

**Tampa-Hillsborough County Expressway Authority**  
**Notice of Request for Proposal for**  
**Miscellaneous Emerging Technologies Services**  
**RFP/Contract No. P-1823**

THEA contemplates engaging one or more firms under a “continuing contract” as defined by the Florida Competitive Consultants Negotiation Act, Florida Statutes 287.055(2)(g), and in accordance with the THEA’s Procurement Policy.

The Tampa-Hillsborough County Expressway Authority (THEA) has issued the Request for Proposals (RFP) to solicit Expanded Letters of Response (ELOR) packages from qualified respondents interested in providing specialized services on an as-needed basis related to planning, evaluating, and determining implementation steps for innovative and emerging technologies. THEA is also looking for qualified respondents that have a local presence in the Tampa Bay area.

For the purposes of the RFP, how the use of data when combined with technology, can be used by the agency to create a functional advantage in operations, safety and efficiency is included in the definition of innovative and emerging technologies.

Respondents must demonstrate to THEA that they are fully capable, staffed, and qualified to provide the services required by the RFP. Fully qualified respondents (and/or their team assigned to this project) will have the qualifications (knowledge, education, training, expertise and skills), and experience (documentation, successful, and relevant) necessary to meet the requirements of the RFP. Determination of the respondents best qualified and experienced to perform the services required through the RFP will be determined by THEA in its sole opinion.

Please note this is a THEA planning support RFP. THEA reserves the right to develop small-scale pilots or demonstrations under this RFP. THEA deployment or systems development will be completed under separately procured RFPs.

Selection will be made from the Expanded Letters of Response (ELOR) packages and Oral Interviews. THEA will evaluate the ELOR packages and will shortlist firms that will proceed to Oral Interviews.

The Instructions and Submittal Documents are available on THEA’s website (<https://www.tampa-xway.com/doing-business/procurement/>) and through the DemandStar System (<https://network.demandstar.com/>).

Interested firms are to obtain a copy of the ELOR Instructions and Submittal Documents and submit a completed ELOR Package to THEA as referenced in Paragraph 1.4, Schedule of Events, of the RFP.

**All Questions related to the Project or RFP Should Be Addressed To:**

Shannon Bush at [Procurement@tampa-xway.com](mailto:Procurement@tampa-xway.com)

Please reference RFP No. P-1823

**SUMMARY OF THE SCOPE OF SERVICES:**

Services to be provided by the selected firm(s) may include, but are not limited to or required to include the following:

- Emerging technologies
  - Software Application Development
  - Specifications Development and Review

- Research and Analysis
- Strategic Support related to National Trends, Legal and Policy Development, and Rulemaking related to Technologies and Implementation
- Purchasing and Cost Estimate Support for Purchasing Assets, Software and Technology
- Connected Vehicle (CV) Technology
  - Planning, Design and/or Deployment of Vehicle to Infrastructure (V2I)
  - Software Development
  - Systems Engineering and Integration
  - Design Specifications and Review
- Automated/Autonomous Vehicle (AV) Technology
  - Vehicle Development and Technology
  - Modeling and Planning
  - Deployment and Integration Testing
  - Design Specifications and Review
  - Standards Development
- Alternate Fuel
  - Electric Vehicles
  - Electric Vehicle Charging
  - Inductive Charging
  - Infrastructure Requirements
  - Hydrogen Vehicle
  - Hydrogen Vehicle Charging
- ITS and Smart Traffic Management
  - Modeling, Specifications Development and Review
  - Speed Harmonization
  - Interoperable Alternate Tolling Solutions
  - Communications Technology and Security
- Mobility as a Service (MaaS) or Mobility on Demand (MoD)
  - On-demand Modeling
  - Service Development
  - Planning, Designing and Assessing Deployment Designs
- Smart Infrastructure and Applications, including but not limited to:
  - Smart Lighting
  - Smart Pavement/Paint
  - Smart Infrastructure Resiliency
  - Asset Monitoring
- Data Analytics and Financial Strategies
  - Data Analysis and Analytic support for Policy, Planning and Investment
  - Public-Private Partnership Development Support
  - Innovative Financing Mechanisms for Innovative Technologies/Projects
  - Financial Modeling Tools for Return on Investment
- Communications and Cybersecurity
  - Data Security and Infrastructure Cybersecurity
  - Monitoring of bandwidths for intruders
  - Coordinating with the FCC

Successful Respondents will provide specific services that their team can provide.

**QUALIFICATION OF RESPONDENT:**

The successful respondent and their team shall have proven experience in new/emerging/innovative technology or technology that impacts local and state transportation planning and implementation. Successful respondent and their teams will have professionals with very particular skill sets including (but not limited to) designing, implementing, and/or supporting innovative transportation projects such as (but not limited to):

- Alternate fuel propulsion and charging,
- Connected vehicles,
- Automated vehicles,
- Mobility as a Service (MaaS),
- Transportation Applications (Apps) & supporting software development,
- Interoperable Alternate Tolling Solutions,
- Data and Data Generation,
- Asset Monitoring,
- Decision Support Intelligence (AI, Edge Computing),
- Communications and
- Smart City/Infrastructure applications

Respondent(s) and their teams must possess the diverse skills and strengths that can be of significant resource to THEA in the research, investigation/feasibility studies, technology development, strategies, or policy knowledge that may lead to defining pilot or demonstration opportunities for THEA to improve safety, mobility, efficiency, and customer satisfaction.

**CONE OF SILENCE:**

Respondents to the RFP or persons acting on their behalf may not contact members of the Evaluation Committee, other THEA staff, THEA officers or THEA Board of Director Members, or the consultants representing THEA regarding this solicitation and engagement once the advertisement of the RFP has been published and until the THEA Board of Directors has made a final decision regarding the award of the contract.

Any communications regarding this advertisement for RFP must be in writing to THEA, Attention Procurement Department at [procurement@tampa-xway.com](mailto:procurement@tampa-xway.com).

***Violation of this provision shall cause the respondent's ELOR Package to be rejected and disqualified from further consideration.***

**CURRENT SCHEDULE OF HIGHLIGHTED EVENTS:** The full schedule is set forth in the RFP.

<b>Event</b>	<b>Date</b>
Advertisement Date	October 6, 2023
Deadline for respondent's submission of questions to THEA	October 23, 2023, by 9:00 AM
Deadline for THEA to respond to respondent's questions	November 6, 2023, by 5:00 PM
Deadline for Submitting Expanded Letters of Response (ELOR)	November 17, 2023, by 9:00 AM
Evaluation Committee confirm ranking and discussion of ELOR packages of shortlisted firms	December 13, 2023, @ 1:15 PM
Board Approval of Shortlist Ranking	January 22, 2024, @ 1:30 PM
Oral Interviews with Shortlisted firms	February 1, 2024

Evaluation committee meets to confirm final scores and final ranking of firms	February 13, 2024, @ 9:00 AM
Board Approval of Final Ranking and Award of Contract	February 26, 2024, @ 1:30 PM
Scope Clarification Meeting & Negotiations	March 12, 2023 @ 1:15 PM

**LENGTH OF SERVICES:** Work under the agreement(s) will be assigned on an as-needed basis. This contract will be for three years with two (2) one-year THEA options to extend.

**AWARD OF CONTRACTS:** The award of the contracts by THEA's Board of Directors, if made, will be within one hundred and twenty (120) days after the opening of the ELOR Packages.