

Request for Qualifications
To Design, Construct and Integrate ITS Devices For
Houston Roadway Flood Warning System (HRFWS)
Through A Design-Build Agreement



City of Houston
Issued May 1, 2020



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A. GENERAL INFORMATION

1. PURPOSE

The Transportation & Drainage Operations Service Line of the City of Houston, Houston Public Works invites the submittal of Statement of Qualifications (SOQs) from design-build teams interested in pursuing a Design-Build Agreement (DBA) to provide professional services for the design, construction and integration of a Houston Roadway Flood Warning System (HRFWS). This includes all services necessary to provide a fully integrated and operable Intelligent Transportation System (ITS) to provide roadway flood detection, warning and event broadcasting capabilities for the City of Houston, Harris County and Texas Department of Transportation (TxDOT). This project includes all services necessary to assess and verify existing conditions, provide engineering design and plans, arrange and conduct meetings, develop and submit reports, provide construction administration, perform all construction activities, perform all integration activities, provide as-built drawings, testing, training and interfacing with Houston TranStar partner agencies, including the City, Harris County, TxDOT.

It is the City of Houston's intent to retain a highly qualified design-build team with extensive experience in the field of design, construction and integration of comparable ITS projects. The City of Houston considers a comparable project to be any ITS project of similar size, scope, value and complexity, whether or not such a project was delivered through a DBA or otherwise. Those teams who participate in this process will be referred to as "Respondents".

Respondents are requested to carefully review the contents of this document and submit a SOQ in accordance with the instructions provided herein. It is understood that the contracting agency is the City of Houston.

2. PROJECT DESCRIPTION

The HRFWS will provide a 2-stage roadway flood warning system, upgrade backup generators, back flow preventer and provide event notification capabilities for the City of Houston, Harris County and TxDOT. Improvements will be made at **40** locations throughout the City of Houston including TxDOT and Harris County facilities.

ITS devices that will be deployed at each location include:

- High water sensors;
- Communication stations;
- Advance roadside yellow flashers where appropriate;
- Approach overhead red flashers on signal mast arms over the travel lanes;
- Closed-Circuit Television (CCTV) cameras (to monitor and verify the underpasses);
- Dynamic Message Signs (DMS) in advance of driver decision points;
- Generator backup system where applicable;
- Backflow preventer where applicable.



This project will install traffic signal style mast arms to place flashers over travel lanes rather than on the side of the roadway. This project will have a 2-stage warning system, standard yellow for “Caution High Water” and red flasher for “Stop When Flashing – Road Flooded”. The red flasher indications will be placed on mast arms at decision points near intersections or ramps giving drivers the option to safely turn around or seek an alternative route. This project will install traffic signal controllers with standard cabinet, battery backup, and communications capability allowing the City of Houston to connect high water warning systems into existing traffic signal systems where applicable. When the system is activated it will automatically generate an alert to the on-duty signal dispatcher, send push notification to the on-duty signal maintenance supervisor, email the Houston Emergency Center and populate the Houston TranStar real-time travel map with a high-water icon. Finally, this project will enhance pump stations with backup emergency natural gas generators to ensure power is maintained when electrical power is lost. Prevent storm water back flow from the bayous onto the underpasses with the installation of back flow preventers at the outfalls.

3. PROJECT GOAL

The overall project goal of the HRFWS is to notify drivers of the hazardous high-water related conditions ahead on a roadway. None of the technologies being proposed are new, but rather utilized and combined to create a new and innovative way to warn drivers of high water. The City of Houston believes this system will help to prevent fatalities and potentially become the standard throughout the United States. Improvements will be made at **27** existing locations within the City of Houston, **4** within Harris County and **9** within TxDOT.

4. PROJECT BENEFITS

Once complete, the HRFWS will:

- Provide roadway users better visibility when approaching a high-water on roadway event;
- Transmit route conditions through DMS and mobile communications with online flood warning system access to data and alerts;
- Provide auxiliary power source should there be a loss of power at HRFWS locations;
- Improve monitoring capability for emergency and maintenance actions at flood prone underpasses;
- Prevent underpass flooding due to storm water back flow from bayous into the underpasses;
- Provide traveler with real-time information, dual stage warning of high water and alternative route information to the public, partner agencies, and media outlets for analysis, planning, and announcements.

