

WRONG-WAY DRIVER DETECTION & NOTIFICATION SYSTEMS REQUEST FOR PROPOSALS

Addendum No. 2

Issued February 6, 2024

This is an addendum to the Wrong-Way Driver Detection & Notification Systems 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 revisions to the Wrong-Way Driver Detection & Notification Systems RFP
- Section B - Official log of Proposers' questions and NCTA's responses

All other terms, conditions and requirements of the original RFP dated January 17, 2024, remain unchanged unless modified by this Addendum.

Section A: Official Revisions to the Wrong-Way Driver Detection & Notification Systems RFP

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

Part I Administrative, Section 2.1 Schedule, *Table I-1: Procurement Schedule* has been modified as follows:

Table I-1: Procurement Schedule

Milestone	Date
RFP Issued	Jan 17, 2024
Proposer Questions Due	Jan 30, 2024 (4:00 p.m. EDT)
NCTA Responses to Questions Completed	Feb 12, 2024 <u>Feb 26, 2024</u>
Technical Proposals Due	Feb 29, 2024 (4:00 p.m. EDT) <u>Mar 20, 2024 (4:00 p.m. EDT)</u>
Notification to Proposers Shortlisted for Oral Presentations	Mar 26, 2024 <u>Apr 16, 2024</u>
Oral Presentations (Proposers to be notified as to the specific schedule within the time identified)	Apr 1 & Apr 3-4, 2024 <u>Apr 22 – 24, 2024</u>
Price Proposals from Shortlisted Proposers Due	Apr 16, 2024 (4:00 p.m. EDT) <u>May 2, 2024 (4:00 p.m. EDT)</u>
Award of Contract(s)	Apr 19, 2024 <u>Week of May 7, 2024</u>
Notice to Proceed for Task Order 1 & 2 (Complete 540 Phase I)	Week of Apr 22, 2024 <u>Week of May 13, 2024</u>

Section B: Official Log of Proposers' questions and NCTA's responses

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

Please Note: The below list does NOT include all of the Proposer questions that NCTA received. NCTA is continuing to work through all the submitted questions and will issue the remaining responses in another Addendum by February 26, 2024.

#	Page	Section	Section Description	Proposer Question	NCTA Response
1.	19 of 35	2.3.6	Other ITS	Is there an existing ATMS that is going to be used by the Operators that the WWDDNS needs to be integrated with (for scenario E/G/other)?	Kapsch DYNAC. A future ATMS will be in service 2025, an ICD for that ATMS will be provided.
5.	Part 1 5 of 18	3.4	Proposal Evaluation	Given that proposers are allowed to proposal on one or more scenarios, how will the scoring be done? Are each of the 7 scenarios being technically and price evaluated independently?	Yes.
6.	Part 1 4 of 18	2.1	Schedule	Given the need for pricing 7 scenarios which involves pricing from different vendors and contractors, can a 2-week time extension be granted?	Per this Addendum 02, the procurement schedule has been extended.
13.	Part III 13 of 35	Sections 2.3 and 2.3.3	Design Requirements	Section 2.3 implies that another firm is doing design for the project sites and Section 2.3.3 requires that design plans are done under this contract. Please clarify the responsibility for developing electrical and civil design plans for the installation locations.	The RFP states Constructor or Contractor may perform design, based on the Scenario.
15.	Part III, Page 14 of 35	2.3.1 - 58	Detection Requirements	Requirement states "detection device shall be mounted on a three-axis mounting bracket for site-specific tuning adjustments." Would adjustable mounting bracket to manufacturer's specification be considered?	Yes.

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16.	Part III, Page 14 of 35	2.3.1 – 61	Detection Requirements	Requirement states detection “Shall utilize RS232 serial communication for programming.” Would other communication connections directly to the ethernet switch be acceptable?	Yes.
17.	Part III, Page 14 of 35	2.3.1 – 63	Detection Requirements	Requirement states detection “Shall operate from -22° to +185°F (-30° to +85°C).” NEMA temperature requirements require a max temperature of operation of +74C/+165F. Would a device that does not have equipment within the cabinet and meets NEMA temperature requirements be acceptable?	Yes.
18.	Part III, Page 14 of 35	2.3.1 – 64	Detection Requirements	Requirement states detection “shall operate from 5.5VCD to 18VDC”. Would 24VDC be acceptable?	Yes.
19.	Part III, Page 14 of 35	2.3.1 – 65	Detection Requirements	Requirement states detection “Shall be programmable remotely and include side-mounted status LED for basic diagnostics and programming.” Would a detection device with no status LED that can be programmed via direct ethernet connection be considered?	Yes.
20.	Part III, Page 38 of 25	2.7	Maintenance Requirements	Scope of Work and Requirements outline 3 Maintenance Levels. What is the Service Level Agreement (SLA) timeframe expectation for each of the levels of support?	For this Contract, only Level III support is provided with a 24-Hour response time.

