
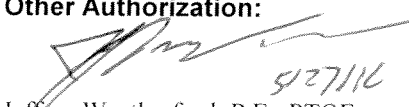


TO: Mayor via City Secretary

REQUEST FOR COUNCIL ACTION

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| SUBJECT: Advance Funding Agreement between the City of Houston and the Federal Highway Administration (FHWA) for the design-build of Intelligent Transportation Systems (ITS) along multiple corridors within the City of Houston. | | Category # | Page 1 of <u>1</u> | Agenda Item # |
| FROM (Traffic Operations): Department of Public Works and Engineering | | Origination Date | | Agenda Date |
| DIRECTOR'S SIGNATURE:  Dale A. Rudick, P.E., Director | | Council District affected: All | | |
| For additional information contact: Khang Nguyen, P.E., PTOE Phone: (832) 395-3008 Traffic Operations Division <i>KMN</i> | | Date and identification of prior authorizing Council action: | | |
| RECOMMENDATION: (Summary) Adopt an Ordinance approving and authorizing an Advance Funding Agreement between the City of Houston and FHWA. | | | | |
| Amount and Source of Funding: None | | | | |
| PROJECT NOTICE/JUSTIFICATION: <p>The City of Houston was awarded a Transportation Investment Generating Economic Recovery (TIGER 2014) Grant to deploy Intelligent Transportation Systems (ITS) within the City of Houston. TIGER is a supplementary discretionary grant program included in the American Recovery and Reinvestment Act of 2009 administered by the FHWA.</p> <p>The City of Houston was awarded \$10 million to deploy ITS infrastructure to monitor and manage arterial traffic in real-time. The system will:</p> <ul style="list-style-type: none">• Allow traffic management staff to detect and respond to congestion and incidents in real-time;• Provide real-time traveler information to the public and partner agencies for analysis and planning;• Reduce travel delay and emissions.• Improve capacity, accessibility, and travel time reliability;• Enable traffic management staff to optimize signal operations by customizing timing plans for varying traffic demands;• Allow maintenance staff to identify, assess, and respond quicker to equipment failures. <p>The total project cost is \$25,782,774. Approval of this funding agreement will allow the City to be reimbursed \$10,000,000 of the project cost. Reimbursement will be through monthly billing as construction costs are incurred. The City will be responsible for the remaining project costs of \$15,782,774 which are programmed in the CIP.</p> <p>This ordinance will allow the City to enter into an agreement with the Federal Highway Administration to accept the \$10,000,000 in funding. A design-build best value contract is being selected through an RFQ/RFP process. Once the selection of a provider is made, a contract will be brought forward to Council for approval.</p> <p>xc: Marta Crinejo, Agenda Director Jeffrey Weatherford, P.E., PTOE</p> | | | | |
| LTS # 13261 | | REQUIRED AUTHORIZATION | | CUIC ID # 20JSW108 |
| Finance Director: | Other Authorization: | Other Authorization:  5/27/16 Jeffrey Weatherford, P.E., PTOE Deputy Director Traffic Operations Division | | |