5. GENERAL REQUIREMENTS

The Respondents will be required to have knowledge and expertise in the following areas:

- Coordination with TxDOT, Harris County, City of Houston, and FHWA;
- Design, construction, and integration of ITS, high water sensors, backup generators, and backflow preventers;
- Design / build process and federal requirements;
- T-MUTCD.



6. NATIONAL ENVIRONMENTAL POLICY ACT (NEPA)

The project is categorically excluded under NEPA.

7. PROJECT WEBPAGE

For all project related information and communications (TIGER 2017 narrative, RFQ, addendum, Questions and Answers, etc.) see the project webpage at:

<https://www.publicworks.houstontx.gov/flood-warning-system>

It is the responsibility of the Respondent to monitor the project webpage for ALL project related information and updates including any addenda. The Respondent is required to acknowledge, on the cover letter, that they have received and reviewed all materials posted on the webpage.



B. DESCRIPTION OF PROCUREMENT PROCESS

1. PROCUREMENT PROCESS

The City of Houston reserves the right, in its sole discretion, to modify the following procurement process to comply with applicable law and/or to address the best interests of the City of Houston, including canceling the procurement.

The City of Houston will evaluate the SOQ's it receives in response to this RFQ and intends to establish, according to criteria generally outlined herein, a short list of two or more (maximum of five) Respondents that are eligible to receive the Request For Proposal (RFP). The short listed respondents will be contacted and announced on the project webpage at the date listed in section B.2.

The City of Houston plans to issue an RFP to the short-listed Respondents. If the City of Houston moves forward with the procurement, the RFP will include methodology for determining the overall best value, not lowest bid, Respondent.

2. PROCUREMNT SCHEDULE

Issue RFQ	May 1, 2020
Deadline for questions regarding the RFQ	May 29, 2020
SOQ due date & time	June 19, 2020 - 1:00 PM (CST)
Short-listing announcement - on project webpage	June 26, 2020

This schedule is subject to modification at the sole discretion of the City of Houston. Respondents will be notified of any changes by an addendum to this RFQ. The City of Houston intends to issue the RFP shortly after selection of the short listed Respondents and to proceed with DBA award thereafter. The City of Houston anticipates awarding and executing a DBA for the project in mid- to late-2020.

3. PRE-SUBMITTAL MEETING / WORKSHOP

A pre-submittal meeting / workshop will not be held for this project.

4. QUESTIONS AND CLARIFICATIONS

All inquiries regarding the solicitation are to be directed to Stephen Wright, CPM, Senior Project Manager at:

swright@houstontranstar.org

5. ADDENDA

All addenda will be posted to the project webpage. Respondents are responsible for monitoring the project webpage for information concerning this procurement. Respondents shall acknowledge on the cover letter that they have received and reviewed all materials posted including addenda, if any.



6. COMMUNICATIONS

The following rules of contact shall apply during the procurement period for the project, which began on the date of issuance of this RFQ and will be completed with the SOQ submittal date. These rules are designed to promote a fair and unbiased procurement process. Contact may be allowed between the RFQ to RFP to DBA events. Contact includes face-to-face, telephone, facsimile, email or formal written communications.

Commencing with issuance of this RFQ and continuing until the submittal of the SOQ, aside from the City of Houston's formal response to written requests for clarification during the period officially designated for such purpose by the City Representative, neither Respondents nor persons acting on their behalf shall communicate or have contact with any appointed or elected official or employee of the City of Houston, their families, or staff in an attempt to persuade or influence the outcome of the award, or to obtain or deliver information intended to or which could reasonably result in an advantage to any Respondent. However, nothing in this paragraph shall prevent a Respondent from making public statements to the City Council convened for a regularly scheduled session after the official selection has been made and the award placed on the City Council agenda for action.

The Respondents shall not contact stakeholders regarding the project. The stakeholders include elected or appointed officials, employees, representatives and members of the entities listed below:

- City of Houston (except as provided herein);
- Harris County;
- TxDOT; and/or
- USDOT/FHWA.

Any communications determined to be improper, at the sole discretion of the City of Houston, may result in disqualification.

Any official information regarding the project will be disseminated from the City of Houston via the project webpage. The City of Houston will not be responsible for any oral exchange or other information exchange that occurs outside of the official processes specified herein.

7. Minority, Women, & Small Business Enterprises (MWSBE) Commitments

The City of Houston has determined that good faith efforts are required on this project, and a Bidder's MWSBE Participation Plan shall be submitted. The City of Houston is required to adhere to the requirements set out in 2 CFR 200.321 for MWSBE, and labor surplus area firms. In response to this RFQ, Respondents shall include and identify team members to satisfy this MWSBE commitment.

