).

4. Section IV, Proposal Contents and Submission, Section 1.2 Content of Proposal, Table 4 -1 Proposal Page Limitations on page 1 of 20 (page 271 of 331 in original RFP PDF file) - Delete the following:

Appendix 2: Draft Schedule	No limitations
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- a. Renumber the remaining appendices in Table 4-1 to the following:

Appendix 32 : Audited Financial Statements	No limitations
Appendix 43 : Preliminary Bill of Materials (BOM)	No limitations
Appendix 54 : Sample Reports	No Limitations

- b. Renumber appendices throughout the RFP to match the updated appendices' numbers noted above in 3.a., specifically:

- i. Section IV-1.2, C. Proposal Section 1: Firm Qualifications, #4: Change Appendix 3 to Appendix 2 (two references)
- ii. Section IV-1.2, E. Proposal Section 3: Approach to Scope of Work and Requirements, #4.a: Change Appendix 5 to Appendix 4
- iii. Section IV-1.2, E. Proposal Section 3: Approach to Scope of Work and Requirements, #10: Change Appendix 2 to Appendix 3 (two references)
- iv. Section IV-1.2, E. Proposal Section 3: Approach to Scope of Work and Requirements, #19: Change Appendix 5 to Appendix 4

- v. Section IV-1.2, E. Proposal Section 3: Approach to Scope of Work and Requirements, #21.a: Change Appendix 4 to Appendix 3
- c. Renumber the appendices in Section IV, Proposal Contents and Submission, Section 1.2 Content of Proposal, J. Proposal Appendices on page 17 of 20 (page 287 of 331 in original RFP PDF file) as follows:
 - Appendix 1. – Hardware Cut Sheets
 - ~~Appendix 2. – Draft Schedule~~
 - Appendix ~~32.~~ – Audited Financial Statements (Two Years)
 - Appendix ~~43.~~ – 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.
 - Appendix ~~54.~~ – Sample Reports

- 5. Section IV, Proposal Contents and Submission, Section 1.2 Content of Proposal, C. Proposal Section 1: Firm Qualifications, #6.b on pages 3-4 of 20 (page 274-275 of 331 in original RFP PDF file) - Edit the first sentence of paragraph b. as follows:

The Proposer, in combination with its Subcontractors, shall have successfully developed and delivered at least one (1) dynamically priced toll project that includes AVI and image-based transactions, toll rate calculation, transaction packaging and processing, and ~~the how~~ ITS elements and devices such as variable toll message signs and detectors ~~that~~ were ~~also~~ integrated into the system.

- 6. Section IV, Proposal Contents and Submission, Section 1.2 Content of Proposal, D. Proposal Section 2: Key Team Qualifications, Table 4-2, Key Team Personnel Roles and Commitments, Maintenance Manager on page 5 of 20 (page 275 of 331 in original RFP PDF file) - Edit the description as follows:

Responsible for the ~~installation Maintenance and Commissioning~~ of the System (can be combined with Installation Manager).

- 7. Section IV, Proposal Contents and Submission, Section 1.2 Content of Proposal, F. Proposal Section 4: Approach to Project Plan and Implementation on page 12 of 20 (page 282 of 331 in original RFP PDF file) change as follows:

- a. Edit the following sentences as shown:
 - i. *Second paragraph of section:* This list of milestones is not intended to include all Project milestones of the Project, but to present planned major milestones to allow the Proposer sufficient detail to develop a meaningful Preliminary Project ~~Implementation~~ Schedule as a part of its Proposal.
 - ii. *Item #2 of section:*
 - 1. Provide a Preliminary Project ~~Implementation~~ Schedule in MS Project format that meets the schedule guidelines set forth above and is based on the **Exhibit A, Project Implementation Schedule**.
 - 2. All major elements of the Project requirements shall be addressed in the Preliminary ~~Implementation~~ Project Implementation Schedule, including draft submissions, review cycles and final Approvals.

- b. Add the following sentence after the sentence noted above in 7.a.ii.2:
 - i. Include the Preliminary Project Implementation Schedule in Proposal Section 7 and note in your response to this item that it was provided in Proposal Section 7.
- c. Section IV, Proposal Contents and Submission, Section 1.2 Content of Proposal, F. Proposal Section 7: Forms and Submittals, Table 4-3: Forms and Submittal Checklist, Other Proposal Submittals on page 17 of 20 (page 287 of 331 in original RFP PDF file)
 - i. Change Preliminary Project Schedule to be located in Technical Proposal Section 7, not Section 4, as follows.

