



CENTRAL TEXAS REGIONAL
MOBILITY AUTHORITY

September 6, 2017
AGENDA ITEM #11

Approve Supplement No. 1 to Work
Authorization No. 10 with Kapsch TrafficCom
for System Integration Services on the
MoPac Improvement Project

Strategic Plan Relevance:	Regional Mobility
Department:	Operations
Contact:	Tracie Brown, Toll Operations Manager
Associated Costs:	Amount not to exceed \$769,558.18
Funding Source:	Reimbursed with Project Funds
Action Requested:	Consider and act on draft resolution

Summary:

This work authorization supplement compensates Kapsch TrafficCom for the addition of an Advanced Control System for two access ramps located in Segment 4 of the MoPac Improvement Project. The purpose of the Advanced Control System is to monitor and control access to the northbound and southbound Cesar Chavez access ramps in the event of a fire or water event. The Advanced Control System consists of several control and monitoring devices such as lane control signals, alphanumeric LED display panels that will read "CLOSED" when an under crossing is inaccessible, dedicated video cameras and water level sensors.

In addition, this supplement compensates Kapsch TrafficCom for services related to additional work associated with the phased opening approach on the MoPac Improvement Project. The Toll System Integrator's work to install and commission the Express Lane toll collection system was projected to be complete in September 2015.

Backup Provided:	Draft Resolution Supplemental Work Authorization No. 1
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**GENERAL MEETING OF THE BOARD OF DIRECTORS
OF THE
CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY**

RESOLUTION NO. 17-0XX

**APPROVE SUPPLEMENT NO. 1 TO WORK AUTHORIZATION NO. 10 WITH
KAPSCH TRAFFIC COM FOR SYSTEM INTEGRATION SERVICES ON THE
MOPAC IMPROVEMENT PROJECT**

WHEREAS, by Resolution No. 14-003, dated January 29, 2014, the Board of Directors approved Work Authorization No. 10 with Kapsch TrafficCom for the design, development, testing, and integration of a dynamic tolling system for the MoPac Improvement Project; and

WHEREAS, the Executive Director has determined that an Advanced Control System to provide fire suppression and flood detection monitoring, and to control access to the northbound and southbound Cesar Chavez access ramps in the event of a fire or water event would be beneficial to the MoPac Improvement Project; and

WHEREAS, the Executive Director has determined that Kapsch TrafficCom is due additional compensation for work associated with the phased opening approach on the MoPac Improvement Project; and

WHEREAS, the Executive Director and Kapsch TrafficCom have negotiated draft Supplement No. 1 to Work Authorization No. 10 in an amount not to exceed \$769,558.18 to provide the Advanced Control System and additional compensation; and

WHEREAS, the Executive Director recommends that the Board authorize him to finalize and execute Supplement No. 1 to Work Authorization No. 10 in the form or substantially the same form as attached hereto as Exhibit A.

NOW THEREFORE, BE IT RESOLVED that the Board of Directors authorizes and directs the Executive Director to finalize and execute Supplement No. 1 to Work Authorization No. 10 in an amount not to exceed \$769,558.18 and in the form or substantially the same form as attached hereto as Exhibit A.

Adopted by the Board of Directors of the Central Texas Regional Mobility Authority on the 6th day of September 2017.

Submitted and reviewed by:

Approved:

Geoffrey Petrov, General Counsel

Ray A. Wilkerson
Chairman, Board of Directors

Exhibit A

CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY

**SUPPLEMENTAL WORK AUTHORIZATION NO. 1
TO WORK AUTHORIZATION NO. 10**

**TOLL COLLECTION AND INTELLIGENT TRANSPORTATION
SYSTEMS IMPLEMENTATION
MoPac Improvement Project**

THIS SUPPLEMENTAL WORK AUTHORIZATION is made pursuant to the terms and conditions of Article 1 of the GENERAL PROVISIONS, Attachment A to the original Contract for Toll System Implementation, dated April 27, 2005 (the Contract) entered into by and between the Central Texas Regional Mobility Authority (the “Mobility Authority”), and Kapsch TrafficCOM, formerly known as Schneider Electric (the Contractor).

The following terms and conditions of Work Authorization No. 10 are hereby amended as follows:

Supplemental Work Authorization No. 1 is not to exceed \$769,558.18. The components of the work are as follows:

- To support the CTRMA’s request for fire suppression and flood detection monitoring, Kapsch proposes an Advanced Control System to monitor and control access to the northbound and southbound Cesar Chavez access ramps. The Advanced Control System features a Lane Control Signal that will indicate whether the under crossings are OPEN (↑) or CLOSED (X); an alpha-numeric display that reads “CLOSED” when the under crossings are inaccessible; dedicated video cameras to allow operators to monitor for incidents in real time; and sensors to monitor water levels in the under crossings. The Advanced Control System will also have software that allows operators to monitor remotely and initiate planned responses. The total amount for this work is \$251,327.14.
- Additionally, proposed to the CTRMA under this supplemental is extended contract management, coordination with contractor and staff; subcontractor management; Express Lane operations staff; operating monitoring and support; as well as equipment storage and insurance resulting from the interim opening in October 2016 of the northbound section of MoPac Express Lanes from 2222 to Parmer Lane. The total amount for this work is not to exceed \$518,231.04.

This Supplemental Work Authorization shall become effective on the date of final execution of the parties hereto. All other terms and conditions of Work Authorization No. 10 hereby amended are to remain in full force and effect.

IN WITNESS WHEREOF, this Work Authorization No. 10 is executed in duplicate counterparts and hereby accepted and acknowledged below.

THE CONTRACTOR:

Signature _____ Date _____

Typed/Printed Name and Title _____

CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY

Executed for and approved by the Central Texas Regional Mobility Authority for the purpose and effect of activating and/or carrying out the orders, established policies or work programs heretofore approved and authorized by the Texas Transportation Commission.

Signature _____ Date _____

Typed/Printed Name and Title _____