

## Exhibits

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# Exhibit A

## Project Implementation Schedule

Note: Exhibit A will be issued for each Task Order with Deadlines. Below is the Schedule for Task Order #1 and #2.

<b>Exhibit A - Project Implementation Schedule</b>		
<b>Major Milestone Description</b>	<b>Projected Start</b>	<b>Projected End</b>
<b>Implementation Phase Notice to Proceed</b>	April 2024	--
<b>Project Kickoff Meeting</b>	April 2024	April 2024
<b>Wrong-Way Driver Detection and Notification System Design and Project Plan</b>	April 2024	May 2024
<b>Onsite Installation Test</b>	October 2024	October 2024
System Acceptance Test	November 2024	November 2024
Training and Commissioning	December 2024	December 2024

# Exhibit B

## Payment Schedule

**Exhibit B - Payment Schedule - TO BE COMPLETED FOR EACH PRPROJECT**

A. Payments for Implementation Wrong Way Detection and Notification System Design and Development (Implementation Phase Notice to Proceed)					\$	-
Payment Number	Payment Milestone	Pay Items	% Paid (Maximum)	Cum. % Paid		
A-1	Notice to Proceed	Implementation Phase Notice to Proceed	5.00%	5.00%	\$	-
A-2	Wrong Way Detection and Notification System Design and Project Plan	Project Management Documents Approved (PMP, Project Schedule and Quality Management Plan), and Design Documents Approved	10.00%	15.00%	\$	-
A-4	Onsite Installation Testing (OIT)	Installation Plan Approved, Test Documentation and Onsite Installation Testing Approved - First Site	10.00%	25.00%	\$	-
A-5	WWDDNS Manuals and Training	Manuals Approved and Training Approved	10.00%	35.00%	\$	-
A-6	Location OIT	Installation and Testing Approved				
A-7a	Location OIT	Installation and Testing Approved - Location 1	5.00%	40.00%	\$	-
A-7b	Location OIT	Installation and Testing Approved - Location 2	5.00%	45.00%	\$	-
A-7c	Location OIT	Installation and Testing Approved - Location 3	5.00%	50.00%	\$	-
A-7d	Location OIT	Installation and Testing Approved - Location 4	5.00%	55.00%	\$	-
A-7e	Location OIT	Installation and Testing Approved - Location 5	5.00%	60.00%	\$	-
A-7f	Location OIT	Installation and Testing Approved - Location 6	5.00%	65.00%	\$	-
A-7g	Location OIT	Installation and Testing Approved - Location 7	5.00%	70.00%	\$	-

A-7h	Location OIT	Installation and Testing Approved - Location 8	5.00%	75.00%	\$ -
A-7i	Location OIT	Installation and Testing Approved - Location 9	5.00%	80.00%	\$ -
A-7j	Location OIT	Installation and Testing Approved - Location 10	5.00%	85.00%	\$ -
A-7k	Location OIT	Installation and Testing Approved - Location 11	5.00%	90.00%	\$ -
A-7l	Location OIT	Installation and Testing Approved - Location 12	5.00%	95.00%	\$ -
A-9	WWDDN System Acceptance (SAT)	Operational and System Acceptance Test Approved, As-builts Approved and Implementation Phase Closed Out	15.00%	100.00%	\$ -

B. Payments Related to Hardware, Equipment and Installation (Installation Notice to Proceed)				
Payment Number	Payment Milestone - The Payment Milestones will be subject to change based on Each project.	% Paid	Cum.% Paid	
	Express Lanes			\$ -
B-3	Installation Approved			
B-3a	Installation Approved - Location 1	8.33%	8.33%	\$ -
B-3b	Installation Approved - Location 2	8.33%	16.67%	\$ -
B-3c	Installation Approved - Location 3	8.33%	25.00%	\$ -
B-3d	Installation Approved - Location 4	8.33%	33.33%	\$ -
B-3e	Installation Approved - Location 5	8.33%	41.67%	\$ -
B-3f	Installation Approved - Location 6	8.33%	50.00%	\$ -
B-3g	Installation Approved - Location 7	8.33%	58.33%	\$ -
B-3h	Installation Approved - Location 8	8.33%	66.67%	\$ -
B-3i	Installation Approved - Location 9	8.33%	75.00%	\$ -
B-3j	Installation Approved - Location 10	8.33%	83.33%	\$ -

# Exhibit C

## Price Proposal Instructions



## GENERAL INSTRUCTION

Proposers shall complete their Price Proposals in accordance with the following instructions:

