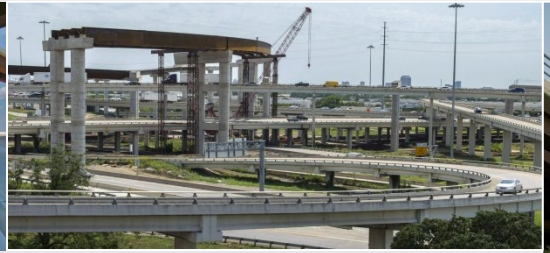
TEXAS DEPARTMENT OF TRANSPORTATION



OAK HILL PARKWAY

Industry Workshop

October 11, 2018

Safety: Mission ZERO

Safety Moment

Safety Never Stops!

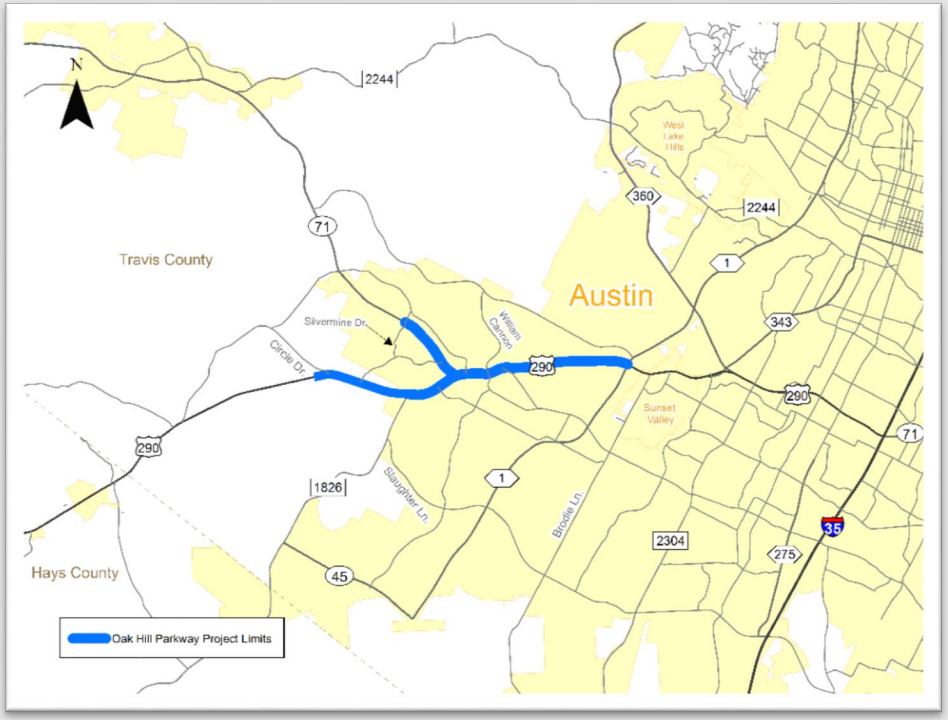
October 11, 2018

Table of Contents

1	Project Purpose and Need	4
2	Proposed Project Overview	5 - 10
3	Project Status and Challenges	11 - 14
4	Qualification Statement Evaluations	15 - 21
5	Procurement Timeline	22
6	Proposer Responsibilities	23 - 24
7	Disadvantaged Business Enterprises (DBE)	25 - 43

