

# REISSUANCE OF REQUEST FOR PROPOSALS

**FOR A PLATFORM TO MEASURE THE PERFORMANCE OF THE TRAFFIC SIGNALS IN THE  
DALLAS-FORT WORTH REGION**

---

Pre-Proposal Conference  
September 12, 2023

# Agenda

---

Introductions/Agenda Overview

Procedural History

Project Background

Overview of the Scope of Work

RFP Consultant Selection Criteria/Schedule

Questions and Answers

# Procedural History

---

- On March 17, 2023, NCTCOG issued an RFP for a Platform to Measure the Performance of the Traffic Signals in the DFW Region.
- On June 22, 2023, the NCTCOG Executive Board awarded a contract pursuant to the March RFP.
- On July 13, 2023, NCTCOG received a formal bid protest raising concerns about the published budget relative to the ultimate contract award amount and the Disadvantaged Business Enterprise (DBE) participation of the award.
- Pursuant to NCTCOG's Protest Procedures for transportation-related procurements, NCTCOG's Director of Transportation reviewed the concerns raised in the protest and determined that the RFP should be re-issued.

# RFP Preamble

---

- Different Composition of Consultant Selection Committee
  - External Local Government Members
- Qualifications Based Selection
  - Step 1: Select Most Qualified Proposal Team
  - Step 2: Negotiate Fair and Reasonable Price
- No cost information will be requested or received by NCTCOG until Step 2.
- Range of Costs
  - May 2022 RFI - \$540,000 to \$2,000,000 annually
  - Cancelled March RFP - \$7,500,000 over 6-year term
- Demonstrate good faith efforts to meet the proposed DBE goal and/or whether meaningful subcontracting opportunities are suitable for this engagement
- Pre-Proposal Conference

# NCTCOG Traffic Signal Overall Strategy

---

NCTCOG has recently completed a comprehensive regional traffic signal inventory assessment to identify deficiencies in the current system. The next objectives are:

## 1. **Modernize Equipment**

- Completed comprehensive traffic signal inventory assessment.
- Align with regional minimum standards.
- Enhance equipment for evolving traffic management needs.

## 2. **Data-Driven Approach**

- Utilize traffic signal performance measurement platform.
- Identify locations for retiming projects.
- Address areas of congestion and exceeded capacity.

This strategic approach aims to resolve existing issues and position the region for sustainable and efficient transportation management.