For this project only use MWSBEs certified with the Office of Business Opportunity (OBO) of the City of Houston. OBO maintains a MWSBE Directory containing the names of firms that have been certified to be eligible to participate as MWSBE's on this project. For purposes of the MWSBE commitment on this project, MWSBEs will only be allowed to perform work in the categories of work for which they are certified. Only MWSBE firms certified at the time of execution of the Design-Build Agreement, are eligible for MWSBE commitment participation.



8. LIABILITY AND INSURANCE

The design-build contractor will be required to assume liabilities, to provide bonds, and insurance coverage, and to indemnify and defend the City of Houston against third party claims as specified in the DBA. Special provisions concerning forms of security, bonding, guarantees, insurance and indemnity will be set forth in the RFP and DBA.

9. FEDERAL REQUIREMENTS

Respondents are advised that the RFQ is drafted based on the assumption that the project and the plan of finance for the project will remain eligible for federal funds. Therefore, the procurement documents and the DBA must conform to requirements of applicable federal law, regulations and policies. The City of Houston anticipates that certain federal procurement requirements will apply, including but not limited to, Equal Opportunity requirements (Title VI of the Civil Rights Act of 1964, as amended), requirements applicable to DBEs (Title 49 Code of Federal Regulations Part 26, as amended), Small Business requirements (United States Code Section 631 et seq.), Buy America requirements (49 Code of Federal Regulations part 661) and Davis-Bacon wage rates, and FHWA Form 1273. The City of Houston reserves the right to modify the procurement process described herein to address any concerns, conditions or requirements of federal agencies, including the Federal Highway Administration (FHWA). Respondents shall be notified in writing via and addendum of any such modifications.

10. PUBLIC INFORMATION ACT (DISCLOSURE WAIVER)

Each Respondent, by submitting an SOQ to the City of Houston in response to this RFQ, consents to the disclosures described in this RFQ and all other disclosures required by law and expressly waives the right to contest, impede, prevent or delay such disclosure, or to initiate any proceeding that may have the effect of impeding, preventing or delaying such disclosure, under Texas Government Code Chapter 552 (the "Public Information Act" or the "Act"), the Code, the Rules or any other law relating to the confidentiality or disclosure of information. Under no circumstance will the City of Houston be responsible or liable to a Respondent or any other party as a result of disclosing any such materials. Respondent hereby further agrees to assist the City of Houston in complying with these disclosure requirements.

11. PROTEST PROCEDURES

A protest shall be handled according to the City of Houston Procurement Manual.

A protest shall be submitted in writing and include the following:

- The name, address, e-mail, and telephone number of the protester;
- The signature of the protester or its representative who has the delegated authority to legally bind the person protesting;
- Identification of a solicitation description and the solicitation or RFQ number;
- A detailed written statement of the legal and factual grounds of the protest, including copies of relevant documents, etc.; and
- The desired relief or outcome.

12. CONFLICT OF INTEREST

Chapter 176 of the Texas Local Government Code requires vendors and consultants contracting or seeking to



contract with the City of Houston to file a conflict of interest questionnaire if they have an employment or other business relationship with the City of Houston – see Section C.2 Appendix B.

Respondents are required to adhere to 23 CFR 636.116 for conflict of interest requirements for this design-build project.

13. THE CITY OF HOUSTON RESERVED RIGHTS

The City of Houston reserves all rights described herein and available at law, including, without limitation, all rights described in Subchapter I in Chapter 9 of Title 43 of the Texas Administrative Code.

This RFQ does not commit the City of Houston to enter into a contract or proceed with the procurement described herein. The City of Houston assumes no obligations or liabilities, fiscal or otherwise, to reimburse all or part of the costs incurred, or alleged to have been incurred, by parties considering a response to and/or responding to this RFQ, or any subsequent RFP. All such costs shall be borne solely by each Respondent.

In no event shall the City of Houston be bound by, or liable for, any obligations with respect to the project until such time (if at all) as a DBA, in form and substance satisfactory to the City of Houston, has been executed and authorized by the City of Houston, and then only to the extent set forth therein.



