

Zoom Participants

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Pre-Proposal conference accessible via Zoom:

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Meeting ID: 834 9730 5187

REQUEST FOR PROPOSALS FREIGHT VEHICLE INTERSECTION OPTIMIZATION SERVICES

Pre-Proposal Conference

June 9, 2021

Agenda

Zoom Instructions

Introductions/Agenda Overview

Project Background/Purpose/Overview of the Scope of Work

RFP Consultant Selection Criteria/Schedule

Questions and Answers

Helpful Hints

Procuring a Turnkey Service

Project Budget = Number of Locations/Functions

Approximately \$4 million

Multiple Technical Solutions

NCTCOG Assists

Background

Region has well-developed highway system, railroads, and airports.

DFW is the nation's leading "inland port."

Dozens of [freight hubs](#) are arrayed across the region.

Dallas-Fort Worth International Airport, a global air freight hub, at the center of the region.

Many of these freight hubs are designated zones called freight-oriented development (FOD).

FODs located along roadways with signalized intersections adjacent to or some distance away from expressways.

These intersections offer an opportunity to improve freight movement efficiency.

Additional inspiration: Texas Connected Freight Corridors, Arlington Cooper Street Connected Corridor, and out-of-state projects such as Georgia DOT's joint project with the Atlanta Regional Council.

RFP Purpose

NCTCOG believes that improving the flow of freight vehicles through intersections has the potential to deliver multiple benefits to the region.

Reducing the number of freight vehicle stops at signalized intersections can:

- Reduce freight delays and increase regional productivity
- Improve the flow of traffic for all vehicles
- Reduce the number of certain crashes involving trucks at intersections
- Reduce emissions caused by idling trucks
- Understand the best uses and applications of freight optimization technologies

Scope of Work

Scope Summary:

Develop a technology-as-a-service approach to freight optimization at key intersections and/or along corridors.

This approach includes activities such as:

- Identification of intersections for deployment
- Outreach to local jurisdictions
- Outreach to the freight industry
- Implementation of the technology in coordination with local jurisdictions hosting the solution
- Maintenance of the solution
- Reporting on the operation of the technology and service
- Developing, on an ongoing basis, recommendations for improving solution operations

Project Tasks:

Task 1: Project management plan

Task 2: System development

Task 3: System implementation

Task 4: System operation

Task 5: System monitoring and data access

Task 6: System optimization

Task 7: Documentation

Draft Schedule

The Project is anticipated to consist of system development, implementation, and testing phases that together will last approximately one year, followed by five years of full-capacity operations. The Consultant will be required to commit to developing and operating the Freight Optimization Solution (FOS) for a minimum of five years once it is fully operational.

Consultant Selection Criteria

Project Understanding	20%
Freight Optimization Solution	40%
Project Manager/Staff Qualifications	25%
Project Budget	15%

DBE Participation Goal: 7.7%

RFP Schedule

RFP Published	May 21, 2021
Questions Due	June 4, 2021
Pre-Proposal Meeting	June 9, 2021
Response to Questions	June 11, 2021
Proposals Due	July 23, 2021
Interviews (if needed)	Week of August 16, 2021
Negotiations	Weeks of August 23, 2021 – September 3, 2021
Executive Board (Contract Awards)	September 23, 2021
Contract Execution	October 2021

Questions?

Responses to questions will be posted
at www.nctcog.org/rfp

All communications concerning this RFP should be directed to TransRFPs@nctcog.org