



CENTRAL TEXAS REGIONAL
MOBILITY AUTHORITY

July 24, 2019
AGENDA ITEM #8

Approve Amendment No. 4 to the Maintenance Services Agreement with Kapsch TrafficCom USA, Inc. to provide maintenance support for the SH 45SW toll project

Strategic Plan Relevance: Regional Mobility
Department: Operations
Contact: Tracie Brown, Director of Operations
Associated Costs: Up to \$99,744.72
Funding Source: General Fund
Action Requested: Consider and act on draft resolution

Summary:

Background - In 2007, the CTRMA entered into a contract for maintenance services for Toll Collection System maintenance with Kapsch TrafficCom USA (formerly Caseta Technologies, Inc.). The scope of services was based on an anticipated implementation schedule for the various segments of the System through the initial term of the contract. The contract has been subsequently amended to add additional toll facilities as they've come online.

Current Action - This proposed amendment to the contract with Kapsch TrafficCom USA provides for temporary maintenance services for the roadside lane equipment, toll host system, intelligent transportation systems (ITS), wrong way detection and communication infrastructure installed by Kapsch TrafficCom USA for the Authority's new SH 45 SW Toll project.

Under this amendment, Kapsch TrafficCom USA will provide monitoring, maintenance, repair and support of all toll systems, ITS and traffic management system including traffic control devices, CCTV cameras, dynamic message signs, host systems and subsystems supporting image review. This support will begin once the toll project passes its 30-day operational testing phase and conclude once a more comprehensive contract amendment for has been finalized or 60 days, whichever is greater.

Pricing for maintenance activities is based upon a base lane cost as well as compensation for the positions required to sustain CTRMA's toll system and ITS infrastructure. The monthly pricing for this temporary support is reflected in the table below.

SH 45 SW O&M Support						
Item #	Description	Unit	2019 CPI Adjusted Rate	Unit Price	SH 45 SW Maintenance	
				Per Month	Qty.	Per Month
110	Base Monthly Fee			\$745.34	4	\$ 2,981.35
111	Software Engineer	160	\$157.59		0.5	\$ 12,606.92
112	System Admin	160	\$172.52		0.25	\$ 6,900.95
113	Business Analyst	160	\$157.59		1	\$ 25,213.83
114	Technician	173	\$120.90		0	\$ 0.00
116	Technician ODCs	1		\$2,169.31	1	\$ 2,169.31
TOTAL – Per Month						\$ 49,872.36

The more comprehensive Amendment #5 will adjust pricing and staffing for 183A, 290, 71 and the MoPac Express Lane as well as the upcoming 183S and 290 Phase III Toll projects. In addition, the amendment will establish performance measures and associated penalties for non-performance. Staff anticipates submitting this amendment for board approval at the September 2019 meeting.

Previous Actions - The Authority's Board of Directors has previously approved three amendments to the base maintenance contract:

- *Amendment No. 1:* Executed April 2011; added maintenance services and pricing for Manor Expressway (290 Toll).
- *Amendment No. 2:* Executed May 2011; expanded provision of maintenance services to other regional mobility authorities.
- *Amendment No. 3:* Executed May 2016; added maintenance pricing for the 71 Toll and MoPac Express Lane projects.

In addition, multiple Work Authorizations have been approved to facilitate the development and implementation of key projects and system enhancements.

Action Requested/Staff Recommendation – Staff recommends approval of Amendment No. 4 to the Maintenance Services Agreement with Kapsch TrafficCom to provide temporary maintenance support for the SH 45 SW Toll project.

Financing – General Fund

Backup Provided - Draft Resolution
Draft Fourth Amendment

**GENERAL MEETING OF THE BOARD OF DIRECTORS
OF THE
CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY**

RESOLUTION NO. 19-0XX

**APPROVE AMENDMENT NO. 4 TO THE MAINTENANCE SERVICES AGREEMENT
WITH KAPSCH TRAFFICCOM USA, INC.**

WHEREAS, in 2007 the Central Texas Regional Mobility Authority (Mobility Authority) entered into a Contract for Maintenance Services for Toll Collection System maintenance (the “Contract”) with Kapsch TrafficCom USA, Inc. (formerly Schneider Electric Mobility NA, Inc.); and

WHEREAS, by Resolution No. 16-023, dated May 3, 2016, the Board approved Amendment No. 3 to the Maintenance Services Contract with Kapsch TrafficComm USA, Inc. to provide maintenance and support services for the MoPac Improvement Project and SH 71; and

WHEREAS, the Mobility Authority requires maintenance services for the SH 45SW toll project including roadside lane equipment, toll host system, intelligent transportation systems, wrong way detection and communication infrastructure; and

WHEREAS, the Executive Director and Kapsch TrafficComm USA, Inc. have negotiated Amendment No. 4 to the Contract to incorporate monthly maintenance services for the SH 45SW toll project; and

WHEREAS, the Executive Director recommends that the Board of Directors approve Amendment No. 4 to the Contract with Kapsch TrafficComm USA, Inc. in the form attached as Exhibit A hereto.

NOW THEREFORE, BE IT RESOLVED that the Board of Directors hereby approves Amendment No. 4 to the Contract with Kapsch TrafficComm USA, Inc.; and

BE IT FURTHER RESOLVED that the Executive Director is hereby authorized to finalize and execute Amendment No. 4 to the Contract with Kapsch TrafficComm USA, Inc. on behalf of the Mobility Authority in the form or substantially the same form as is attached hereto as Exhibit A.

Adopted by the Board of Directors of the Central Texas Regional Mobility Authority on the 24th day of July 2019.