C. SUBMISSION REQUIREMENTS, EVALUATION AND SCOPE

1. SUBMITTING PROPOSAL

The City is requesting that the Respondents to submit one (1) electronic copy in PDF format of their SOQ in the manner described below and may not submit more than one response to this RFQ as prime. Any firm submitting an SOQ that does not conform to all the requirements of this RFQ will be subject to disqualification. This RFQ is designed to provide interested Respondents with sufficient basic information to submit a SOQ, but is not intended to limit a proposal's content or exclude any relevant or essential data.

The electronic copy of the SOQ shall be sent to:

Stephen Wright at: swright@houstontranstar.org
AND Patrick Nguyen at: patrick.nguyen@houstontx.gov

SOQ can also be delivered in an electronic file format contained in a flash drive to the following address:

City of Houston
Intelligent Transportation System (ITS)
6922 Katy Road
Houston TX, 77024

SOQ's will be accepted only at the above email addresses or physical address. In the event where the SOQ cannot be sent to the above emails or delivered to the above physical address, please contact Stephen Wright at (713) 881-3079 or (713) 205-4049. SOQ must be received by the City of Houston during normal business hours **at or before 1:00 PM (CST)** on the SOQ due date specified in section B.2. SOQs received after such time on the due date shall be rejected and will not be considered by the City of Houston for short listing. A receipt will be provided, via email or paper copy, by City of Houston staff acknowledging the time of SOQ submittal.

Respondents are solely responsible for assuring that the City of Houston receives their SOQ by the specified delivery date and time at the address listed above. The City of Houston shall not be responsible for delays in delivery caused by network errors / outages, carrier service errors or delays, email problems or delays, weather, difficulties experienced by email system, couriers or delivery services, misrouting of packages by courier or delivery service, improper, incorrect or incomplete addressing of deliveries and other occurrences beyond the control of the City of Houston. It is highly recommended that the Respondents submit early in the day and if no receipt is received shortly after then call.

2. SOQ CONTENT

The SOQ package shall, at a minimum, include the information described in section A through F below (in that order), which must stay within the following parameters:

- Not exceed twelve (12) single-sided 8½x11 pages
- Font: 11pt Arial typed
- Line spacing: 1.5



- Minimum page margin (all sides): 0.5"

The contents of the SOQ shall follow the order listed below:

a. Cover Letter

The cover letter should include:

- A brief summary of the key aspects of the Respondent's team qualifications and approach to achieving the project scope;
- Acknowledgement that the Respondent received and reviewed all materials posted on the project webpage.

b. Project Understanding and Approach

The Respondents should describe:

- Their understanding of the City's existing Flood Warning System and ITS infrastructure / architecture;
- Their understanding and familiarity with the City of Houston TIGER 2017 application – this project shall adhere to all aspects of this document and shall not deviate from its intent without written approval;
- Their understanding of the City's existing fiber optic, WiMAX, and other wireless communications coverage and capabilities;
- How the proposed systems components will be integrated into the existing systems including partnered agencies (TxDOT and Harris County);
- Their proposed implementation process (e.g., design requirements, phasing of device installation, test sequence, verification and acceptance, etc.).

c. Project Organization and Management

A project organization and management discussion should be provided. This shall include an organizational chart with indication of the key personnel to be involved and their respective role. The Respondents should also describe functions and responsibilities of all firms/contractors and staff involved (including MWSBE firms). All individuals should be clearly delineated (project manager, construction manager, integration manager, lead designer, etc.), by names and titles and their key subject areas and tasks for this effort. Identify which functions the prime consultant will perform, which functions will be shared with a partner and which functions a sub-consultant / sub-contractor will perform (including MWSBE firms). Indicate the percentage share of the contract work to be performed by each member of the Respondent's team (i.e., approximate percentage of work proposed for the prime and for each sub consultant – totaling 100%). After selection, no substitutions of key personnel may be made without prior approval by the City of Houston.

d. Qualifications

Respondents must understand they are expected to provide qualified personnel to accomplish each portion of the work. Project personnel should include qualified individuals with backgrounds in types of projects comparable to this project. The City of Houston considers a comparable project to be any ITS project of similar size, scope, value and complexity, whether or not such a project was delivered through a DBA or otherwise. The key personnel that should be identified are:

- Principal with authority to commit the resources of the Respondent's firm to the project;



- The individual proposed as the project manager must have experience in managing comparable ITS projects. The project manager must have demonstrated experience with oversight of sub consultant work;
- The individual proposed as the construction manager/lead must have experience in managing the construction of comparable ITS projects;
- The individual proposed as the integration manager/lead must have experience in the integration of comparable ITS projects;
- The lead design engineer must be a professional engineer licensed in Texas who can sign and seal all documents (can be the same as other key personnel assigned to project). The professional engineer must have experience in the design of comparable ITS projects.

