



CENTRAL TEXAS REGIONAL
MOBILITY AUTHORITY

October 26, 2022
AGENDA ITEM #7

Discuss and consider approving a request to Issue a Request for Proposals (RFP) for Intelligent Transportation System (ITS) Performance-based Maintenance Services with an allowance for an Executive Director approved shortlist

Strategic Plan Relevance:	Innovation, Service & Safety
Department:	Operations
Contact:	Greg Mack, Director of IT and Toll Systems
Associated Costs:	Not Applicable
Funding Source:	Operating Budget
Action Requested:	Staff recommends approving the issuance of a Request for Proposals for ITS maintenance services.

Project Description/Background: The Intelligent Transportation System (ITS) Performance-based Maintenance Services will include maintenance and construction services by a qualified ITS device maintenance and construction firm for all work related to ITS devices, communications, electrification, and infrastructure. The services will cover all existing and future ITS elements on the Mobility Authority's system.

The objective of these services is to ensure continuous (24 hours/day, 7 days/week, 365 days/year) operation and functionality of all components of the Mobility Authority's system and provide locate services for all ITS equipment. The provider shall be on-call on a 24/7/365 basis for the duration of the contract to respond to emergency repair and/or replacement work, including but not limited to severe weather events and warnings. Normal maintenance activities will be covered under one work authorization, while emergency services will be additional charges on agreed-upon time and materials rates.

Each corridor of the Mobility Authority roadway system contains a segment of the Mobility Authority's ITS, tolling, and communications network. The field

communications network provides the single link between the ITS and tolling elements to the Traffic Incident Management Center hub. In the majority of locations, ITS infrastructure and tolling facilities are physically separated, however in several locations ITS infrastructure is housed inside tolling enclosures and mounted on tolling gantries.

ITS Field Components consist of all field equipment deployed for the real-time collection, processing, and analysis of traffic and roadway conditions data and dissemination of traveler information to the motoring public. Field components include field devices (e.g., CCTV cameras, radar vehicle sensing devices, dynamic message signs, connected vehicle roadside units); device cabinet assemblies; network communication equipment (e.g., managed field ethernet switches, fiber optic patch panels, wireless radios); electrification equipment (e.g., power panels, power distribution unit, surge protection devices, power supplies, service disconnects, service transformers, utility meters, grounding); and physical infrastructure (e.g., cabling, conduit, ductbank, underground cable vaults, ground boxes, device poles).

Next Steps: Should the board approve this item; staff will release the Request for Proposal publicly via Civcast before the end of the year, targeted for November. Notice will be advertised with IBTTA, TollRoad News, and the Austin American-Statesman. The Question and Answer period will follow the RFP release and conclude in late December or early January. Vendor responses will be due in January 2023.

Evaluation committees have been selected to consider the responses. The committees plan to review the proposals and score the results. Scoring will be weighted, based on the following criteria:

Financial Review		Pass/Fail
Technical Response	30%	_____ 60%
Personnel and DBE Participation	30%	
Cost Proposal		
TOTAL		100%

The evaluation team may suggest shortlisting the top-scoring respondents to proceed with interviews before making a final decision. Shortlist criteria will be based on Technical Response and Personnel and DBE Participation scores, without reviewing pricing. If it is determined that a shortlist is to be used for interviews and final scoring, staff requests that the Executive Director be allowed to approve the shortlist.

Staff expects to present its recommendation for the selected ITS vendor at the April board meeting and request approval for the Executive Director to negotiate and execute a contract with the selected vendor.

Previous Actions & Brief History of the Program/Project: Kapsch TrafficCom USA, Inc. is currently tasked with installing and maintaining the Mobility Authority's toll ITS. These services will be transitioned to the new provider.

Financing: Operations Budget

Action requested/Staff Recommendation: Staff recommends approving the issuance of a Request for Proposals for ITS maintenance services with an allowance for an Executive Director approved shortlist.

Backup provided: Draft resolution

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

RESOLUTION NO. 22-0XX

**APPROVE THE ISSUANCE OF A REQUEST FOR PROPOSALS FOR
INTELLIGENT TRANSPORTATION SYSTEM PERFORMANCE-BASED
MAINTENANCE SERVICES**

WHEREAS, by Resolution No. 19-072 dated November 20, 2019, the Central Texas Regional Mobility Authority (Mobility Authority) approved an Amended and Restated Toll system Maintenance Services Contract with Kapsch TrafficCom USA, Inc, which includes installation and maintenance services for the Mobility Authority's intelligent transportation system (ITS); and

WHEREAS, the Mobility Authority has an ongoing need for ITS maintenance and construction services for all existing and future ITS elements on the Mobility Authority's system, including installation services, on-call emergency repair and/or replacement work, and regular maintenance related to ITS devices, communications, electrification, and infrastructure; and

WHEREAS, Mobility Authority operations staff have determined that it would be beneficial for these ITS services to be performed under a separate contract from toll systems installation and maintenance; and

WHEREAS, in order to obtain the required ITS services, the Executive Director recommends and requests that the Board authorize him to issue a request for proposals for ITS performance-based maintenance services with an allowance for an Executive Director approved shortlist.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors hereby authorizes the Executive Director to develop and issue a request for proposals for intelligent transportation system performance-based maintenance services with an allowance for an Executive Director approved shortlist.

Adopted by the Board of Directors of the Central Texas Regional Mobility Authority on the 26th day of October 2022.

Submitted and reviewed by:

Approved:

James M. Bass
Executive Director

Robert W. Jenkins, Jr.
Chairman, Board of Directors