



Legislation Text

File #: 21-4261, **Version:** 1

To: Harris County Commissioners Court

Date: August 24, 2021

Through: Roberto Treviño, P.E., Executive Director, Toll Road Authority

Prepared By: Anil Mirmira, P.E., Deputy Director Tolling Operations, Toll Road Authority

Subject: Approval of a professional engineering services agreement with Entech Civil Engineers, Inc. for the permanent transition of the Toll Road operations to an all-electronic roadway environment (All Precincts).

Project ID (If applicable):

Purpose and Request:

Request for approval of an agreement with Entech Civil Engineers, Inc. to provide professional program engineering services for the permanent transition of the Toll Road operations to an all-electronic roadway environment in an amount not to exceed \$19,800,000.00 (All Precincts).

Background and Discussion:

Following Commissioners Court's July 28, 2020 authorization to accelerate planning and development for the permanent transition of the operations of the Toll Road Authority to an all-electronic roadway environment, the December 15, 2020 Commissioners Court authorized through Harris County Purchasing department the solicitation for qualifications to provide professional engineering services to accomplish this transition. On June 29, 2021, Commissioners Court authorized negotiations with Entech Civil Engineers, Inc. (an HUB/MWBE).

The Program Management Team will be responsible for providing program-engineering services, overall program management, project supervision, scheduling, administration, and oversight of individual project development documents produced by other firms, maintenance of program documents and possibly website materials, and public engagement/communication program for the permanent transition of Toll Road Operations to an all-electronic roadway environment. The Program Management Team will consist of the following firms:

- 1) Entech Civil Engineers, Inc. (*HUB/MWBE*) - Overall Program Management/Project Supervision
- 2) Atser, LP (*HUB/MWBE*) - Geotechnical Services
- 3) BGE, Inc. - Traffic Management and Fiber Network Services
- 4) Binkley & Barfield, Inc. - Utility Coordination, Subsurface Utility Engineering, Private Utility Design.
- 5) Concept Engineers, Inc. (*HUB/MWBE*) - Structures Support
- 6) Landtech, Inc. (*HUB/MWBE*) - Surveying Services
- 7) Outreach Strategists, LLC (*HUB/MWBE*) - Public Engagement Services
- 8) Taylor Construction Management, LLC (*HUB/MWBE*) - Construction Management Services
- 9) Versa Infrastructure (*HUB/MWBE*) - Scheduling
- 10) WSP USA, Inc. - Tolling Solutions, Plaza Designs and Business Rules/Operations

The total MWBE participation for this agreement is 72.6%.

To maximize participation in the transitioning to an all-electronic roadway environment, there will be additional opportunities for detailed design and construction to implement at a later time.

Fiscal Impact:

Funding for this request will come from the Toll Road Authority.

Fiscal Summary			
Expenditures	FY 21-22	FY 22-23 Projected	Future Years Projected [3 additional years]
Service Impacted: <i>[Please identify the division where expenditures will be incurred]</i>	TRA	TRA	TRA
Existing Budget	Capital	Capital	Capital
Additional Appropriation Request	\$3.960M	\$3.960M	\$11.880M
Total Expenditures	\$3.960M	\$3.960M	\$11.880M
Funding Sources			
Existing Department Budget	TRA	TRA	TRA
Please Identify Funding Sources: Special Revenue, Grant, etc.	Capital	Capital	Capital
[INSERT FUNDING SOURCE]	TRA-Capital	TRA-Capital	TRA-Capital
Total Sources	TRA-Capital	TRA-Capital	TRA-Capital

Alternatives:

No other recommended solution for this identified need.

Alignment with Strategic Objective:

This recommendation aligns with HCTRA's strategic objective (ENG-02/IT-SO2) to deliver toll collection solutions and services of great value.

Attachments: Engineering Services Agreement *(fully executed)*