



July 30, 2024

FY2025 WAVE1 Planning Procurement Houston District

Pre-RFP Meeting

HELP

#EndTheStreakTX

End the streak of daily deaths on Texas roadways.

House Keeping

1. Be sure to provide your information on the sign-in sheet.
2. Please mute your phones
3. Virtual attendees please enter questions in Chat Box
4. In-person attendees, please ask your questions at the end of the presentation.

Agenda

- **House Keeping**
- **Introduction**
- **Consultant Selection Team (CST)**
- **Ground Rules**
- **Procurement Information**
- **Consultant Team Expertise**
- **Work Categories**
- **Programs and Models Used**
- **Anticipated Work Activities**
- **Examples of Past Work**
- **Past Products / Deliverables**
- **PEPS Procurement Process**
- **Next Steps / Questions**

Introduction

■ HOUSTON DISTRICT

1. Qing Li, Ph.D. - Planner – CST Member
 2. Madeleine Hirsch, P.E. - Planner – CST Member
 3. Kelsey Warford - GIS Analyst – CST Member
- Catherine McCreight – Planning Director (HOU) – Non-CST member

■ PEPS Houston Service Center:

- John Mosaffa, P.E. – Transportation Engineer (Procurement Engineer)
- Kimlinh V. Nguyen, P.E. – PEPS Houston Service Center Section Director

Consultant Selection Team (CST)

- Planning section consultant selection team members and areas of interest:
 - Qing Li, Ph.D. (Selection Team Lead) - transportation planning, traffic safety, traffic projections, and big data integration and applications
 - Madeleine Hirsch, P.E. – multimodal safety analysis and design, schematic roadway design, traffic demand management, complete streets, parking studies, and public engagement.
 - Kelsey Warford – GIS and cartography, data analysis and management, and database administration

Ground Rules

- 1.** Do Not contact CST Members regarding this procurement.
- 2.** This presentation is for **INFORMATIONAL PURPOSES ONLY**.
- 3.** The advertised RFP will dictate the final work categories. Read and comply with the RFP requirements.

Procurement Information

- FY 2025 WAVE 1
- 3 IDIQ contracts @ \$3M each
 - Five years, Four years to issue WAs
- Project will be focused in the Houston Area
- No interviews
- HUB goal - TBD

Scope Overview

Consultant Team Expertise

- PM must be a Texas licensed engineer
- Traffic projections (**emphasis area**)
- Transportation planning
- Transportation engineering, including planning level schematic design
- Multimodal engineering and planning
 - e.g., intermodal hubs, transit, bike/pedestrian, micro-mobility
- Traffic engineering
- Transportation modeling (macro, meso, microscopic levels)
- Public involvement

Work Categories (preliminary list)

- Subarea/Corridor Planning (1.3.1)
- Feasibility Studies (1.5.1)
- Traffic Demand Modeling (1.7.1)
- Public Involvement (1.8.1)
- Traffic Engineering Studies (7.1.1)
- Active Transportation (9.2.1) - Bicycle and Pedestrian Facility Development
- Traffic Projections (23.4.4)

Programs and Models Used

- Prefer the use of TxDOT/H-GAC standard tools/platforms
 - MS Teams
 - Tableau
 - ArcGIS Online
 - MicroStation
 - Illustrator/InDesign/Photoshop
 - Travel/Transportation Models
 - TxDOT's state model and H-GAC's land use model, travel demand model, and activity-based model
 - e.g., SAM, CUBE Voyager, DynusT, VISSIM, Synchro

Anticipated Work Activities

- Traffic projection studies
- Access management studies
- Safety studies
- Sub-area/corridor planning
- Multi-modal analysis
- Transportation/traffic modeling analysis
- Traffic optimization
- Feasibility studies

Anticipated Work Activities (continued)

- Traffic engineering studies
- Origin/destination studies
- Travel time/delay studies
- Capacity analysis studies
- Intelligent Transportation System analyses and design
- Bicycle/pedestrian planning and engineering studies
- Freight studies