# Background

---

## General Project Overview

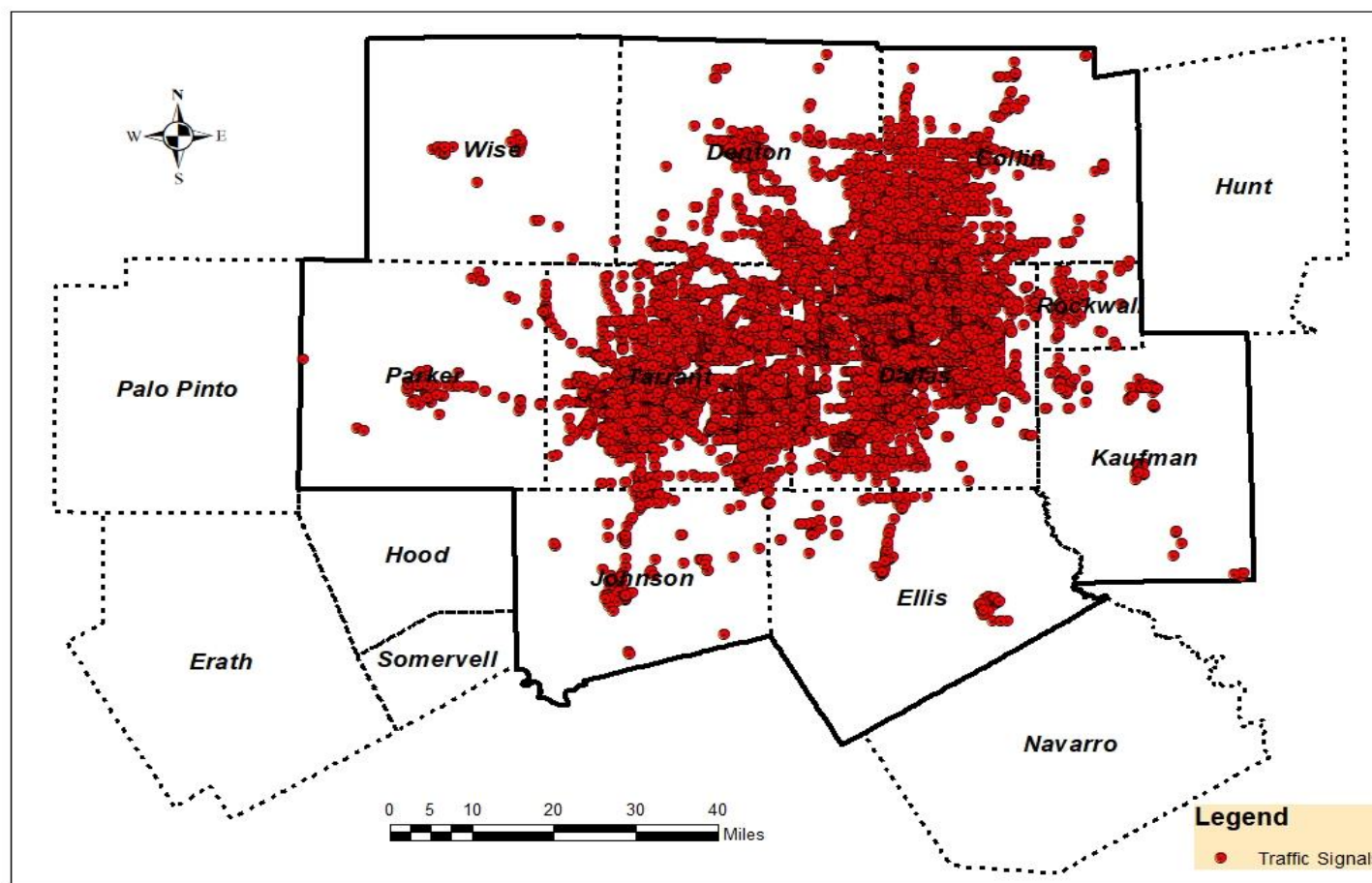
- Traffic congestion is a high concern in Dallas-Fort Worth.
- Causes delays, fuel consumption, emissions, and air quality degradation.
- Arterial congestion makes up 35% of the total congestion, worsening air quality in a non-attainment region.
- Regional Traffic Signal Retiming Program aims to reduce emissions.
- The rapid growth of Dallas-Fort Worth has led to an increasing number of traffic signals and corridors needing retiming.
- Dallas-Fort Worth has 7,000 traffic signals.
- NCTCOG is shifting towards a data-driven approach to select traffic signals and corridors for retiming.

## Scope of Work Overview

- Develop a web-based traffic signal performance platform for NCTCOG.
- Monitor signal performance and prioritize corridor improvements.
- Allow regional partners to track their signal performance.
- Implementation within 6 months of Notice to Proceed.
- Phased approach:
  - Phase 1: Vendor's Basic Platform with required functionality.
  - Phase 2: Enhance platform with external data.
  - Phase 3: Accommodate advanced signal data (timing, geometrics, ATSPM) from partner agencies.

# Scope of Work & Study Area

NON ATTAINMENT TRAFFIC SIGNALS IN THE REGION



# Consultant Selection Criteria

---

Project Understanding	30%
Scope of Services	25%
Qualification of Project Manager and Staff	20%
Knowledge of the Dallas-Fort Worth Area	10%
Firm Qualifications/Consultant References	10%
Schedule	5%

# RFP Schedule

---

RFP Published	September 1, 2023
Questions Due	September 8, 2023
Pre-Proposal Meeting	September 12, 2023
Response to Questions	September 15, 2023
Proposals Due	September 29, 2023
Interviews (if needed)	October 16 <sup>th</sup>
Negotiations	October 2023
Executive Board (Contract Awards)	November 16, 2023
Contract Execution	December 2023

# Questions?

---

Responses to questions will be posted on  
September 15, 2023, at [www.nctcog.org/rfp](http://www.nctcog.org/rfp)