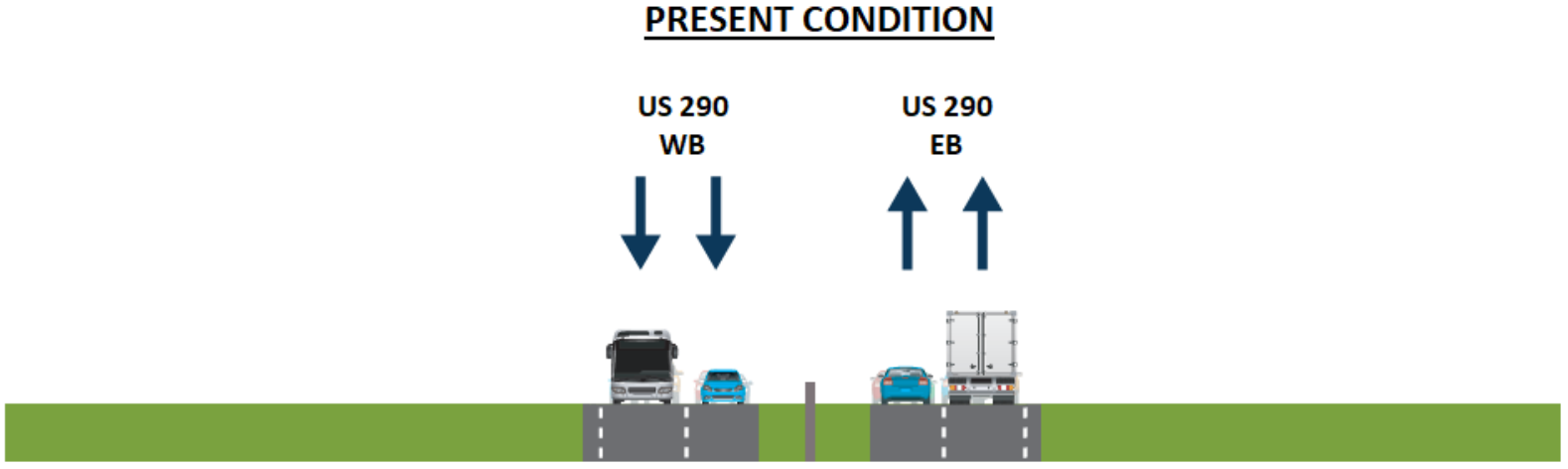
Oak Hill Parkway Project – Purpose and Need

- <u>Project purpose and need</u>
  - Improve mobility and operational efficiency
  - Promote long-term congestion management
  - Improve safety
  - Improve emergency response