1. The Price Proposal Forms are provided in Excel format worksheets for ease of completion and checking. The Excel version of the Price Proposal shall be downloaded from the NCTA's Website at <https://connect.ncdot.gov/business/Turnpike/Pages/default.aspx>.
2. Proposers shall submit their Price Proposals on the Price Proposal Forms included in RFP, Exhibit D - Forms. Price Proposals shall be submitted separately from the Technical Proposal as further instructed in the RFP. Price Proposals shall be submitted in the quantities and manner identified in the RFP.
3. The Price Proposal Forms **shall constitute a maximum Price Proposal for compensation** for the performance of the Contractor's obligations and Work under the Wrong-Way Driver Detection and Notification Systems project. NCTA may add additional detailed items related to the scope of work in each Project.
4. Proposers must complete the Price Proposal Forms in their entirety. The Price Proposal Forms for the Project are outlined in Exhibit D-6.
5. NCTA may waive or correct any error appearing in a Proposer's completed Price Proposal Forms if the correct amount can be clearly ascertained from the information provided; however, NCTA is under no obligation to do so. In the event of an inconsistency between the amount stated in numbers and the amount stated in written words, the amount stated in written words will control. In the event of a mathematical miscalculation, the correct sum will control.
6. An officer of the Proposer or an individual otherwise authorized in writing by an officer of the Proposer must sign and date Sheet I in the appropriate place as identified.
7. All elements of the Price Proposal must be completed. If zero quantities are included for a line item in the Proposal, a zero must be entered into the corresponding cell. In addition, all items are identified by NCTA in the Price Proposal Forms will be assumed to be included in the Price Proposal.
8. NCTA reserves the right to reject Price Proposals that are not completed in accordance with the instructions set forth herein.
9. For the first two Task Orders submitted with the RFP, no price escalation beyond CPI adjustments will be allowed above the costs provided on the Price Proposal Sheets to complete this Work. For subsequent task orders, an updated price proposal will be obtained.
10. The Price Proposal shall include all costs, fees, and applicable taxes needed to meet the requirements of the RFP, included in **Part III, Scope of Work and Requirements**. Implementation and future task order scenario pricing should be entered in 2024-dollar values. Maintenance labor costs should be entered in 2024-dollar values. No price escalation beyond CPI adjustments will be allowed above the costs provided on the Price Proposal Forms to complete the Work for this Price Proposal. Prices shall be the maximum Price for work outlined in this Exhibit C.

# Exhibit D-I

## Proposal Cover Sheet

(A Word version of the Proposal Cover Sheet is “paper clipped” to this NCTA Exhibits file for ease of completion.)

**NORTH CAROLINA TURNPIKE AUTHORITY  
WRONG-WAY DRIVER DETECTION AND NOTIFICATION SYSTEMS  
REQUEST FOR PROPOSALS**

**EXECUTION:** In compliance with this Request for Proposal, and subject to all the conditions herein, the undersigned offers and agrees to furnish any or all Services or goods upon which prices are offered, at the price(s) offered herein, within the time specified herein. By executing this offer, I certify that this offer is submitted competitively and without collusion.

Failure to execute/sign offer prior to submittal shall render Proposal invalid. Late offers are not acceptable.

BIDDER:		
STREET ADDRESS:		P.O. BOX:
CITY & STATE & ZIP:		TELEPHONE NUMBER:
PRINT NAME & TITLE OF PERSON SIGNING:		TOLL FREE TEL. NO:
AUTHORIZED SIGNATURE:		FAX NUMBER:
DATE:	E-MAIL:	

Offer valid for two hundred and forty days (240) days from Proposal Due Date.

Scenarios Proposed (Check with an X)						
A	B	C	D	E	F	G

## Form D-2

### List of Subcontractors and RS-2 Form

(PDFs of all forms are presented below. A fillable PDF of the RS-2 form is “paper clipped” to the RFP file for ease of completion.)

Please duplicate this page as necessary to provide the requested information.

	SUBCONTRACTOR	SUBCONTRACTOR	SUBCONTRACTOR
Legal Name of Company			
Company's FEID Number			
Company Contact Name			
Company Address			
City, State, Zip Code			
Company Telephone No.			
Company Fax Number			
Company E-mail address			
Legal Name of Principal(s)			
Address of Principal(s)			
City, State, Zip Code			
Telephone No. of Principal(s)			
Fax Number of Principal(s)			
E-mail address of Principal(s)			
Corporate Number (if applicable)			
License Number (if applicable)			
Status of License (if applicable)			
Work to be Performed			
Expected Percentage of Total Work			

By: \_\_\_\_\_  
 President or Vice President

Signature: (1) \_\_\_\_\_

Attest: \_\_\_\_\_  
 Secretary (or Assistant Secretary)

Signature: (2) \_\_\_\_\_

(Affix Corporate Seal)

\*\*\*\*\*

**NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
SUBCONSULTANT  
TO BE USED WITH PROFESSIONAL SERVICES CONTRACT ONLY  
RACE AND GENDER NEUTRAL**

TIP No. and/or Type of Work (Limited Services)

(Consultant/Firm Name **ONLY** -- Include NO PII (Personally Identifiable Information))

(Subconsultant/Firm Name **ONLY** -- Include NO PII (Personally Identifiable Information))

<b>SERVICE / ITEM DESCRIPTION</b>	<b>Anticipated Utilization</b>
	<b>TOTAL UTILIZATION:</b>
<b>SUBMITTED BY:</b> SUBCONSULTANT:	<b>RECOMMENDED BY:</b> CONSULTANT:
*BY:	*BY:
TITLE:	TITLE: <span style="border: 1px solid black; display: inline-block; width: 50px; height: 15px; vertical-align: middle;"></span>
SPSF Status:      Yes <input type="checkbox"/> No <input type="checkbox"/>	