N/A	Preliminary Project Implementation Schedule	See Section IV-1.2	Technical Proposal Section 47
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- d. Section V, Terms and Conditions, Section 2.5.1. Time Extensions and Schedule Changes on page 20 of 37 (page 315 of 331 in original RFP PDF file) - Edit as follows:
 - i. *Item #1 of section:*
 - I. Within ~~fourteen~~ **ten** (14) Calendar Days of Notice to Proceed the Contractor shall submit a Preliminary Project **Implementation** Schedule for Approval in accordance with the Requirements set forth in **Section III, Scope of Work and Requirements**. The Approved Preliminary Project **Implementation** Schedule at the time of the execution of the Agreement shall be included as Exhibit X, Preliminary Project **Implementation** Schedule.
 - ii. *Item #2 of section:*
 - I. The Contractor shall clearly label each update against the Approved Preliminary Project **Implementation** Schedule, pursuant to the Requirements of the Approved Project Management Plan.
- 8.** Section V, Terms and Conditions, Section 1.11 Order of Precedence, #1 on page 18 of 37 (page 312 of 331 in original RFP PDF file) - Edit as follows:
- I. Executed Agreement, including RFP, all executed RFP addenda, BAFO (if applicable), and Amendments, excluding items ~~3e~~ and ~~4.d~~

9. Replace Exhibit A – Project Implementation Schedule on pages 3 and 4 of 324 in original Exhibits PDF file in its entirety with the following:

Exhibit A - Project Implementation Schedule		
Major Milestone Description	Projected Start	Projected End
Notice to Proceed	11/1/2016	--
Project Kickoff Meeting	11/1/2016	--
Project Planning Documentation (Project Schedule, Project Management Plan, Master Test Plan)	Nov. 2016	Jan. 2017
System Design (US-74 Express Lanes and Monroe Expressway)		
Requirements Review / Business Rules Workshops	Nov. 2016	Dec. 2016
Reports Design Workshops	Dec. 2016	Jan. 2017
System Detailed Design Review		Jan. 2017
Bill of Materials		Jan. 2017
Third Party Hardware and Software Documentation Submitted		Jan. 2017
Draft System Detailed Design Document (SDDD) Approved		Feb. 2017
Final System Detailed Design Document (SDDD) Submitted		Mar. 2017
RTCS Installation Design and Documentation Package Approved		Apr. 2017
System Development, Installation and Test (US-74 Express Lanes)		
Software Development	Apr. 2017	Jul. 2017
System Formal Demonstration		May 2017
System HW & SW Procurement	Apr. 2017	Jul. 2017
Factory Acceptance Test (FAT)	Jun. 2017	Jul. 2017
Final Installation Plan Approved		Jul. 2017
<i>Installation and Testing of US-74 Tolling Location</i>	Aug. 2017	Sep. 2017
Onsite Installation Test (OIT)	Oct. 2017	Nov. 2017
NCTA CSC Back Office Interface Test		Dec. 2017
Installation and Commissioning Test	Dec. 2017	Feb. 2018
Maintenance Plan		Jan. 2018
Training Complete		Feb. 2018
US-74 Express Lanes Go-Live (Time of Day Pricing)		3/1/2018
Dynamic Pricing Calibration and Testing	Mar. 2018	Jun. 2018
US-74 Express Lanes Go-Live (Dynamic Pricing)		Jun. 2018
Final Testing and Phase Closeout (US-74 Express Lanes)		
Formal Operational and Acceptance Testing	3/1/2018	5/15/2018
As-Built System Detailed Design Document (SDDD) Approved		May 2018
As-Built Drawing Package Approved		May 2018
System Operations / Acceptance (Start of Maintenance Phase for US-74)		6/1/2018
System Development, Installation and Test (Monroe Expressway)		
Software Development	Jul. 2017	Jan. 2018
System Formal Demonstration		Jan. 2018
System HW & SW Procurement	Dec. 2017	Mar. 2018
Factory Acceptance Test (FAT)	Mar. 2018	Apr. 2018
Final Installation Plan Approved		Apr. 2018

Exhibit A - Project Implementation Schedule		
Major Milestone Description	Projected Start	Projected End
Installation of Monroe Expressway - Zone 7	May 1, 2018	Jun. 2018
Onsite Installation Test (OIT)	Jun. 2018	Jun. 2018
NCTA Back Office Interface Test		Jun. 2018
Installation and Commissioning Test	Jun. 2018	Jun. 2018
Remaining Installations on Monroe Expressway:	Jun. 2018	Nov. 2018
Monroe Expressway - Zone 6	Jun. 2018	Jul. 2018
→ Installation and Commissioning Test		Jul. 2018
Monroe Expressway - Zone 5	Jul. 2018	Aug. 2018
→ Installation and Commissioning Test		Aug. 2018
Monroe Expressway - Zone 4	Aug. 2018	Sep. 2018
→ Installation and Commissioning Test		Sep. 2018
Monroe Expressway - Zone 3	Aug. 2018	Sep. 2018
→ Installation and Commissioning Test		Sep. 2018
Monroe Expressway - Zone 2	Sep. 2018	Oct. 2018
→ Installation and Commissioning Test		Oct. 2018
Monroe Expressway - Zone 1	Oct. 2018	Nov. 2018
→ Installation and Commissioning Test		Nov. 2018
Maintenance Plan		Nov. 2018
Training Complete		Nov. 2018
Monroe Expressway Go-Live		11/26/2018
Final Testing and Phase Closeout (Monroe Expressway)		
Formal Operational and Acceptance Testing	11/26/2018	1/15/2019
As-Built System Detailed Design Document (SDDD) Approved		Jan. 2019
As-Built Drawing Package Approved		Jan. 2019
System Operations / Acceptance (Start of Maintenance Phase for Monroe)		2/1/2019

NOTE: Proposers may identify and propose changes to the interim milestones on the Project Schedule; however, it is critical that the milestone dates in **italicized & bold font** are achieved on the dates shown in the schedule.