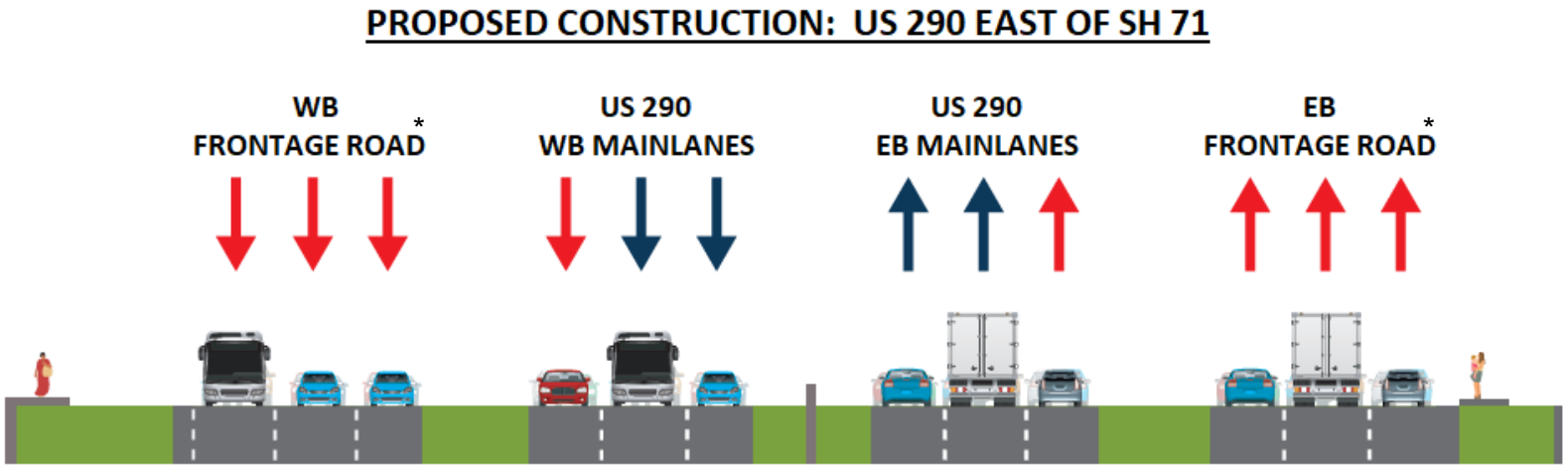
Oak Hill Parkway Design-Build Project

- **Total length:** Approximately 7 miles



Oak Hill Parkway Design-Build Project

- **Total length:** Approximately 7 miles



*West of SH 71 there will be two (2) frontage road lanes in each direction

Note: Additional capacity is shown with red arrows

Oak Hill Parkway Project – Overview (continued)

- <u>US 290 from Loop 1 (MoPac) to RM 1826 with transition extending west of Circle Drive</u>
  - Three (3) mainlanes for through traffic in each direction
  - Two (2) to three (3) frontage road lanes in each direction
  - Overlay from approx. Monterey Oaks Blvd. to MoPac
  - Widen and overlay from Parkwood Dr. to Monterey Oaks Blvd.
  - Full reconstruction from Circle Dr. to Parkwood Dr.
    - New overpass for the US 290 mainlanes over William Cannon Dr.
    - Depressed mainlanes of US 290 under SH 71 at US 290 / SH 71 interchange
  - Full intersections constructed along US 290 at Convict Hill Rd., RM 1826, Scenic Brook Dr., and Circle Dr. (South View Rd.)

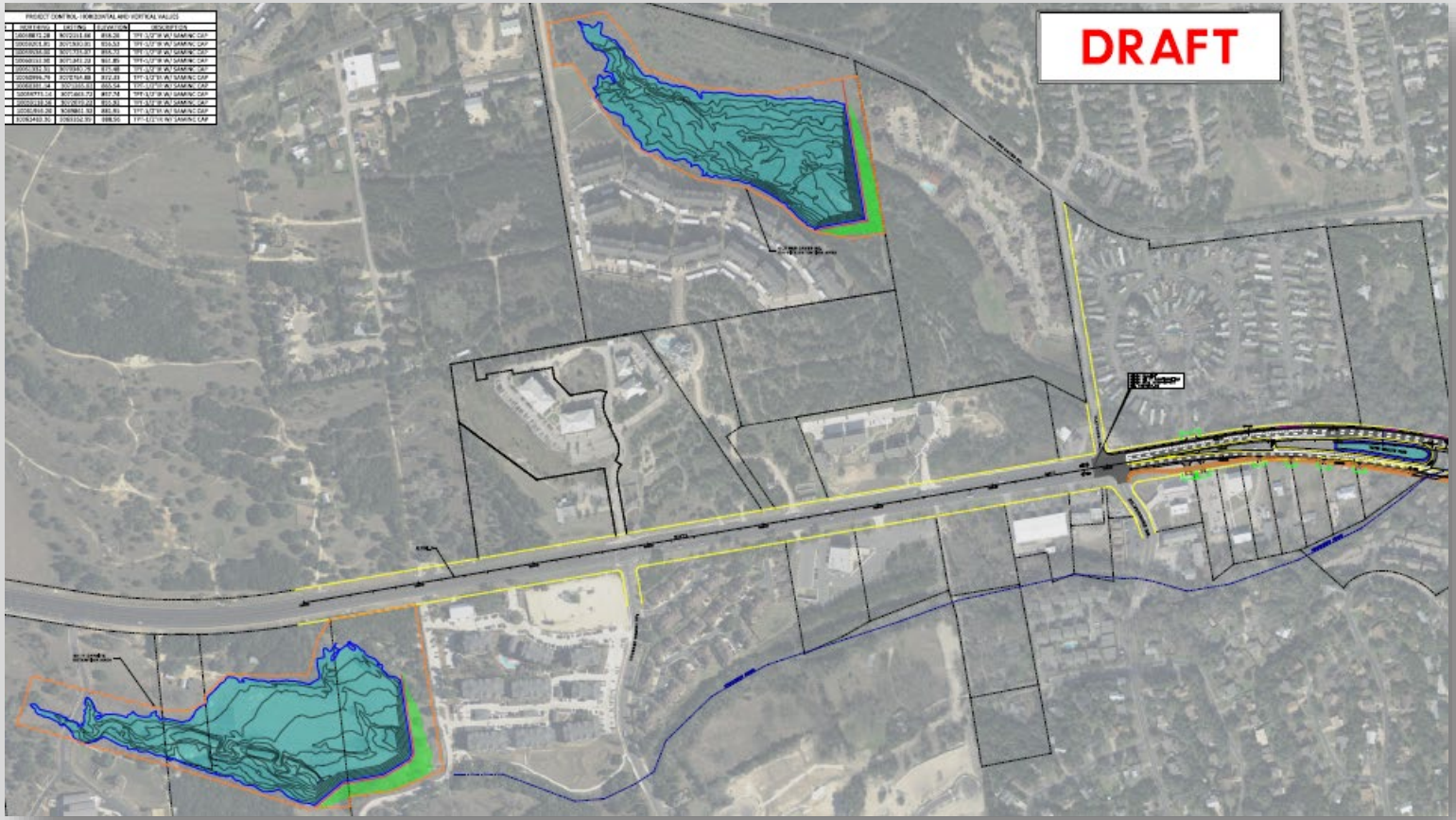
Oak Hill Parkway Project – Overview (continued)