**“SUBCONCONSULTANT” (FORM RS-2)**  
**RACE AND GENDER NEUTRAL**

**Instructions for completing the Form RS-2:**

1. Complete a Subconsultant Form RS-2 for each Subconsultant firm to be utilized by your firm.
2. Insert TIP Number and /or Type of Work (Limited Services)
3. Complete the Consultant/Firm name for the primary firm information.
4. Complete the Subconsultant/Sub Firm name for the sub firm information.
5. Enter Service/Item Description – describe work to be performed by the Sub Firm
6. Enter Anticipated Utilization – Insert dollar value or percent of work to the Subconsultant/Sub Firm
7. \*Signatures of both Subconsultant and Prime Consultant **are required** on each RS-2 Form to be submitted with the Letter of Interest (LOI) to be considered for selection
8. Complete “SPSF Status” section - Subconsultant shall check the appropriate box regarding SPSF Status, check Yes if SPSF or No if not SPSF

In the event the firm has **no** subconsultant, **it is required that this be indicated on the Subconsultant Form RS-2 form by entering the word “None” or the number “ZERO” and signing the form.**

# Form D-3

## Recent Client List

(A Word version of the Recent Client List is “paper clipped” to this NCTA RTCS Exhibits file for ease of completion.)

#	Name of Client including Address and Telephone #	Project Name	Project Description	Start Date	End Date	Contract Amount
001						
002						



# Form D-4

## Reference Forms Part I

(A Word version of the Reference Forms Part I is “paper clipped” to this NCTA Exhibits file for ease of completion.)

**a) Proposer Minimum Experience for WWDDNS**

Proposer shall use this form to clearly demonstrate how it meets the minimum qualification requirements for Proposals with regard to WWDDNS Proposer project experience. Each reference provided may be contacted by NCTA. Copy this form as needed to comply with the requirements outlined in the RFP for each of the Implementation and Operations and Maintenance Phase minimum requirements. NCTA may or may not contact references to obtain more information about the Proposer experience at NCTA sole discretion.

**Proposer's Name:** \_\_\_\_\_

Please check off which qualifications requirement this reference is intended to address (you may check more than one box to cover both Implementation and Maintenance requirements as long as the explanation below is sufficiently detailed to cover both).

Implementation

Operations and Maintenance

<b>Reference Company/Agency Name:</b>	
Address:	
City:	State:                      Zip Code:
Phone Number:	Fax Number:
<b>Project Manager Reference:</b>	
E-mail:	
<b>Alternate Reference*:</b>	
Phone Number:	Fax Number:
E-mail:	
Alternate Reference Role on Reference Project:	
<b>*Must be completed in addition to the Project Manager reference</b>	
Proposer's role on project and years of participation (mm/dd/yy to mm/dd/yy):	

Project location, scope, cost, start / end dates:
Operational functionality, facility types, number of sites, number of detections:
Relevant equipment and systems used:
Comparison to NCTA requirements:
Installed System and Operations and Maintenance documented performance, as applicable:
Key Personnel involved and role who are also proposed on NCTA project:

**b) Proposer Minimum Experience for Project with ITS Elements**

Proposer shall use this form to clearly demonstrate how it meets the minimum qualification requirements for Proposals with regard to projects with ITS elements. Each reference provided may be contacted by NCTA. Copy this form as needed to comply with the requirements outlined in the RFP for each of the Implementation and Operations and Maintenance Phase minimum requirements.

**Proposer's Name:** \_\_\_\_\_

Please check off which qualifications requirement this reference is intended to address (you may check more than one box to cover both Implementation and Maintenance requirements as long as the explanation below is sufficiently detailed to cover both).

Implementation

Operations and Maintenance

<b>Reference Company/Agency Name:</b>	
Address:	
City:	State:                      Zip Code:
Phone Number:	Fax Number:
<b>Agency Project Manager Reference:</b>	
E-mail:	
<b>Alternate Reference*:</b>	
Phone Number:	Fax Number:
E-mail:	
Alternate Reference Role on Reference Project:	
<b>*Must be completed in addition to the Project Manager reference</b>	
Proposer's role on project and years of participation (mm/dd/yy to mm/dd/yy):	
Project location, scope, cost, start / end dates:	

Identify ITS Systems used as well as operational functionality (identify which systems were provided by Proposer and maintained by Proposer):
Describe pricing functionality provided and maintained by Contractor:
Comparison to NCTA requirements:
Installed System and Operations and Maintenance documented performance, as applicable:
Key Personnel involved and role who are also proposed on NCTA project:

# Form D-5

## Reference Forms Part 2

(A Word version of the Reference Forms Part 2 is “paper clipped” to this NCTA Exhibits file for ease of completion.)

Proposer shall use this form for Key Personnel Team member references. Each reference provided may be contacted. Copy this form as needed to comply with the requirements of the RFP and the number of references cited.