Examples of Past Work

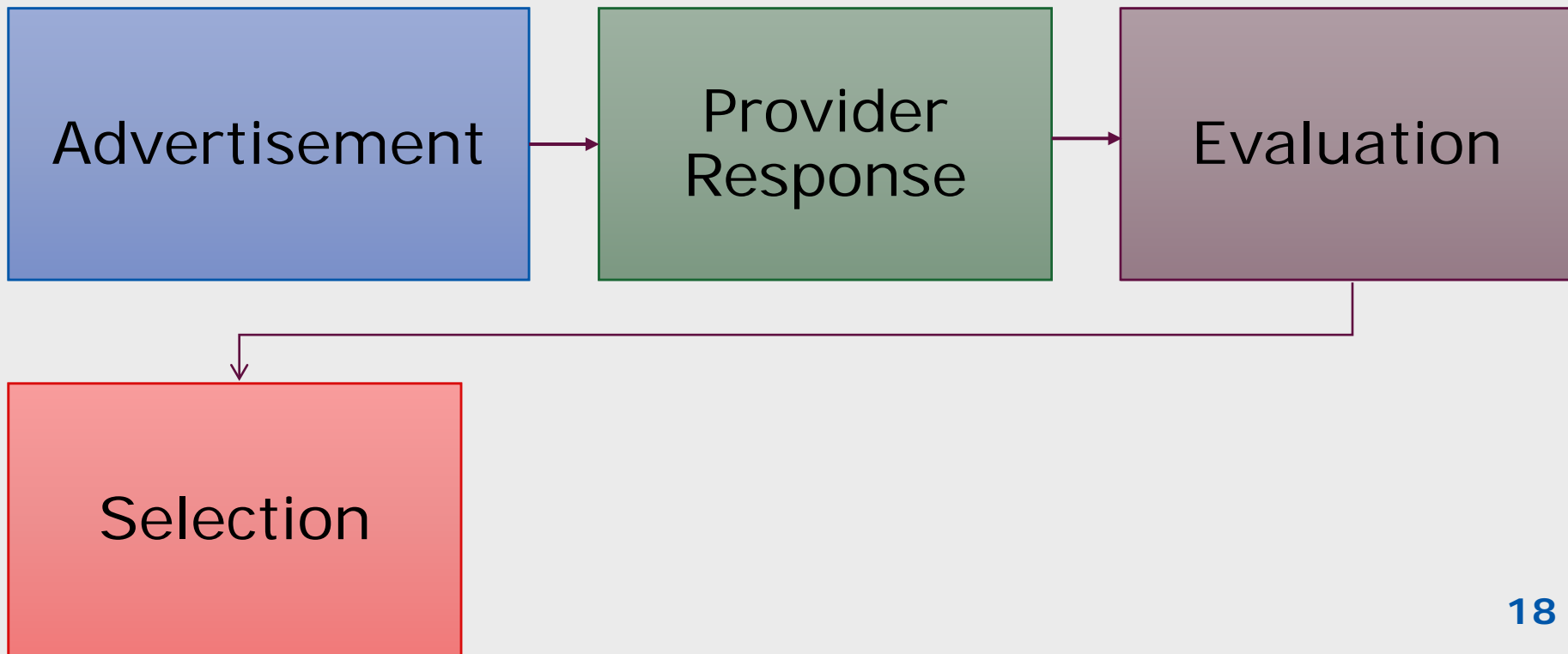
- District Led/Option C traffic projections
- Access management studies
- Subregional or subarea studies
 - SWIFT: Sustainable Ways to Integrate Future Transportation
 - SMART: Sustainable Mobility Alternatives for Regional Transportation
 - Urban Core
- Long- and short-range planning and programming
- Travel demand, dynamic traffic assignment, and microscopic modeling

Past Products / Deliverables

- Traffic projection methodology report and stick diagrams
- Projects and planning level schematics
- Supporting reports – production of high-quality, four-color, full color layouts and PowerPoints
- Multimedia (e.g., short video clips)
- MicroStation files
- Travel and traffic modeling processes and outputs
- Public involvement and virtual environments for public engagement
- Online survey/questionnaire development

PEPS Procurement Process

Procurement Process



Tentative Timeline

RFP Posting
early to
mid
September

Proposals
Due Early
Oct.

Selection
Complete
End of
October

Contract
Execution
Jan '25

Evaluation Criteria

Evaluation Criteria	Included Elements
Technical approach	Project understanding, project approach, innovative concepts or alternatives
Project Manager's relevant experience	Experience with similar or related projects, including both technical and management experience
Project planning and management	Project staffing and resource management (who, how, and why), communication plan, and quality control procedures. The prime firm's past experience with utilizing subproviders and meeting program goals (HUB) and/or how it plans to utilize subproviders to meet the goals on this contract. Also, may include project scheduling.
Key staff's relevant experience	Experience with similar projects
Past Performance Score	

Proposals are independently scored by CST members based on the four evaluation criteria and their corresponding weightings.

RFP Section 22 HUB Program

When Preparing your HSP follow the instructions on the advertised RFP

i. (I.3.6.1) Identify Subcontracting Areas and Divide Them into Reasonable Lots

- A respondent should first identify each area of the contract work it intends to subcontract. Then, to maximize HUB participation, it should divide the contract work into reasonable lots or portions, to the extent consistent with prudent industry practices. **The respondent will apportion the work using work categories and complete the HSP (HSP Section 2.b - Subcontracting Opportunity Description). The Work Categories and the Percent of Work Per Category section of the RFP includes work categories for probable subcontracting opportunities on this solicitation.**

**** Using NIGP codes instead of work categories could result in disqualification**

Submittal Reminders

- Submit before the deadline
- QA/QC the submittal by referring directly to the RFP
- Check that all mandatory forms are in your submittal
- Verify name of project manager and task leaders
- Verify Task Leaders are pre-certified in the listed work categories
- Verify that your sub-providers are pre-certified in the listed work categories
- Check HUB participation

Next Steps

- Questions and Answers
 - Q&A will be conducted over the next 10 business days
 - Questions are due: Tuesday, August 6**
 - Submit questions to: John.Mosaffa@txdot.gov
 - Subject line: HOU- Planning_ Pre-RFP Meeting_ Questions
 - Answers published Monday, August 12 on the TxDOT Consultant Information Meetings web page
<https://www.txdot.gov/business/peps/opportunities/meetings.html>
 - No other questions past Tuesday, August 6
 - Contact PEPS directly for any other questions/concerns/problems**

