

AN ORDINANCE 2017-06-29-0512

AUTHORIZING AN AMENDMENT TO THE ADVANCED TRAFFIC MANAGEMENT SYSTEM REPLACEMENT CONTRACT WITH KIMLEY-HORN AND ASSOCIATES, INC. TO AUTHORIZE ADDITIONAL SERVICES IN AN AMOUNT NOT TO EXCEED \$311,000.00, FUNDED FROM THE FY 2017-2022 CAPITAL IMPROVEMENT PROGRAM BUDGET.

* * * * *

WHEREAS, in 2014 the City of San Antonio entered into a contract, approved by Ordinance No. 2014-10-30-0822, 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 (ATMS) used to manage the City's traffic signal system infrastructure; and

WHEREAS, the San Antonio Traveler Real-time Information Portal (*SATrip*) Project aligns with the City's goal of recommended Smart Cities projects that address the priority area of transportation; and

WHEREAS, two parts of the *SATrip* Project include integrating the existing High Water Detection System at six locations within the city to provide travelers near a flooded site with real time information and providing data to 3rd party application providers to provide real-time notifications directly to travelers to allow them to make better travel decisions; and

WHEREAS, in order to achieve the goals of these parts, it is necessary to make modifications to the existing ATMS to provide the additional capabilities; **NOW THEREFORE:**

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF SAN ANTONIO:

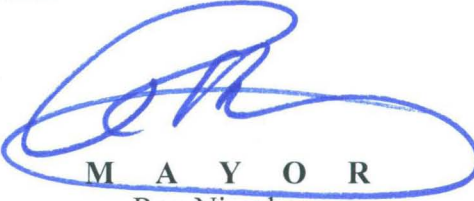
SECTION 1. The City Manager, the Deputy Chief Financial Officer, and their designees, are hereby authorized to execute an amendment to the contract with Kimley-Horn & Associates, Inc. allowing for the integration of the high water detection system into the current ATMS, the development and deployment of a data portal to allow real-time traffic data to be shared, and increasing the contract value by an amount not to exceed \$311,000.00. A copy of the amendment is attached hereto and incorporated herein for all purposes as **Exhibit I**.

SECTION 2. Payment in the amount not to exceed \$311,000.00 in SAP Fund 43099000, Certificates of Obligation Capital Projects, SAP Project Definition 11-00001, Smart Cities Projects, is authorized to be encumbered and made payable to Kimley-Horn and Associates, Inc. to provide additional services related to the *SATrip* Project which is a part of the City's current Smart City project initiatives.

SECTION 3. The financial allocations in this Ordinance are subject to approval by the Director of Finance, City of San Antonio. The Director of Finance may, subject to concurrence by the City Manager or the City Manager's designee, correct allocations to specific SAP Fund Numbers, SAP Project Definitions, SAP WBS Elements, SAP Internal Orders, SAP Fund Centers, SAP Cost Centers, SAP Functional Areas, SAP Funds Reservation Document Numbers, and SAP GL Accounts as necessary to carry out the purpose of this Ordinance.

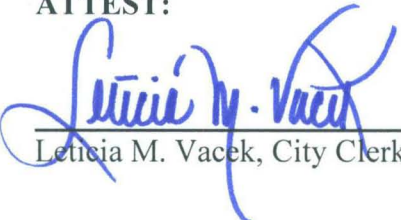
SECTION 4. This ordinance is effective immediately upon passage by eight affirmative votes; otherwise it is effective on the tenth day after passage.

PASSED AND APPROVED this 29th day of June, 2017.



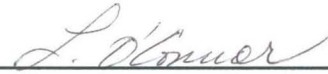
M A Y O R
Ron Nirenberg

ATTEST:



Leticia M. Vacek, City Clerk

APPROVED AS TO FORM:



for _____
Andrew Segovia, City Attorney

Agenda Item:	4 (in consent vote: 4, 5, 6, 7, 8, 10)						
Date:	06/29/2017						
Time:	09:16:57 AM						
Vote Type:	Motion to Approve						
Description:	An Ordinance authorizing an amendment to the Advanced Traffic Management System Replacement contract with Kimley-Horn and Associates, Inc. to authorize additional services in an amount not to exceed \$311,000.00, funded from the FY 2017-2022 Capital Improvement Program Budget. [Ben Gorzell, Chief Financial Officer; Troy Elliott, Deputy Chief Financial Officer, Finance]						
Result:	Passed						
Voter	Group	Not Present	Yea	Nay	Abstain	Motion	Second
Ron Nirenberg	Mayor		x				
Roberto C. Treviño	District 1		x			x	
William Cruz Shaw	District 2		x				x
Rebecca Viagran	District 3		x				
Rey Saldaña	District 4		x				
Shirley Gonzales	District 5		x				
Greg Brockhouse	District 6		x				
Ana E. Sandoval	District 7		x				
Manny Pelaez	District 8		x				
John Courage	District 9		x				
Clayton H. Perry	District 10		x				

**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

Kimley»Horn

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.

Task 1: Data Portal

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.

Task 2: High Water Detection Data

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.

Task 3: Solution Development

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.

Task 4: Program Management and Coordination

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.

Task 5: Expenses

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

Fee: \$11,000.

Additional Tasks

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,

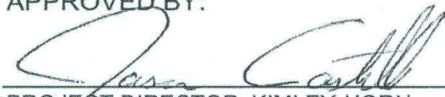
Kimley-Horn



Jason Castillo

Senior Vice President

APPROVED BY:



PROJECT DIRECTOR, KIMLEY-HORN

5/15/17
DATE

PROJECT DIRECTOR, CITY OF SAN ANTONIO

DATE