



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J.R. "JOEY" HOPKINS
SECRETARY

September 19, 2024

Addendum No. 2

TIP: HO-0010B
WBS Nos.: 50631.4.2
Project Description: Automating Actionable Road Anomalies (AARA)

RE: Addendum No. 2 to the Final RFP

October 9, 2024 Letting

Dear Proposer:

Reference is made to the Final Request for Proposals with Addendum No. 1 dated October 3, 2024. We have since incorporated changes, and Addendum No. 2 to the Final Request for Proposals (RFP) has been posted to the web address as follows:

[connect.ncdot.gov/letting/Pages/Design-Build-Letting-Details.aspx?let_id=Automating Actionable Road Anomalies](https://connect.ncdot.gov/letting/Pages/Design-Build-Letting-Details.aspx?let_id=Automating%20Actionable%20Road%20Anomalies)

Please note that all revisions have been highlighted in gray and are as follows:

The *Cover Sheet* has been revised. Please void the *Cover Sheet* in your proposal and staple the revised *Cover Sheet* thereto.

Page No. 2 in *Anticipated Procurement Schedule* has been revised. Please void Page No. 2 in your proposal and staple the revised Page No. 2 thereto.

Page No. 9 in *Proposal Submittal Requirements* has been revised. Please void Page No. 9 in your proposal and staple the revised Page No. 9 thereto.

Page No. 27 in *Question and Answer Meeting* has been revised. Please void Page No. 27 in your proposal and staple the revised Page No. 27 thereto.

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
CONTRACT STANDARDS &
DEVELOPMENT UNIT
1591 MAIL SERVICE CENTER
RALEIGH, NC 27699-1591

Telephone: (919) 707-6900
Fax: (919) 250-4119
Customer Service: 1-877-368-4968

Website: www.ncdot.gov

Location:
1020 BIRCH RIDGE DRIVE
RALEIGH, NC 27610

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If you have any questions or need additional information, I can be reached by telephone at (919) 707-6901.

Sincerely,

Signed by:

52C46046381F443
R.E. Davenport, Jr., PE
State Contract Officer

RED:jse

cc: Mr. Wiley W. Jones III, PE
Ms. Jennifer L. Portanova, PE, CPM
Mr. Dominic Ciaramitaro, PE
Mr. Tim McFadden
Mr. David Stark, PE
File

-- STATE OF NORTH CAROLINA--
DEPARTMENT OF TRANSPORTATION
RALEIGH, N.C.

FINAL REQUEST FOR PROPOSALS



DESIGN-BUILD PROJECT **Automating Actionable Road Anomalies**

HO-0010B

October 3, 2024

Including Addendum No. 1 September 10, 2024

Including Addendum No. 2 September 19, 2024



VOID FOR BIDDING

DATE AND TIME OF TECHNICAL PROPOSAL SUBMISSION: **SEPTEMBER 12, 2024 BY 3:00 PM**

DATE AND TIME OF PRICE PROPOSAL SUBMISSION: **SEPTEMBER 25, 2024 BY 3:00 PM**

DATE AND TIME OF PRICE PROPOSAL OPENING: **OCTOBER 9, 2024 AT 2:00 PM**

CONTRACT ID: TBD

WBS ELEMENT NO.: 50631.4.2

FEDERAL-AID NO.: N/A

COUNTIES: STATEWIDE

ROUTE NOS.: VARIOUS

LOCATION: DIVISIONS 6 & 14

TYPE OF WORK: AUTOMATING ACTIONABLE ROAD ANOMALIES (AARA) FOR TRAVELER INFORMATION

1 Anticipated Procurement Schedule

The Department reserves the right to make changes or alterations to this schedule.

The Department is committed to procuring the Automating Actionable Road Anomalies (AARA) System scope of work, as described in this RFP. The Department is also committed to the contract timeframe communicated with Proposers to date.

Action	Responsibility	Date
Short-listed Teams Announced	Agency	August 1, 2024
Industry Draft RFP Issued	Agency	August 1, 2024
RFP Meeting with Short-listed Teams Agency	Agency / Potential Offerors	August 22, 2024
Final RFP Issued	Agency	August 29, 2024
Technical Proposals Due	Potential Offerors	September 12, 2024
Sealed Price Proposals Due	Potential Offerors	September 25, 2024
Second Meeting with Short-list Teams (at the discretion of the Department)	Potential Offerors	October 2, 2024
Open Price Proposal	Agency	October 9, 2024

All events and dates set forth in the Anticipated Procurement Schedule and elsewhere in the RFP are subject to change at NCDOT's sole discretion, and the Proposer shall be solely responsible for monitoring the Anticipated Procurement Schedule for any such changes.

All times listed in the Anticipated Procurement Schedule and elsewhere in the RFP are local, Eastern Time in Raleigh, North Carolina, for the applicable date. If any of the time periods set forth in the Anticipated Procurement Schedule or this RFP fall on a non-Business Day, then such period shall automatically be extended to the next Business Day.

2 Purpose and Background

North Carolina's freeways experience sudden unexpected slowdowns and work zones that require drivers to change lanes. These situations, encountered at high speeds, can negatively impact traveler safety and mobility. Providing in-vehicle hands-free, eyes free alerts for these conditions will give drivers specific, timely and actionable information to respond to upcoming road anomalies.