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21.	Part III, Page 29 of 35	2.7.1	Maintenance Plan	Is the Proposer responsible for providing a Maintenance Plan for software, in addition to the hardware maintenance outlined in the RFP?	Yes.
23.	Part III, Page 29 of 35	2.7.1 – 191.O	Maintenance Plan	Requirement states “The Maintenance Plan shall include: escalation processes”. What SLA’s will apply to the escalation of issues?	Level III 24-Hour response.
27.	Part III, Page 32 of 35	2.7.5 – 481	Upgrades and Enhancements	Requirement states “Upgrades and enhancements shall be proposed by the Contractor or requested of the Contractor in accordance with the change order/extra work order process as set forth in Part IV, Terms, and Conditions. Examples of upgrades and enhancements include but are not limited to accommodating major changes to standards, statutes, or interoperability equipment or the addition of new equipment or functionality providing demonstrable benefits in performance, costs, or productivity.” Are software enhancements to be bid in all scenarios as applicable? Will software enhancement for additional functionality as a cost be calculated towards the total cost of a solution?	The proposal should describe and price the total cost of the solution(s). Any future functionality upgrades or enhancements will be requested in the form of the Change Order/Extra Work Order process.
30.	52	2.3.1 (61)	RS232 for programming	Will NCTA allow for a Ethernet/ IP programming of the controller? RS232 serial ports require software to be loaded onto laptops in order to program which can make it harder for agencies to maintain.	Yes.
31.	52	2.3.1 (63)	Temperature Range	Temperature range listed is outside of standard Nema TS2 temperature range	Yes.

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				(-34 – 165F). Will NCTA accept detection sensors that are NEMA temp spec rated?	
41.	Page 24 and following	Exhibits	Exhibit D-6 Price Proposals	Please confirm where we have to include the costs of the documentation and deliverables requirements in each Cost Sheet.	Include in "Other".
46.	Part I, Page 4 of 18	Wrong-Way Driver Detection & Notification Systems RFP	Section 2.1 Schedule	Please advise if the due date for the technical proposal can be extended by one full week given the number of scenarios, drawings, and detailed information required to review in order to respond to RFP requirements.	Per this Addendum 02, the procurement schedule has been extended.
56.	.---	Attachments	Attachment 3	Please confirm that upgrade of the current ATMS of the TMCs (STOC and MRTMC) (new equipment, operating logics, reporting, data, alarms, etc.) is not within the scope of any scenario.	Confirmed.
59.	Attachment 3, Pages 1 to 31	Attachments	Attachment 3	In Scenarios A, B, C, D, E, and F, please confirm that it is not necessary for the Contractor to provide its ATMS, because WWD will be communicating with TMC Provider's ATMS.	Confirmed.
60.	Attachment 3, Pages 32 to 36	Attachments	Attachment 3	Task order sample Scenario G1 states: "Installation, testing, and Level III maintenance of a detection system including infrastructure to detect wrong-way drivers, traffic anomalies, and vehicle counts at each ramp and mainline segment. Detection system to send alerts (wrong-way or other traffic anomalies) to an ATMS and/or a notification system provided by the Contractor." Please confirm that the WWD Contractor is not responsible for providing an ATMS, and that the newly installed wrong-way detection equipment is to send	Confirmed.

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				the notifications to the TMC Contractor's existing ATMS.	
61.	Attachment 3, Pages 32 to 36	Attachments	Attachment 3	For the requirement of case G1 "Providing storage and a user interface for TMC staff to pull vehicle counts and speeds collected by the detection system with configurable reporting settings", it is stated that the data information will be stored in an infrastructure provided by the Contractor and does not need to be incorporated into the current TMC's DB. To retrieve such data, the reporting system foreseen would be the one proposed by the Contractor, is this statement correct?	Yes.
68.		Attachments	Attachment 4	For scenarios A, B, C, D, G1 and G2, please clarify if the communications network for the WWDDNS system must be integrated into the backbone network of Toll or ITS systems, or otherwise the WWDDNS system requires a dedicated network. We understand that the WWDDNS system will use dedicated fiber cores in the existing Toll trunk cable from the WWDDNS site up to the Hubs (at least for scenarios B and C), but it is not clear for us if inside the Hub the WWDDNS system fibers will be connected to an existing Layer 3 switch and if the Contractor should provide Layer 3 in the Hubs or other locations for the use of the WWDDNS system.	The WWDDNS system will be integrated into the existing Tolls or ITS network for the provided Task Orders.
71.	Part III, Page 19 to 20	Wrong-Way Driver Detection & Notification Systems RFP	2.3.5 Communications	Please clarify the preferred approach to comply with requirement 118 ("The Contractor shall provide network security at all WWDDNS locations"). Please confirm if a network firewall is required for each	Hardening Configurations will be considered in proposals.

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				WWDDNS location or if hardening configurations in the network switches is considered sufficient to comply with the requirement.	