- Two Direct Connectors (S-E and W-N direction)

Oak Hill Parkway Project – Overview (continued)

- <u>SH 71 (from US 290 to Silvermine Dr.)</u>
  - Full reconstruction from US 290 to Silvermine Dr.
  - Direct Connector ramps to extend past Scenic Brook Dr. where the mainlanes transition to a five-lane (three lanes northbound, two lanes southbound) rural highway with U-turns for local access
- Multiple stormwater detention and water quality treatment ponds within the corridor
- Bicycle and pedestrian accommodations along entire corridor, including seven-mile shared-use path, sidewalks, and trailhead at Williamson Creek on William Cannon Dr.
- Landscaping, tree protections & plantings, and corridor aesthetics

Oak Hill Parkway Project – Overview (continued)



Project Status

- Contract Method
  - Design-Build Contract with an anticipated 5-year Performance Warranty.
- Project Cost Estimate
  - Anticipated Design-Build Contract (DBC) cost of $467.2M.
- Disadvantaged Business Enterprise (DBE) Goal
  - It is anticipated that there will be a DBE goal of 7.0% for construction.
  - It is anticipated that there will be a DBE goal of 12.6% for professional services.
- Environmental Clearance
  - TxDOT is pursuing a Record of Decision for the Project and environmental clearance is anticipated in December 2018.
  - A Public Hearing for the DEIS was held on May 24, 2018. Information can be found on the public meeting website:

    http://www.oakhillparkway.com/environmental/public-input.php

Project Status (continued)

- <u>Design and Construction</u>
  - A draft schematic currently under review by TxDOT will be provided in the Reference Information Documents (RIDs).
  - Schematic approval is anticipated in conjunction with completion of the environmental process.
- <u>Right of Way (ROW)</u>
  - TxDOT anticipates the need for ROW acquisition services for this Project (approximately 80+ parcels).
  - TxDOT is currently developing ROW maps for the Project and will begin the ROW appraisal and acquisition process and continue this process until contract execution.
  - If the ROW acquisition process has not been completed by contract execution, it is anticipated that the DB Contractor will complete TxDOT ROW acquisition efforts.

Project Status (continued)

- Geotechnical
  - TxDOT will conduct geotechnical investigations and provide the information to shortlisted proposers as it becomes available.
  - A geotechnical report is anticipated to be available in the Spring of 2019.
- Utilities
  - The DB contractor will be responsible for performing necessary utility relocations / adjustments.
  - TxDOT anticipates providing SUE Level B-D and Level A at isolated locations to shortlisted proposers prior to issuance of the RFP in the Spring of 2019.
- Railroad
  - There are no railroad crossings on the project.
- Hazardous Material Investigations
  - The environmental documents to be included in the RIDs will include studies showing the results of hazardous materials assessments related to the Project.

