

**AMENDMENT TO THE  
AGREEMENT BETWEEN THE CITY OF SAN ANTONIO AND  
KIMLEY-HORN AND ASSOCIATES, INC.,  
FOR AN  
ADVANCED TRAFFIC MANAGEMENT SYSTEM (ATMS)  
REPLACEMENT**

STATE OF TEXAS           §  
                                     §  
COUNTY OF BEXAR       §

This AMENDMENT TO THE AGREEMENT BETWEEN THE CITY OF SAN ANTONIO AND KIMLEY-HORN AND ASSOCIATES, INC., FOR AN ADVANCED TRAFFIC MANAGEMENT SYSTEM (ATMS) REPLACEMENT ("Amendment ") is entered into by and between the City of San Antonio, a Texas Municipal Corporation ("City") and Kimley-Horn and Associates, Inc., ("Kimley-Horn"), both of which may be referred to herein collectively as the "Parties."

On October 30, 2014, the San Antonio City Council passed and approved Ordinance No. 2014-10-30-0822 ("Ordinance"), authorizing "AUTHORIZING A CONTRACT WITH KIMLEY-HORN AND ASSOCIATES, INC. FOR THE PURCHASE, CONFIGURATION, IMPLEMENTATION, TRAINING AND ONGOING SUPPORT FOR SOFTWARE TO REPLACE THE CURRENT ADVANCED TRAFFIC MANAGEMENT SYSTEM USED TO MANAGE THE CITY'S TRAFFIC SIGNAL SYSTEM INFRASTRUCTURE FOR A TOTAL COST NOT TO EXCEED \$1,244,000.00, FUNDED WITH PREVIOUSLY APPROPRIATED FUNDS IN MARCH 2008 FOR THE TRAFFIC SIGNAL SYSTEM MODERNIZATION PROGRAM" allowing the City to contract with Kimley-Horn to provide for a comprehensive communications network, an upgraded ATMS, and the development of optimized traffic signal timings.

Subsequent to the passing of the Ordinance, it has become necessary to amend the contract authorized by the ordinance to add additional functionality as detailed in an exhibit to this Amendment, as follows:

1. Kimley-Horn shall provide the engineering, strategies, software/hardware, and professional services as described in its Statement of Work, attached hereto and incorporated by reference as "**Exhibit I**" for all purposes. Payment shall be made in the amounts described in "**Exhibit I**" as a lump sum upon completion.
2. All Other provisions of the Agreement remain in full force and effect.

EXECUTED and AGREED to as of the dates indicated below.

CITY OF SAN ANTONIO

KIMLEY-HORN AND ASSOCIATES, INC.

\_\_\_\_\_  
Mike Frisbee  
Director, Transportation & Capital  
Improvements

Date: \_\_\_\_\_

Approved as to Form:

\_\_\_\_\_  
Assistant City Attorney

  
Print Name: Michael J. Hermann  
Title: Senior Vice President

Date: 15 May 2017



April 26, 2017

Mr. Marc Jacobson, P.E., PTOE  
Traffic Management Center Manager  
Transportation & Capital Improvements  
P.O. Box 839966  
San Antonio, TX 78283-3966

**SUBJECT: Contract Change Order Letter – RFCSP 6100004287**  
**City Requested Services for ATMS Upgrades and Associated Technologies**

Dear Mr. Jacobson:

The City of San Antonio, through partnership with the Office of Innovation and SmartSA program, is underway with the SATRIP project to improve transportation mobility and safety. Kimley-Horn is pleased to submit this change order letter to address additional services requested by the Transportation and Capital Improvements department in support of the SATRIP project. It is understood that the tasks within this proposed scope will be delivered via change order to existing project RFCSP 6100004287 ADVANCED TRAFFIC MANAGEMENT SYSTEM (ATMS) REPLACEMENT between the City of San Antonio and Kimley-Horn. Additional services available to the City but not included in this scope are listed separately.

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#### **Task 1: Data Portal**

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The San Antonio Real-time Information Portal (SATRIP) will make real-time data available to Third Parties through an open data portal. This task will develop a connection between the KITS ATMS and SATRIP to provide real-time traffic data. This data will be updated once per minute and made available to outside partners (e.g. WAZE, Connected Vehicles) and will include: signals in flash, intersection communication status, detection volume, occupancy and health.

Kimley-Horn will provide the following services:

- Preliminary Engineering and Software Development
- Testing
- System Deployment

This task will be payable on a lump sum basis. Fee: \$170,000.

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#### **Task 2: High Water Detection Data**

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The Bexar Flood website application shows road conditions of over 150 monitored low water crossings across Bexar County. This task will integrate high water road closure data into the ATMS and display this information within the KITS main map and in an integrated browser-based tab.

Kimley-Horn will provide the following services:

- Preliminary Engineering

- Integration and Training

This task will be payable on a lump sum basis. Fee: \$55,000.

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### **Task 3: Solution Development**

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This task will take a holistic view to expedite the successful delivery of the SmartSA program, focusing on preliminary engineering, solution development, and required integration included in the SATRIP project. The effort in this task will provide a foundation for tasks included in this scope and those that will be required in future phases, which may include travel time reliability evaluation, data integrity support, and computer aided dispatch system (CAD) integrations.

Kimley-Horn will provide the following services:

- Preliminary Engineering
- Strategy and Solution Development

This task will be payable on a lump sum basis. Fee: \$40,000.

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### **Task 4: Program Management and Coordination**

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Kimley-Horn's Project Manager will act as the principal contact for the City and other stakeholder agencies. Kimley-Horn's Project Manager will be responsible for the completion of activities associated with the performance of this project. Additional responsibilities include management of project planning activities and tracking of resources associated with each aspect of the project. The Project Management task will be invoiced monthly. Kimley-Horn's Project Manager will oversee and participate in the activities of the project.

#### **Prepare Project Status Reports**

Kimley-Horn will prepare and submit written monthly project status reports. The reports will include the following information:

- Period covered by the report.
- Overview of the reporting period.
- Tasks, subtasks, deliverables, goods, services and other work scheduled for the reporting period which were completed.
- Action Items
- Tasks anticipated during the subsequent month

Kimley-Horn will also prepare claims, invoices, billings, and other financial information for review and approval by the County, as required by this agreement.

Kimley-Horn will provide the following deliverables:

- Status Reports
- Monthly Invoices

This task will be payable on a lump sum basis. Fee: \$35,000.

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## Task 5: Expenses

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This task will be used for direct project expenses including travel for on-site meetings and system integration.

Fee: \$11,000.

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## Additional Tasks

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Several optional tasks are recommended to the City. Tasks not included in this scope include but are not limited to the following:

- Integration with CAD Systems
- Integration with TxDOT LoneStar Software
- Data integrity support
- Network troubleshooting
- Google travel time API integration
- Additional coordination with stakeholders including: SATRIP Third-Parties, Fire and Police and TxDOT
- Firmware upgrade for the ATMS

Very truly yours,

**Kimley-Horn**

  
Jason Castillo

Senior Vice President

APPROVED BY:

  
PROJECT DIRECTOR, KIMLEY-HORN

  
DATE

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PROJECT DIRECTOR, CITY OF SAN ANTONIO

DATE