In response to this need, NCDOT was selected as one of the FY2022 United States Department of Transportation (USDOT) Strengthening Mobility and Revolutionizing Transportation (SMART) Grant awardees (<https://www.transportation.gov/grants/SMART>). The SMART Grant Program is organized in two stages. NCDOT was awarded the Stage 1, Planning and Prototyping Grant which is required to be complete within eighteen (18) months – September 15, 2023, to March 15, 2025. (NCDOT will request an extension to Stage 1 to allow for deployment and evaluation time. All dates in this RFP are based on USDOT granting NCDOT a time extension for this project.) NCDOT will evaluate the Stage 1 deployment and if awarded, progress to a Stage 2 Implementation Grant which is required to be complete within thirty-six (36) months.

2.1 System Concept

The Stage 1 Grant supports development of a system that provides automated, actionable hands-free, eyes-free alerts about anomalies to motorists on North Carolina freeways through existing smartphone applications and navigation systems. *Automating Actionable Road Anomalies (AARA)* –

Price Proposal Submittal Instructions

Sealed Price Proposals will be accepted until **September 25, 2024, at 3:00 p.m. EST** at the State Contract Office as shown below:

Mr. Ronald E. Davenport, Jr., PE
Contract Standard and Development
1020 Birch Ridge Drive
Century Center Complex—Building B
Raleigh, NC 27610

No Proposals will be accepted after the date and time specified.

Price Proposals shall be submitted in a sealed package. The outer wrapping shall clearly indicate the following information:

Price Proposal – Hard Copy
Submitted By: (Proposer’s Name)
Proposer’s Address
Automating Actionable Road Anomalies (AARA) – for Traveler Information

Submittal by mail shall not be permitted for this Price Proposal.

The Price Proposal shall be submitted by returning the Request for Proposals with Appendix A—Price Proposal, and all required signatures and bonds. Failure to execute the required documents may render the Price Proposal non-responsive.

4.1 Proposal Selection Procedure

NCDOT has formed a Technical Review Committee with the necessary business and technical expertise to assess the Vendor’s abilities, strengths, and weaknesses based on the proposal responses. NCDOT shall review all Vendor responses to confirm they meet the requirements of the Scope of Work. NCDOT reserves the right to waive any minor informality or technicality in the proposals reviewed.

After issuance of this Industry Draft RFP to short-listed Proposers from the RFQ process, the Department will hold 1-on-1 Question & Answers meetings with Proposers. Afterward, a Final RFP will be distributed to the Proposers for solicitation. The RFP process concludes after the Technical Review Committee reviews technical proposals and NCDOT determines the Preferred Vendor(s).

To ensure that information is distributed equitably to all short-listed Teams, all questions and requests for information shall be directed to the State Contract Officer through the Alternative Delivery e-mail address (altdelivery@ncdot.gov). This precludes any team member, or representative, from contacting representatives of the Department, other State Agencies or Federal Agencies either by phone, e-mail or in person concerning the Design-Build Project.

NCDOT will evaluate the proposals according to completeness, content, and experience with the ability of the Vendor and their staff. Specific criteria are listed in the Technical Evaluation Criteria below. Vendors are required to demonstrate an understanding of tasks and responsibilities defined within each requirement identified throughout this scope of work and each requirement shall be addressed as requested.

4.3.6 Proposed Personnel (Requirement 6)

In the technical proposal: The Proposer shall provide resumes of key individuals that will be part of this project, i.e. Project Manager, Key Staff and other members of the Team. **The RESPONSES shall not count toward the page count for the Technical Proposal.**

4.3.7 Price Proposal (Appendix A)

The Proposer shall define the costs associated with the proposed services by filling in the Price Proposal in Appendix A.

Payments will be made upon approval of Deliverables described in Section 3.5.4.

- Deployment and System Test will be paid upon NCDOT approval of **Deployment and System Test Verification Memo.**
- Half of the System Operations Service Total will be paid upon NCDOT approval of **Draft Systems Operations Memo.**
- Half of the System Operations Service Total will be paid upon NCDOT approval of **Final System Operations Memo.**

4.4 Question and Answer Meeting

Due to the unique nature of the work involved in this contract, all short-listed teams will be required to attend an individual question and answer meeting with the Department to address project specifics and address questions related to this procurement and this RFP. These meetings will be held on August 22, 2024, via Microsoft Teams. Each Team will be provided with a one-hour time slot that has been predetermined and transmitted via a letter from the State Contracts Engineer.

A Second Question and Answer Meeting will be held **October 2, 2024**, via Microsoft Teams, at the discretion of the Department.

4.5 Disadvantaged Business Enterprises

The NCDOT is committed to complying with the North Carolina General Statute 136-28.4 with respect to disadvantaged minority-owned and women-owned business enterprises (MBE and WBE) for state funded projects and supporting Disadvantaged Business Enterprise (DBE) firms on federally funded projects. A DBE goal may be set forth in the Request for Proposals (RFP) but if not the utilization of additional DBE/WBE/MBE firms as well as Small Professional Service Firms will be encouraged.

4.6 General Information

It is not the intention of NCDOT to receive project specific design or engineering recommendations in response to this RFP. Proposers should limit their submittals to the information required by this RFP scope of work.

NCDOT reserves the right, at its sole discretion, to either proceed no further with the Project procurement process or to re-advertise in another public solicitation.

The NCDOT reserves the right to accept or reject any of the Proposal responses and / or discontinue the selection process at any time prior to contract execution.