**Key Team Member  
Proposed Position**

Reference Company Name:	
Address:	
City:	State: Zip Code:
Phone Number:	Fax Number:
Project Manager:	
E-mail:	
Number of total years' experience of Key Personnel team member in similar role to one proposed for NCTA:	
Reference Project:	
Key Personnel team member role on reference project, including dates of participation and job description:	
Description of reference project location, scope, cost, start / end dates, etc.:	
Operational functionality	
Relevant systems used (WWDDNS or Other ITS elements):	
Key Personnel team member's major contributions and highlights:	

# Exhibit D-6

## Price Proposals

(Excel versions of the Price Proposals for each Scenario are “paper clipped” to this NCTA Exhibits file for ease of completion.)



**Sheet A Cost Detail  
Ramp WWDDN with Infrastructure by Proposer**

Description of Items		# Unit	Unit (\$)	Total Unit (\$)	Labor (\$)	Total Cost (\$)
<b>0</b>	<b>MOB + MOT</b>					
	Mobilization	0	\$ -	\$ -	\$ -	\$ -
	Project and Installation Plan	0	\$ -	\$ -	\$ -	\$ -
	MOT	0	\$ -	\$ -	\$ -	\$ -
	Other	0	\$ -	\$ -	\$ -	\$ -
	<b>Total MOB + MOT</b>			\$ -	\$ -	\$ -
<b>1</b>	<b>Roadside Infrastructure</b>					
	Type II Pedestals (10' pole)	0	\$ -	\$ -	\$ -	\$ -
	Type III Pedestals (14' pole)	0	\$ -	\$ -	\$ -	\$ -
	Brackets/Mounting Hardware	0	\$ -	\$ -	\$ -	\$ -
	Cabinets	0	\$ -	\$ -	\$ -	\$ -
	Junction Boxes	0	\$ -	\$ -	\$ -	\$ -
	Wiring/Cabling	0	\$ -	\$ -	\$ -	\$ -
	Power Service	0	\$ -	\$ -	\$ -	\$ -
	Other	0	\$ -	\$ -	\$ -	\$ -
	<b>Total Roadside Infrastructure</b>			\$ -	\$ -	\$ -
<b>2</b>	<b>System Detection and Reporting Technology</b>					
	Detection sensor - <list make and model>	0	\$ -	\$ -	\$ -	\$ -
	Confirmation camera - <list make and model>	0	\$ -	\$ -	\$ -	\$ -
	Brackets/Mounting Hardware	0	\$ -	\$ -	\$ -	\$ -
	Other	0	\$ -	\$ -	\$ -	\$ -
	<b>Total System Detection and Reporting Technology</b>			\$ -	\$ -	\$ -
<b>3</b>	<b>Deterrence Technology</b>					
	Smart Sign <list make and model>	0	\$ -	\$ -	\$ -	\$ -
	Brackets/Mounting Hardware	0	\$ -	\$ -	\$ -	\$ -
	Other	0	\$ -	\$ -	\$ -	\$ -
	<b>Total Deterrence Technology</b>			\$ -	\$ -	\$ -
<b>4</b>	<b>Notification Equipment</b>					
	Switches/Modems	0	\$ -	\$ -	\$ -	\$ -
	Fiber drop to nearest splice point (assume 250' away)	0	\$ -	\$ -	\$ -	\$ -
	Other Hardware and Installation	0	\$ -	\$ -	\$ -	\$ -
	<b>Total Notification Equipment</b>			\$ -	\$ -	\$ -
<b>5</b>	<b>Software</b>					
	Monitoring Software	0	\$ -	\$ -	\$ -	\$ -
	Integration with RTCS / ATMS	0	\$ -	\$ -	\$ -	\$ -
	Other	0	\$ -	\$ -	\$ -	\$ -
	<b>Total Software</b>			\$ -	\$ -	\$ -
<b>6</b>	<b>Maintenance</b>					
	Five Year Level 1 Maintenance Support	5	\$ -	\$ -	\$ -	\$ -
	Other	0	\$ -	\$ -	\$ -	\$ -
		0	\$ -	\$ -	\$ -	\$ -
	<b>Total Maintenance</b>			\$ -	\$ -	\$ -
	<b>Total WWDDN System Costs</b>			\$ -	\$ -	\$ -