At a minimum, a summary table listing prior comparable ITS projects should be provided. The table should include a brief description of each project, role of the Respondents (e.g., prime or sub), ITS components deployed (and quantity), role of key personnel, size/cost, and contact information of client references.

Submit detailed resumes in an Appendix A (maximum one (1) page each, not included in the overall 12 page limit) for key personnel proposed for this project that include project specific qualifications. Similar qualifications description and resumes should be included for key staff of the proposed sub consultants/contractors.

e. Other Benefits

Describe benefits that the City of Houston will realize in selecting your team for this project. Benefits may include any unique or specialized processes or organization, staff qualifications, capabilities, best practices, or other factors that distinguish your team from other Respondents.

f. Minority Women & Small Business Enterprises (MWSBE) Commitment

Provide a summary of MWSBE achievements in past projects and a detailed description of how your team has taken all necessary affirmative steps to assure that MWSBE and labor surplus area firms will be used when possible. The City of Houston is required to adhere to the requirements set out in 2 CFR 200.321 for contracting with MWSBE and labor surplus area firms.

The remainder of the SOQ shall include the following as an Appendix (not included in the 12 page limit):

Appendix A:

- Resumes

Appendix B:

- A transmittal letter of interest notifying the City of Houston of the Respondents intent to be considered for these professional services.
- A one-page letter from each sub-consulting firm proposed in the SOQ indicating that firm's desire to be included and indicating the scope of services that the sub-consultant will perform if the submitting firm is selected. A firm cannot be a sub-consultant for more than 10 prime consultants submitting for any RFQ.



- A copy of the submitting firm’s response to questionnaire pertaining to “Conflict of Interest”. Local Government Code Chapter 176 requires firms seeking to do business with the City of Houston (“City”) to file a Conflict of Interest Questionnaire with the City Secretary, only if there is a business relationship noted. The current Conflict of Interest Questionnaire is available for downloading on the website of the Texas Ethics Commission: <http://www.ethics.state.tx.us/forms/CIQ.pdf>. If no one in the company has a business relationship with the City (as defined in Section 176.001 (1-a) in the Local Government Code), write “N/A” in Section 1 and leave the remainder of the form blank.
- A copy of the submitting firm’s current on-file Department of Public Works and Engineering’s Standard Form for Engineering and Related Services (“PWE100”). Firms are still responsible for the formal submission of updated PWE100s according to the instructions at the following location: <http://edocs.publicworks.houstontx.gov/engineering-and-construction/pwe-100-form/353-form-pwe-100-1.html>

3. PROPOSAL EVALUATION CRITERIA

Evaluation Criteria	Weight (%)	Maximum Points
Project Understanding and Approach	25	100
Demonstrate familiarity with City of Houston’s TIGER 2017 grant application		10
Describe an understanding of existing City of Houston Flood Warning System and ITS infrastructure and architecture		10
Describe an understanding of City’s communication coverage and capabilities		10
Describe strategy for system integration with City of Houston and partnered agencies		30
Describe proposed implementation process (e.g., design requirements, phasing of device installation, test sequence, verification and acceptance, etc.).		40
Project Organization and Management	20	100
Provide organizational chart identifying team structure, teaming arrangement and respective roles		30
Describe roles and responsibilities of key personnel and their subject areas and tasks for this effort		30
Identify which function will be performed by prime, sub-consultant/ sub-contractor		20
Provide percentage participation/share by team members		20



Qualifications	40	100
Specific capabilities of the prime firm and sub consultant(s)/ contractor(s)		20
Strength and depth of experience of the Project Manager and other key personnel (including resumes)		20
Demonstrated experience completing comparable ITS projects or tasks as identified on this project		25
The Respondents likelihood of success based on the teams experience in completing comparable projects		25
Table of referenced experience of projects of comparable of size, value, complexity and scope		10
Other Benefits	10	100
Innovative and/or unique approaches to find cost saving/effective solutions on comparable projects (proposed for this project or used on previous projects)		50
Value-added factors that distinguish the Respondent from other Respondents		50
Minority, Women, & Small Business Enterprise (MWSBE) Commitment	5	100
Provide a summary of MWSBE achievements in past projects and how the team has taken all necessary affirmative steps to assure that MWSBE and labor surplus area firms are used when possible. The City of Houston is required to adhere to the requirements set out in 2 CFR 200.321 for contracting with MWSBE and labor surplus area firms.		100