Project Challenges

- Construction phasing
- Traveling impacts during construction
  - Work Zone management strategies
  - Traffic Incident management (inside work areas---emergency response)
- Business impacts during construction (accommodate business owners' needs)
- Environmentally sensitive area
  - Edwards Aquifer recharge zone / contributing zone
- Karst feature mitigation
- Minimal disturbance to waters of US and wetlands
- Tree protections/preservations
- Utility relocations and impacts
- ROW acquisition efforts
- Drainage design

PROJECT PROCUREMENT

Qualification Statement Evaluations

THE PROCUREMENT PROCESS

- Two step procurement process
  - RFQ
  - RFP
- QS Evaluations (Shortlisting) - How each QS will be evaluated:
  - Project Qualifications and Experience (60% weighting)
  - Statement of Technical Approach (30% weighting)
  - Safety Qualifications (10% weighting)

Qualification Statement Evaluations

- Project Qualifications and Experience (60% weighting)
  - Experience with designing comparable projects (**8 points**)
  - Experience with constructing comparable projects (**8 points**)
  - Experience with independent quality assurance on comparable projects (**8 points**)
  - Strength of the proposed organization and management structure (**4 points**)
  - Experience of the Key Personnel for the Project (**29 points**)
  - Responsiveness toward the DBE involvement, objectives and goals (**3 points**)

Qualification Statement Evaluations

- <u>Key Personnel Experience (29 points total)</u>
  - Project Manager (**5 points**)
  - Independent Quality Firm (IQF) Manager (**5 points**)
  - Construction Manager (**4 points**)
  - Design Manager (**4 points**)
  - Professional Services Quality Assurance Manager (PSQAM) (**4 points**)
  - Environmental Compliance Manager (**2 points**)
  - Right of Way (ROW) Manager (**1 point**)
  - Utility Manager (**1 point**)
  - Lead Maintenance of Traffic (MOT) Design Engineer (**1 point**)
  - Certified Arborist (**1 point**)
  - Safety Manager (**1 point**)

Qualification Statement Evaluations

- <u>Statement of Technical Approach (30% weighting)</u>
  - Demonstrate a full understanding of the Project's scope and complexity (**8 points**)
  - Demonstrate a complete understanding of Project risks and potential solutions that may arise during all Project phases, including design and construction (**11 points**)
  - Demonstrate a complete understanding of interaction between Quality Control, Independent Quality Firm, Professional Services Quality Assurance Firm and Owner Verification, Testing and Inspection and the ability to plan, organize, execute, assure and control the quality of the Work with respect to design, testing, and inspections (**11 points**)
- <u>Safety Qualifications (10% weighting)</u>
  - Fatal injury rate per 100,000 full-time workers (**3 points**)
  - Incidence rate of injury and illness cases per 100 full-time workers (**4 points**)
  - National Council on Compensation Insurance ("NCCI") experience modifier (**3 points**)

List of currently Precluded Firms

- <u>List of currently Precluded Firms</u>
  - A Strauss-Wieder, Inc.
  - Atkins North America
  - Cambridge Systematics, Inc.
  - CDM Smith, Inc.
  - Cox|McLain Environmental Consulting, Inc.
  - CP&Y, Inc.
  - Dandy Idea
  - Engineering Management Solutions
  - Envision Sustainability Tools
  - HBMG, Inc.
  - H&H Resources, Inc.