**Sheet B Cost Detail**  
**Ramp WWDDN for C540 Phase 1 with Infrastructure by Others**

	Description of Items	# Unit	Unit (\$)	Total Unit (\$)	Labor (\$)	Total Cost (\$)
<b>1</b>	<b>Roadside Infrastructure</b>					
	Type II Pedestals (< 15' pole)	0	\$ -	\$ -	\$ -	\$ -
	Type III Pedestals (>15' pole)	0	\$ -	\$ -	\$ -	\$ -
	Brackets/Mounting Hardware	0	\$ -	\$ -	\$ -	\$ -
	Cabinets	0	\$ -	\$ -	\$ -	\$ -
	Junction Boxes	0	\$ -	\$ -	\$ -	\$ -
	Wiring/Cabling	0	\$ -	\$ -	\$ -	\$ -
	Power Service	0	\$ -	\$ -	\$ -	\$ -
	Other	0	\$ -	\$ -	\$ -	\$ -
	<b>Total Roadside Infrastructure</b>			\$ -	\$ -	\$ -
<b>2</b>	<b>System Detection and Reporting Technology</b>					
	Detection sensor - <list make and model>	0	\$ -	\$ -	\$ -	\$ -
	Confirmation camera - <list make and model>	0	\$ -	\$ -	\$ -	\$ -
	Brackets/Mounting Hardware	0	\$ -	\$ -	\$ -	\$ -
	Other	0	\$ -	\$ -	\$ -	\$ -
	<b>Total System Detection and Reporting Technology</b>			\$ -	\$ -	\$ -
<b>3</b>	<b>Deterrence Technology</b>					
	Smart Sign <list make and model>	12	\$ -	\$ -	\$ -	\$ -
	Brackets/Mounting Hardware	0	\$ -	\$ -	\$ -	\$ -
	Other	0	\$ -	\$ -	\$ -	\$ -
	<b>Total Deterrence Technology</b>			\$ -	\$ -	\$ -
<b>4</b>	<b>Notification Equipment</b>					
	Switches/Modems	0	\$ -	\$ -	\$ -	\$ -
	Fiber drop to nearest splice point (assume 250' away)	0	\$ -	\$ -	\$ -	\$ -
	Other Hardware and Installation	0	\$ -	\$ -	\$ -	\$ -
	<b>Total Notification Equipment</b>			\$ -	\$ -	\$ -
<b>5</b>	<b>Software</b>					
	Monitoring Software	0	\$ -	\$ -	\$ -	\$ -
	Integration with RTCS / ATMS	0	\$ -	\$ -	\$ -	\$ -
	Other	0	\$ -	\$ -	\$ -	\$ -
	<b>Total Software</b>			\$ -	\$ -	\$ -
<b>6</b>	<b>Maintenance</b>					
	Five Year Level III Maintenance Support	5	\$ -	\$ -	\$ -	\$ -
	Other	0	\$ -	\$ -	\$ -	\$ -
		0	\$ -	\$ -	\$ -	\$ -
	<b>Total Maintenance</b>			\$ -	\$ -	\$ -
	<b>Total WWDDN System Costs</b>			\$ -	\$ -	\$ -

**Sheet C Cost Detail  
Mainline WWDDN with Infrastructure by Proposer**

Description of Items		# Unit	Unit (\$)	Total Unit (\$)	Labor (\$)	Total Cost (\$)
<b>1</b>	<b>Roadside Infrastructure</b>					
	Type II Pedestals (10' pole)	0	\$ -	\$ -	\$ -	\$ -
	Type III Pedestals (14' pole)	0	\$ -	\$ -	\$ -	\$ -
	Brackets/Mounting Hardware	0	\$ -	\$ -	\$ -	\$ -
	Cabinets	0	\$ -	\$ -	\$ -	\$ -
	Junction Boxes	0	\$ -	\$ -	\$ -	\$ -
	Wiring/Cabling	0	\$ -	\$ -	\$ -	\$ -
	Power Service	0	\$ -	\$ -	\$ -	\$ -
	Other	0	\$ -	\$ -	\$ -	\$ -
	<b>Total Roadside Infrastructure</b>			\$ -	\$ -	\$ -
<b>2</b>	<b>System Detection and Reporting Technology</b>					
	Detection sensor - <list make and model>	0	\$ -	\$ -	\$ -	\$ -
	Confirmation camera - <list make and model>	0	\$ -	\$ -	\$ -	\$ -
	Brackets/Mounting Hardware	0	\$ -	\$ -	\$ -	\$ -
	Other	0	\$ -	\$ -	\$ -	\$ -
	<b>Total System Detection and Reporting Technology</b>			\$ -	\$ -	\$ -
<b>3</b>	<b>Deterrence Technology</b>					
	Smart Sign <list make and model>	0	\$ -	\$ -	\$ -	\$ -
	Brackets/Mounting Hardware	0	\$ -	\$ -	\$ -	\$ -
	Other	0	\$ -	\$ -	\$ -	\$ -
	<b>Total Deterrence Technology</b>			\$ -	\$ -	\$ -
<b>4</b>	<b>Notification Equipment</b>					
	Switches/Modems	0	\$ -	\$ -	\$ -	\$ -
	Fiber drop to nearest splice point (assume 250' away)	0	\$ -	\$ -	\$ -	\$ -
	Other Hardware and Installation	0	\$ -	\$ -	\$ -	\$ -
	<b>Total Notification Equipment</b>			\$ -	\$ -	\$ -
<b>5</b>	<b>Software</b>					
	Monitoring Software	0	\$ -	\$ -	\$ -	\$ -
	Integration with RTCS / ATMS	0	\$ -	\$ -	\$ -	\$ -
	Other	0	\$ -	\$ -	\$ -	\$ -
	<b>Total Software</b>			\$ -	\$ -	\$ -
<b>6</b>	<b>Maintenance</b>					
	Five Year Level 1 Maintenance Support	5	\$ -	\$ -	\$ -	\$ -
	Other	0	\$ -	\$ -	\$ -	\$ -
		0	\$ -	\$ -	\$ -	\$ -
	<b>Total Maintenance</b>			\$ -	\$ -	\$ -
	<b>Total WWDDN System Costs</b>			\$ -	\$ -	\$ -