The City of Houston reserves the right to request that a Respondent clarifies its response, and the right to waive any formalities in considering responses. However, failure to furnish all information requested may disqualify a respondent. The City of Houston reserves the right to interview all or selected Respondents if the evaluation committee deems an interview process necessary or helpful to enhance the City’s understanding of the SOQ. In the case of an interview, the Respondent will have a 30-minute interview window that will include a 10-minute introduction of the team and key points of the proposal and another 20-minute to answer questions from the City of Houston evaluation committee. No more than 4 members of the Respondent’s team shall be present during any interview.

A committee appointed by the Director of Houston Public Works will evaluate/review each SOQ and will give a numerical score for each SOQ according to the evaluation categories. The scores for each SOQ will be averaged to determine the overall ranking order of the Respondents. Each area of the evaluation criteria must be addressed in detail in the SOQ.



4. ANTICIPATED PROJECT SCOPE OF SERVICES

The preliminary anticipated scope of services includes the following elements:

- Conduct and report on performance measures (before, during, and after);
 - Pre-project report
 - Interim reports (monthly)
 - After-project report
- Coordinate with the City of Houston, TxDOT and Harris County for the preliminary list of 40 locations for this project. Visit each location to assess the existing high water warning system, high water detection system, backup generator conditions, and back flow preventer conditions. Pavement condition, presence of curbs and drainage inlets, presences of bridges, and presence of existing infrastructure to leverage for installations, and any other relevant information shall be gathered to determine system design, installation and integration;
- Utilize conceptual designs to locate the approximate location of each detection system, controller, DMS, signing, communications, and CCTV camera. Review these locations to ensure the ITS devices are conceptually placed in the best location to achieve project goals;
- Coordinate with utility companies to establish power connection for each ITS device not located at a traffic signal. Obtain necessary permits, approvals and signatures required;
- Provide graphical support for updating ITS device locations;
- Conduct interagency coordination to obtain all necessary specifications, permits and approvals;
- Prepare construction documents necessary to price, permit, and construct. Construction documents shall include all disciplines necessary for pricing, permitting, and constructing the project. The drawings and specifications will be reviewed by the City of Houston, Harris County (for locations along Harris County maintained roadways) and TxDOT (for locations along TxDOT maintained roadways). Submitting percentages (e.g., 30%, 60%, 90% and final) are to be determined;
- Prepare an initial construction cost estimate for City of Houston approval. The estimate will be updated throughout the design and revisions to the scope of work recommended if the cost estimate indicates the construction cost will exceed the designated budget;
- Provide technical specifications for all ITS devices deployed, if not existing, and modifications to existing specifications as needed. These specifications shall utilize existing City of Houston format unless otherwise mutually agreed upon;
- Maintain an adequate quality control function for this project;
- Project scheduling (including, but not limited to, baseline, milestones, deliverables, dependencies, etc.);
- Schedule and conduct the pre-construction and all project/construction meetings;
- Solicit, review, approve or take other appropriate action on shop drawings, samples, and other submissions required by construction documents. Review laboratory, shop and mill tests of materials and equipment for conformance with the construction documents;
- Gain access to, utilize, and update as needed the City of Houston Capital Improvement Project Management System (CIPMS) system for project records;
- Prepare supporting data and provide other services, including revisions to the documents, in connection with work change directives and change orders;
- Provide design clarification and recommendations to resolve field problems, with City of Houston (and/or



- Harris County and/or TxDOT) concurrence;
- Provide reproducible record drawings following completion of the project;
 - The selected team will be responsible for all integration of all ITS devices with Houston TranStar's information systems, existing City of Houston's communication systems, existing City of Houston ATMS System, and other existing City of Houston central software system(s);
 - Provide system testing and results;
 - Respond or provide responses to citizen concerns;
 - Provide system training;
 - The selected team shall become familiar with FHWA's TIGER VI reporting requirements for capital projects. The selected team must provide the following reports, at a minimum, to the City of Houston for submittal to FHWA:
 - Monthly Report
 - Quarterly Report
 - Annual Report