Submitted and reviewed by:

Approved:

Geoffrey Petrov, General Counsel

Nikelle Meade
Vice Chair, Board of Directors

Exhibit A

**FOURTH AMENDMENT TO
MAINTENANCE SERVICES CONTRACT
FOR TOLL COLLECTION SYSTEM BETWEEN CENTRAL TEXAS REGIONAL
MOBILITY AUTHORITY
AND KAPSCH TRAFFICCOM USA, INC.**

This Amendment to the Maintenance Services Contract for Toll Collection System between Central Texas Regional Mobility Authority (“CTRMA”) and Kapsch TrafficCom USA, Inc. (the “Contractor”) is made effective as of the ___ day of July 2019, and is for the purpose of amending SCHEDULE 1.2 of the Maintenance Services Contract for Toll Collection System between CTRMA and Contractor, effective March 3, 2007 (the “Contract”).

Pursuant to action of the CTRMA Board of Directors, reflected in Resolution No. 19-0XX, dated July 24, 2019, Schedule 1.1 of the Contract is amended as described below.

SCHEDULE 1.2: PRICE SCHEDULE is amended by revising the monthly fee to reflect the current status of the 183A Phase I & II Toll project, 290E Phase I & II Toll project, the MoPac Express Lane, 71 Toll project, TMC Operations and the new 45 SW Toll projects as follows:

SCHEDULE 1.2 is deleted in its entirety and replaced with the attached SCHEDULE 1.3.

By their signatures below, the parties of the Contract evidence, their agreement to the amendment set forth above.

CENTRAL TEXAS REGIONAL
MOBILITY AUTHORITY

KAPSCH TRAFFICCOM
USA, INC.

Mike Heiligenstein
Executive Director

Peter Aczel
General Manager
Delivery and Operation

SCHEDULE 1.3

MAINTENANCE SERVICES CONTRACT FOR TOLL COLLECTION SYSTEM

PRICE SCHEDULE

This section provides descriptions of the Method of Measurement and the Basis of Payment to complete the work for maintenance services on the toll collection systems on the CTRMA's Toll Road System.

Segment Payments

1. Monthly Maintenance Services for 183A Toll, 290 Toll, 71 Toll, MoPac Express Lane and TMC Operations at the current rates

Monthly Fee for maintaining 183A Toll, 290 Toll, 71 Toll, and the MoPac Express Lane projects, including Plaza System, Host System, Communications Equipment, all ETC Toll Lanes, System Administration, and the complete Intelligent Transportation System as furnished and installed shall be measured on a per month basis. Each per month unit shall include furnishing all labor, materials, and support services to perform Maintenance Services for that month in conformance with the requirements of the Specifications, the specified requirements of the ITS equipment, and as accepted by the CTRMA.

Maintenance Contract Coverage for Existing Roadways	FTE Count	Month Price	Annual Price
183A Toll, 290 Toll, 71 Toll, MoPac Express Lane & TMC Operations	10	\$170,807.20	\$ 2,049,686.40

2. Monthly Maintenance Services for 183A Toll, 290 Toll, 71 Toll, MoPac Express Lane and TMC Operations and Temporary Maintenance Services for the 45 SW Toll

Monthly Fee for maintaining 183A Toll, 290 Toll, 71 Toll, MoPac Express Lane and 45 SW Toll projects, including Plaza System, Host System, Communications Equipment, all ETC Toll Lanes, System Administration, and the complete Intelligent Transportation System as furnished and installed shall be measured on a per month basis. Each per month unit shall include furnishing all labor, materials, and support services to perform Maintenance Services for that month in conformance with the requirements of the Specifications, the specified requirements of the ITS equipment, and as accepted by the CTRMA.

Support for the 45 SW Toll at the monthly amount of \$49,872.36 will begin once the toll project passes its 30-day operational testing phase and conclude when a comprehensive contract amendment for maintenance has been finalized or after 60 days, whichever is greater.

Proposed Maintenance Contract Coverage	FTE Count	Month Price	Annual Price
183A Toll, 290 Toll, 71 Toll, MoPac Express Lane, TMC Operations and 45 SW Toll *	11.75	\$ 220,679.56	\$ 2,648,154.72

** Temporary support at the 2019 CPI rate*

Hourly Rates

The Hourly Rates for the 45 SW Toll Project are CY2019 Fully Loaded Rates.

Item Description / Position Title	CY2016	CY2017	CY2018	CY2019
	1.69%	2.33%	1.93%	2.00%
Software Engineer	\$148.12	\$151.57	\$154.50	\$157.59
System / Hardware Engineer	\$162.16	\$165.94	\$169.14	\$172.52
Technician	\$113.64	\$116.29	\$118.53	\$120.90
Database Administrator	\$210.68	\$215.59	\$219.75	\$224.14
Documentation Clerk	\$151.95	\$155.49	\$158.49	\$161.66
Testing Engineer	\$160.89	\$164.64	\$167.82	\$171.17
Project Manager	\$210.68	\$215.59	\$219.75	\$224.14
Network Administrator	\$146.84	\$150.26	\$153.16	\$156.22
Business Analyst	\$148.12	\$151.57	\$154.50	\$157.59

Out of Scope Services

Hourly rates for out of scope services pursuant to Section 11 of the Toll Collection System Maintenance Services Contract:

Software Engineer	\$157.59
System/Hardware Engineer	172.52
Technician	120.90
Database Administrator	224.14
Documentation Clerk	161.66
Testing Engineer	171.17
Project Manager	224.14
Network Administrator	156.22
Business Analyst	157.59

The Hourly Rates above are CY2019 Fully Loaded Rates