**Sheet D Cost Detail**  
**Mainline WWDDN for C540 Phase 1 with Infrastructure by Others**

	Description of Items	# Unit	Unit (\$)	Total Unit (\$)	Labor (\$)	Total Cost (\$)
<b>1</b>	<b>Roadside Infrastructure</b>					
	Type II Pedestals (< 15' pole)	0	\$ -	\$ -	\$ -	\$ -
	Type III Pedestals (>15' pole)	0	\$ -	\$ -	\$ -	\$ -
	Brackets/Mounting Hardware	0	\$ -	\$ -	\$ -	\$ -
	Cabinets	0	\$ -	\$ -	\$ -	\$ -
	Junction Boxes	0	\$ -	\$ -	\$ -	\$ -
	Wiring/Cabling	0	\$ -	\$ -	\$ -	\$ -
	Power Service	0	\$ -	\$ -	\$ -	\$ -
	Other	0	\$ -	\$ -	\$ -	\$ -
	<b>Total Roadside Infrastructure</b>			\$ -	\$ -	\$ -
<b>2</b>	<b>System Detection and Reporting Technology</b>					
	Detection sensor - <list make and model>	0	\$ -	\$ -	\$ -	\$ -
	Confirmation camera - <list make and model>	0	\$ -	\$ -	\$ -	\$ -
	Brackets/Mounting Hardware	0	\$ -	\$ -	\$ -	\$ -
	Other	0	\$ -	\$ -	\$ -	\$ -
	<b>Total System Detection and Reporting Technology</b>			\$ -	\$ -	\$ -
<b>3</b>	<b>Deterrence Technology</b>					
	Smart Sign <list make and model>	24	\$ -	\$ -	\$ -	\$ -
	Brackets/Mounting Hardware	0	\$ -	\$ -	\$ -	\$ -
	Other	0	\$ -	\$ -	\$ -	\$ -
	<b>Total Deterrence Technology</b>			\$ -	\$ -	\$ -
<b>4</b>	<b>Notification Equipment</b>					
	Switches/Modems	0	\$ -	\$ -	\$ -	\$ -
	Fiber drop to nearest splice point (assume 250' away)	0	\$ -	\$ -	\$ -	\$ -
	Other Hardware and Installation	0	\$ -	\$ -	\$ -	\$ -
	<b>Total Notification Equipment</b>			\$ -	\$ -	\$ -
<b>5</b>	<b>Software</b>					
	Monitoring Software	0	\$ -	\$ -	\$ -	\$ -
	Integration with RTCS / ATMS	0	\$ -	\$ -	\$ -	\$ -
	Other	0	\$ -	\$ -	\$ -	\$ -
	<b>Total Software</b>			\$ -	\$ -	\$ -
<b>6</b>	<b>Maintenance</b>					
	Five Year Level 1 Maintenance Support	5	\$ -	\$ -	\$ -	\$ -
	Other	0	\$ -	\$ -	\$ -	\$ -
	<b>Total Maintenance</b>			\$ -	\$ -	\$ -
	<b>Total WWDDN System Costs</b>			\$ -	\$ -	\$ -

**Sheet F Cost Detail**  
Provide WWDDN SmartSigns Only

Description of Items		# Unit	Unit (\$)	Total Unit (\$)	Labor (\$)	Total Cost (\$)
<b>1</b>	<b>Roadside Infrastructure</b>					
	Type II Pedestals (< 15' pole)	0	\$ -	\$ -	\$ -	\$ -
	Type III Pedestals (>15' pole)	0	\$ -	\$ -	\$ -	\$ -
	Brackets/Mounting Hardware	0	\$ -	\$ -	\$ -	\$ -
	Cabinets	0	\$ -	\$ -	\$ -	\$ -
	Junction Boxes	0	\$ -	\$ -	\$ -	\$ -
	Wiring/Cabling	0	\$ -	\$ -	\$ -	\$ -
	Power Service	0	\$ -	\$ -	\$ -	\$ -
	Other	0	\$ -	\$ -	\$ -	\$ -
	<b>Total Roadside Infrastructure</b>			\$ -	\$ -	\$ -
<b>2</b>	<b>System Detection and Reporting Technology</b>					
	Detection sensor - <list make and model>	0	\$ -	\$ -	\$ -	\$ -
	Confirmation camera - <list make and model>	0	\$ -	\$ -	\$ -	\$ -
	Brackets/Mounting Hardware	0	\$ -	\$ -	\$ -	\$ -
	Other	0	\$ -	\$ -	\$ -	\$ -
	<b>Total System Detection and Reporting Technology</b>			\$ -	\$ -	\$ -
<b>3</b>	<b>Deterrence Technology</b>					
	Smart Sign <list make and model>	0	\$ -	\$ -	\$ -	\$ -
	Brackets/Mounting Hardware	0	\$ -	\$ -	\$ -	\$ -
	Other	0	\$ -	\$ -	\$ -	\$ -
	<b>Total Deterrence Technology</b>			\$ -	\$ -	\$ -
<b>4</b>	<b>Notification Equipment</b>					
	Switches/Modems	0	\$ -	\$ -	\$ -	\$ -
	Fiber drop to nearest splice point (assume 250' away)	0	\$ -	\$ -	\$ -	\$ -
	Other Hardware and Installation	0	\$ -	\$ -	\$ -	\$ -
	<b>Total Notification Equipment</b>			\$ -	\$ -	\$ -
<b>5</b>	<b>Software</b>					
	Monitoring Software	0	\$ -	\$ -	\$ -	\$ -
	Integration with RTCS / ATMS	0	\$ -	\$ -	\$ -	\$ -
	Other	0	\$ -	\$ -	\$ -	\$ -
	<b>Total Software</b>			\$ -	\$ -	\$ -
<b>6</b>	<b>Maintenance</b>					
	Five Year Level 1 Maintenance Support	5	\$ -	\$ -	\$ -	\$ -
	Other	0	\$ -	\$ -	\$ -	\$ -
		0	\$ -	\$ -	\$ -	\$ -
	<b>Total Maintenance</b>			\$ -	\$ -	\$ -
	<b>Total WWDDN System Costs</b>			\$ -	\$ -	\$ -