- <u>List of currently Precluded Firms</u>
  - HDR Engineering, Inc.
  - HNTB Corporation
  - HVJ North Texas – Chelliah Consultants, Inc.
  - Ibarra Consulting Engineers, Inc.
  - Jacobs Engineering Group Inc.
  - Johnson, Mirmiran & Thompson, Inc.
  - K Friese & Associates, Inc.
  - Land Strategies
  - Lonestar Program Controls Group
  - Mercator Advisors, LLC
  - Milligan Partners, LLC

List of currently Precluded Firms (continued)

- <u>List of currently Precluded Firms</u>
  - McGray & McGray
  - Monkee-Boy
  - Nancy Ledbetter & Associates, Inc.
  - O.R. Colan Associates
  - Overland, Pacific & Cutler, LLC
  - Nathelyne A Kennedy & Associates, LP
  - Ramos Consulting, LLC
  - Rifeline, LLC
  - Rodriguez Transportation Group, Inc.
  - Roger Design Services, PLLC
  - Reynolds, Smith & Hills (RS&H)

- <u>List of currently Precluded Firms</u>
  - RVi Planning
  - Seiler-Lankes Group, LLC
  - Stantec
  - Surveying and Mapping, Inc.
  - THC, Inc.
  - The Transtec Group
  - Affiliates or subsidiaries of any of the listed firms.

Oak Hill Parkway Project – Anticipated Procurement Timeline

Milestone	Date
Commission action to issue RFQ	September 27, 2018
Issue RFQ	October 12, 2018
Qualification statements due	November 9, 2018
Commission action to issue RFP	December 2018
Issue final RFP	April 2019
Proposals due	September 2019
Commission action to approve conditional award	October 2019
Contract execution	January 2020
Construction completion	Early 2024

Proposer Responsibilities

- Proposers are responsible for monitoring the Project Webpage for information:

  https://www.txdot.gov/inside-txdot/division/debt/strategic-projects/alternative-delivery/oak-hill/rfq.html

- TxDOT will post any addenda to the RFQ on the Project Webpage.
- Proposers are advised that responses to questions posed at this workshop are considered to be on an informational basis and are not binding on TxDOT.
- The process for official questions and answers is stated in the RFQ:
  - **The deadline for questions is Monday, October 22, 2018 (noon) and will be accepted via email to:** TxDOT-AUS-ALTD-OakHillParkway@txdot.gov
- TxDOT may post responses to those questions of general application and requests for clarifications which TxDOT deems to be material and not adequately addressed in previously provided documents on the Project Webpage.

Proposer Responsibilities

- Proposers are responsible for ensuring Qualification Statements (QS) are delivered by hand or courier to "TxDOT's Authorized Representative" at the following address:

Tooran Khosh, P.E., MBA, PMP
Project Finance, Debt, & Strategic Contracts Division
Texas Department of Transportation
7600 Chevy Chase Drive, Building 2, Suite 400
Austin, Texas 78752

- **QSs will be accepted and must be received by TxDOT during normal business hours before 12 p.m. (Central Time) on Friday, November 9, 2018.**

- QSs not received prior to such time on the QS Due Date will not be considered by TxDOT for evaluation or shortlisting.

DBE PROGRAM REQUIREMENTS ON DESIGN-BUILD PROJECTS

Policy Statement

- TxDOT has established a DBE Program in accordance with regulations of the United States Department of Transportation (U.S. DOT).
- TxDOT receives federal funding from the U.S. DOT and as a condition of receiving this, TxDOT has signed an assurance that it will comply with 49 CFR Part 26.
- TxDOT's DBE Program is applicable to contracts funded with federal assistance.

Policy Statement

TxDOT has committed to

- Ensuring non-discrimination in the award and administration of U.S. DOT-assisted contracts
- Creating a level playing field on which DBEs can compete fairly for U.S. DOT-assisted contracts
- Ensuring that the DBE Program is tailored in accordance with applicable law
- Ensuring that only firms that fully meet 49 CFR Part 26 eligibility standards are permitted to participate as DBEs
- Helping remove barriers to the participation of DBEs in U.S. DOT-assisted contracts
- Assisting the development of firms that can compete successfully in the marketplace outside the DBE Program

What is a DBE?

- DBE refers to a small business which is at least 51% owned by one or more socially and economically disadvantaged individuals.
- Socially and economically disadvantaged individuals refer to women and any minorities.
- All DBEs are small businesses, but not all small businesses are DBEs.

