

# TECHNICAL PROPOSAL

## A. EXECUTIVE SUMMARY



NTI35E

North Tarrant Infrastructure 35E (NTI35E) has assembled a world-class team of engineering, construction, quality and maintenance professionals to meet TxDOT's expectations and deliver I-35E Phase 2. A truly integrated team, we emphasize consistent communication and collaboration among all team members. We use a fast-tracked design approach, which considers construction driven schedules while prioritizing long-term maintenance considerations.

## A. ORGANIZATION & CONTENTS

Following the direction of the Instructions to Proposers, NTI35E has organized its response according to the checklist in Exhibit E and contains the requirements of Exhibit B. NTI35E Concept Plans are included in the Appendices in roll plot and 11 x 17 format. Our Preliminary Project Baseline Schedule will be included with the Financial Proposal.

## B. QS CHANGES

NTI35E has no changes to our QS.

## C. ORGANIZATION CHANGES

NTI35E did not submit any change in organization, Equity Members or other Major Participants or Key Personnel.

## D. MANAGEMENT STRUCTURE

Day-to-day and operational decision making authority and accountability will be vested in our project manager, Miguel Alonso. He is TxDOT's sole point of contact for communication on all items, except those specifically assigned to others. A corporate management committee including senior management for the DB Contractor will oversee the organization and major strategic decisions.

NTI35E performed an exhaustive analysis of the existing infrastructures, local conditions and project requirements in all disciplines. Documentation related to this technical due diligence and investigations is contained in Exhibit L.

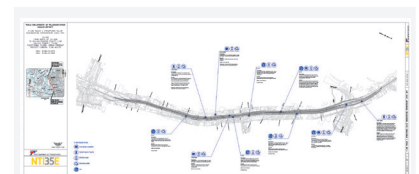
## COMMITMENT STATEMENT

Each Major participant with Key Personnel commits to providing the specified individuals:

- North Tarrant Infrastructure – Project Manager Miguel Alonso, Construction Manager Justin Bengé
- Parsons – Design Manager Mark Frye, PE, Lead MOT Design Engineer Dave Lefaive, PE, PTOE
- PaveTex – Independent Quality Firm Manager Marvin Garcia, PE
- Bowman – Professional Services Quality Assurance Manager Matthew Letson, PE

## E. TECHNICAL SOLUTIONS SUMMARY

1. **Project Management:** We identified a significant number (many more than fit in one page limit) of Value Added Responses (VARs) or proposal commitments that exceed the requirements of the DBA. We have included the VARs that provide superior benefits and value to TxDOT and/or result in outstanding improvements in implementation of the Project.
2. **Quality Management:** NTI35E's quality VARs exceed the requirements of the DBA and improve the overall quality of the Project. The VARs bring best practices, lessons learned and unique solutions from similar projects. Examples include:
  - Test critical materials (soils/concrete) in advance by NTI35E QC laboratory. Additional laboratory and testing to anticipate and correct failures prior to IQF testing.
  - Daily coordination between IQF and OV teams. Pre-empts potential non-validation before it happens; and addresses OV failing test results and non-validation of IQF test results.
3. **Design & Construction Plan:** Through a collaborative approach with TxDOT during the proposal phase, value engineering and constructability analysis, we have incorporated Value Engineering Improvements (VEI) that add superior benefit and value by minimizing delays to the traveling public and inconvenience to surrounding businesses, improving mobility, maximizing safety during construction and ensuring on schedule completion. These VEIs are noted with an icon and highlighted in the five page narrative, identified in the Concept Plans in the Appendix and summarized on the key maps.



Thumbnail of discipline-specific VEI Key Map, full size in roll plots

## F. DBE APPROACH

NTI35E will facilitate DBE participation while providing the resources economic growth and success. We have a proven record of exceeding participation goals through effective comprehensive compliance strategies to monitor and ensure regulatory compliance. We will utilize outreach initiatives such as customized work packages as well as provide mentoring and training. We will use our proven strategies, lessons learned and best practices to ensure we achieve the DBE participation.