**Sheet G1 Cost Detail**  
**WWDDNS Advanced Data & Analytics (Other Detection or Other Deterrence)**

	Description of Items	# Unit	Unit (\$)	Total Unit (\$)	Labor (\$)	Total Cost (\$)
<b>1</b>	<b>Roadside Infrastructure</b>					
	Type II Pedestals (10' pole)	0	\$ -	\$ -	\$ -	\$ -
	Type III Pedestals (14' pole)	0	\$ -	\$ -	\$ -	\$ -
	Metal Strain Pole (up to 50')	0	\$ -	\$ -	\$ -	\$ -
	Brackets/Mounting Hardware	0	\$ -	\$ -	\$ -	\$ -
	Cabinets	0	\$ -	\$ -	\$ -	\$ -
	Junction Boxes	0	\$ -	\$ -	\$ -	\$ -
	Wiring/Cabling	0	\$ -	\$ -	\$ -	\$ -
	Power Service	0	\$ -	\$ -	\$ -	\$ -
	Other	0	\$ -	\$ -	\$ -	\$ -
	<b>Total Roadside Infrastructure</b>			\$ -	\$ -	\$ -
<b>2</b>	<b>System Detection and Reporting Technology</b>					
	Detection Sensor - <list make and model>	0	\$ -	\$ -	\$ -	\$ -
	Video sensors - <list make and model>	0	\$ -	\$ -	\$ -	\$ -
	Brackets/Mounting Hardware	0	\$ -	\$ -	\$ -	\$ -
	Other	0	\$ -	\$ -	\$ -	\$ -
	<b>Total System Detection and Reporting Technology</b>			\$ -	\$ -	\$ -
<b>3</b>	<b>Deterrence Technology</b>					
	Smart Sign <list make and model>	0	\$ -	\$ -	\$ -	\$ -
	Brackets/Mounting Hardware	0	\$ -	\$ -	\$ -	\$ -
	Other	0	\$ -	\$ -	\$ -	\$ -
	<b>Total Deterrence Technology</b>			\$ -	\$ -	\$ -
<b>4</b>	<b>Notification Equipment</b>					
	Switches/Modems	0	\$ -	\$ -	\$ -	\$ -
	Fiber drop to nearest splice point (assume 250' away)	0	\$ -	\$ -	\$ -	\$ -
	Other Hardware and Installation	0	\$ -	\$ -	\$ -	\$ -
	<b>Total Notification Equipment</b>			\$ -	\$ -	\$ -
<b>5</b>	<b>Software</b>					
	Monitoring Software	0	\$ -	\$ -	\$ -	\$ -
	Integration with RTCS / ATMS	0	\$ -	\$ -	\$ -	\$ -
	Other	0	\$ -	\$ -	\$ -	\$ -
	<b>Total Software</b>			\$ -	\$ -	\$ -
<b>6</b>	<b>Maintenance</b>					
	Five Year Level 1 Maintenance Support	5	\$ -	\$ -	\$ -	\$ -
	Other	0	\$ -	\$ -	\$ -	\$ -
		0	\$ -	\$ -	\$ -	\$ -
	<b>Total Maintenance</b>			\$ -	\$ -	\$ -
	<b>Total WWDDN System Costs</b>			\$ -	\$ -	\$ -