What is a DBE?

- Please do not confuse DBE certification with Historically Underutilized Business (HUB), Small Business Enterprise (SBE) or Minority Business Enterprise (MBE), which are other certifications provided to small, minority businesses.
- These certifications are different than the DBE certification required for meeting goals on U.S. DOT federally assisted contracts.

Setting DBE Goals

Agency Overall Goal

Every three years, TxDOT is required by federal guidelines to determine an overall DBE goal for the agency, which is projected using a formula recommended by the Federal Highway Administration (FHWA).

DBE Contract Goals

- Race Conscious (RC): Contract goals that are set/focused specifically on assisting only DBEs.
- Race Neutral (RN): DBE goal achievement on a federally assisted contract where RC DBE goal was exceeded, a DBE is the prime, or where there was no DBE goal.

Setting DBE Goals

FHWA FY17-19

Overall: 12.6%

RC: 6.8%

RN: 5.8%

DBE Contract Goals

- TxDOT sets DBE goals on individual procurements, which are funded though federal dollars and are likely to have opportunities for DBE firms.
- TxDOT encourages DBEs to submit bids as a prime contractor and/or participate as subcontractors on projects that are in their field of work based upon their North American Industry Classification System (NAICS) codes.

DBE Contract Goals

The prime contractor is obligated to make good-faith efforts to meet the DBE contract goal, by:

- obtaining enough DBE participation to meet the goal
- documenting its good faith effort to do so

Procurement

- Request for Qualifications (RFQ) will be released on Friday, October 12, 2018.
- TxDOT currently estimates there will be a DBE goal of
  - 7% for construction
  - 12.6% for professional services

Award of Contract

- The project operates pursuant to a “design-build” contract.
- As such, a Design-Build Contractor may be unable to identify individual DBEs at the beginning of the contract.
- The Design-Build Contractor will submit a DBE Performance Plan after conditional award, but before contract execution.
- Obligation to use ongoing good-faith efforts to hire DBEs to meet the contract goal and submit commitments using the ADP 4901 commitment forms located at:
- https://www.txdot.gov/business/partnerships/dbe-forms.html

DBE Performance Plans

Written by Design-Build Contractor and approved by TxDOT

Includes the following information

- Details on how the contractor will achieve the goal
- Work items available for subcontracting opportunities for DBEs
- Outreach efforts
- Tracking and reporting DBE participation

Commitments

- Dollar commitments to specific DBEs are established as part of the contract.
- DBEs are certified to perform certain types of work.
- To receive credit for good-faith efforts and to count towards goal attainment, DBEs must be certified to do the Scopes of Work that they are contracted to perform.
- TxDOT requires commitments for professional and construction firms before those firms are used.
- Commitments are required before the first notice to proceed for DBE goal credit purposes.

Diversity Management System (DMS)

- DMS is an online tracking system.
- All contractors on federal-aid contracts are required to use DMS.
- DBE commitments and prompt payment reporting are made through DMS.
- All primes and DBEs must be registered in DMS.

Diversity Management System (DMS)

- Access the Diversity Management System Homepage.
  - https://txdot.txdotcms.com/
- Contact the Civil Rights Division at 512-416-4700 to get log in credentials for DMS.

Monitoring Compliance

Austin District staff will:

- Monitor the Design-Build Contractor's good-faith efforts to achieve the project DBE goal.
- Obtain and review subcontracts and purchase orders for DBEs.

Monitoring Compliance

- Monitor and verify payments to DBEs.
  - Prompt payment
    - Pay the subcontractor for work performed within 10 days after receiving monthly draw requests for the work performed by the subcontractor.
- Review and approve termination requests.
  - No substitutions of DBEs without good cause and written district approval.
- Respond to any complaints from DBEs.

Texas Department of Transportation

Civil Rights Division

(512) 416-4700

CIV_Compliance@txdot.gov

QUESTIONS?

THANK YOU