**Sheet G2 Cost Detail**  
**WWDDNS Advanced Data & Analytics (Other Detection or Other Deterrence)**

	Description of Items	# Unit	Unit (\$)	Total Unit (\$)	Labor (\$)	Total Cost (\$)
<b>1</b>	<b>Roadside Infrastructure</b>					
	Type II Pedestals (10' pole)	0	\$ -	\$ -	\$ -	\$ -
	Type III Pedestals (14' pole)	0	\$ -	\$ -	\$ -	\$ -
	Metal Strain Pole (up to 50')	0	\$ -	\$ -	\$ -	\$ -
	Brackets/Mounting Hardware	0	\$ -	\$ -	\$ -	\$ -
	Cabinets	0	\$ -	\$ -	\$ -	\$ -
	Junction Boxes	0	\$ -	\$ -	\$ -	\$ -
	Wiring/Cabling	0	\$ -	\$ -	\$ -	\$ -
	Power Service	0	\$ -	\$ -	\$ -	\$ -
	Other	0	\$ -	\$ -	\$ -	\$ -
	<b>Total Roadside Infrastructure</b>			\$ -	\$ -	\$ -
<b>2</b>	<b>System Detection and Reporting Technology</b>					
	Detection Sensor - <list make and model>	0	\$ -	\$ -	\$ -	\$ -
	Video sensors - <list make and model>	0	\$ -	\$ -	\$ -	\$ -
	Brackets/Mounting Hardware	0	\$ -	\$ -	\$ -	\$ -
	Other	0	\$ -	\$ -	\$ -	\$ -
	<b>Total System Detection and Reporting Technology</b>			\$ -	\$ -	\$ -
<b>3</b>	<b>Deterrence Technology</b>					
	Smart Sign <list make and model>	0	\$ -	\$ -	\$ -	\$ -
	Brackets/Mounting Hardware	0	\$ -	\$ -	\$ -	\$ -
	Other	0	\$ -	\$ -	\$ -	\$ -
	<b>Total Deterrence Technology</b>			\$ -	\$ -	\$ -
<b>4</b>	<b>Notification Equipment</b>					
	Switches/Modems	0	\$ -	\$ -	\$ -	\$ -
	Fiber drop to nearest splice point (assume 250' away)	0	\$ -	\$ -	\$ -	\$ -
	Other Hardware and Installation	0	\$ -	\$ -	\$ -	\$ -
	<b>Total Notification Equipment</b>			\$ -	\$ -	\$ -
<b>5</b>	<b>Software</b>					
	Monitoring Software	0	\$ -	\$ -	\$ -	\$ -
	Integration with RTCS / ATMS	0	\$ -	\$ -	\$ -	\$ -
	Other	0	\$ -	\$ -	\$ -	\$ -
	<b>Total Software</b>			\$ -	\$ -	\$ -
<b>6</b>	<b>Maintenance</b>					
	Five Year Level 1 Maintenance Support	5	\$ -	\$ -	\$ -	\$ -
	Other	0	\$ -	\$ -	\$ -	\$ -
		0	\$ -	\$ -	\$ -	\$ -
	<b>Total Maintenance</b>			\$ -	\$ -	\$ -
	<b>Total WWDDN System Costs</b>			\$ -	\$ -	\$ -

# Form D-7

## Proposer Questions Form

(A Word version of the Proposer Questions Form is “paper clipped” to this NCTA Exhibits file for ease of completion.)



Proposer Questions		North Carolina Turnpike Authority (NCTA)				
		#	Page	Section	Section Description	Proposer Question
1.						
2.						
3.						
4.						

# Form D-8

## Non-Collusion Forms

(Please complete a single form that is applicable to your firm structure. Fillable PDFs of the form are “paper clipped” to this NCTA Exhibits file for ease of completion.)

# Form D-9

## Surety Commitment Letter

(A Word version of the Surety Commitment Letter is “paper clipped” to this NCTA Exhibits file for ease of completion.)

**CONSENT OF SURETY**

TO: North Carolina Turnpike Authority

We have reviewed the proposal of \_\_\_\_\_  
(Proposer)

\_\_\_\_\_  
(Address)

for the Roadside Toll Collection System for which Proposals will be received on: \_\_\_\_\_  
(Proposal Due Date)

and wish to advise that should this Proposal of the Proposer be accepted, and the Contract awarded to, such Proposer, this company agrees to become the surety and provide the Payment and Performance Bonds required by the Contract for both the Implementation and Operations and Maintenance Phases. Such bonds will be in the amounts identified in the Price Proposal as referenced in the RFP Part I, Section 6.1 Notification of Award with terms of the bonds as also provided in that section.

We are duly authorized to do business in the State of North Carolina.

Surety Company/Address:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(Authorized Signature)

ATTEST:

\_\_\_\_\_  
**[Attach Power of Attorney]**

(Corporate Seal, if any. If no seal, write "No Seal" across this place and sign.)

## Form D-10

# Acknowledgement of Receipt of Addenda

(A Word version is “paper clipped” to this NCTA Exhibits file for ease of completion.)

**ACKNOWLEDGEMENT OF RECEIPT OF ADDENDA**

The Proposer shall acknowledge receipt of each addendum to this Request for Proposal by completing this form and including same in the Technical Proposal.

<u>Addenda</u>	<u>Date</u>	<u>By</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Failure to confirm receipt of addenda may result in rejection of the Proposer’s Proposal.

Dated \_\_\_\_\_, 2021

\_\_\_\_\_  
Legal Name of Firm

By \_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

NOTE: Attach additional pages as necessary