



September 30, 2026 AGENDA ITEM #6

Discuss and consider approving
Supplemental Work Authorization No.
3 to Quarterhill Inc. Work
Authorization No. 4 for the 183N
Express Lane toll system installation

Strategic Plan Relevance:	Safety and Stewardship
Department:	Operations
Contact:	Greg Mack, Director of IT & Toll Systems
Associated Costs:	\$1,633,729.09
Funding Source:	183 North Project Fund
Action Requested:	Consider and act on draft resolution

Previous Actions & Brief History of the Project:

Quarterhill was awarded the 2021 Request for Proposals (RFP) for Electronic Toll Collection System (ETCS) Integration and Maintenance Services. Under this contract, Quarterhill provides toll system installation, integration, and maintenance services for Mobility Authority facilities throughout the Austin metropolitan region. Work Authorization No. 04 authorized Quarterhill to perform toll system installation services for the 183 North Mobility Project.

The scope and budget for Work Authorization No. 04 were developed using the 30% preliminary design plans referenced at the time of authorization. Given the design-build delivery method and the preliminary nature of the design, the work authorization was established with a not-to-exceed funding limit to accommodate anticipated changes as the project advanced.

As is inherent in design-build project delivery, design continued to evolve through Release for Construction (RFC) and during construction. Refinements to design, responses to field conditions, utility coordination, and other project-driven modifications resulted in changes to the final tolling infrastructure requirements. These changes affected the location, configuration, quantity, and installation requirements of toll system

components.

Accordingly, adjustments to Quarterhill's scope of services were required to align with the evolving project conditions and final constructed configuration. These adjustments include changes to material quantities, labor effort, equipment needs, and installation activities necessary to successfully implement the toll system and support project completion.

Financing: 183 North Project Fund

Action requested: Staff recommends the Board approve and authorize the Executive Director to execute Supplemental Work Authorization No. 03 to Work Authorization No. 04 for Electronic Toll Collection System Integration and Maintenance Services with Quarterhill Inc. in support of the 183 North Mobility Project.

Backup provided:

Draft Supplemental Work Authorization No. 03 to Work
Authorization No. 04
Draft Resolution

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

RESOLUTION NO. 26-0XX

**APPROVING SUPPLEMENTAL WORK AUTHORIZATION NO. 03 TO WORK
AUTHORIZATION NO. 04 FOR ELECTRONIC TOLL COLLECTION SYSTEM
INTEGRATION AND MAINTENANCE SERVICES WITH QUARTERHILL INC.**

WHEREAS, by Resolution No. 21-075, dated December 15, 2021, the Board of Directors of the Central Texas Regional Mobility Authority (the “Mobility Authority”) approved an agreement with Quarterhill Inc. (“Quarterhill”) for Electronic Toll Collection System (ETCS) Integration and Maintenance Services (the “ETCS Agreement”); and

WHEREAS, the Mobility Authority and Quarterhill entered into Work Authorization No. 04, authorizing Quarterhill to perform toll system installation services for the 183 North Mobility Project; and

WHEREAS, design refinements, field conditions, and construction have changed the toll system's final configuration, requiring adjustments to Quarterhill's scope of services, material quantities, labor, and equipment; and

WHEREAS, the Executive Director and Quarterhill have negotiated proposed Supplemental Work Authorization No. 03 to Work Authorization No. 04, in an amount not to exceed \$1,633,729.09, in the form or substantially the same form attached hereto as Exhibit A; and

WHEREAS, the Executive Director recommends that the Board of Directors approve Supplemental Work Authorization No. 03 to Work Authorization No. 04 and authorize its execution by the Executive Director.

NOW THEREFORE, BE IT RESOLVED, that the Board of Directors hereby approves Supplemental Work Authorization No. 03 to Work Authorization No. 04 with Quarterhill Inc., in an amount not to exceed \$1,633,729.09, in the form or substantially the same form attached hereto as Exhibit A; and

BE IT FURTHER RESOLVED, that the Executive Director is hereby authorized to finalize and execute Supplemental Work Authorization No. 03 to Work Authorization No. 04 on behalf of the Mobility Authority, in the form or substantially the same form attached hereto as Exhibit A.

Adopted by the Board of Directors of the Central Texas Regional Mobility Authority on the 30th day of September 2026.

Submitted and reviewed by:

Approved:

James M. Bass
Executive Director

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

Exhibit A



CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY

SUPPLEMENTAL WORK AUTHORIZATION NO. 03
to
WORK AUTHORIZATION NO. 04
TOLL SYSTEM IMPLEMENTATION – PHASE II and PHASE III
ELECTRONIC TOLL COLLECTION SYSTEM INTEGRATION
AND MAINTENANCE SERVICES

THIS SUPPLEMENTAL WORK AUTHORIZATION NO. 03 (“SWA No. 30”) is made this _____ day of _____ 2026 pursuant to the terms and conditions of the Amended Agreement for Roadside Toll Collection System Installation and Maintenance Services, to the Contract for Toll System Implementation, dated the 14th day of December, 2022 (the Contract) entered into by and between the Central Texas Regional Mobility Authority (the “Mobility Authority” or “CTRMA”), and Electronic Transaction Consultants, LLC (the “TSI,” also referred to in attachments to this SWA No. 03 as the “System Integrator” or “SI”).

Pursuant to this SWA No. 03, PART II of WA No. 04 is modified as follows:

PART II. The System Integrator Price Sheet documented in **Attachment D** is amended to **\$11,712,472.77**, increasing the maximum amount payable under this WA No. 04 by **\$1,768,319.77**.

IN WITNESS WHEREOF, this Supplemental Work Authorization No. 03 to Work Authorization No. 04 is executed in duplicate counterparts and hereby accepted and acknowledged below.

THE TSI (Electronic Transaction Consultants, LLC)

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

James Bass, Executive Director
Typed/Printed Name and Title

LIST OF ATTACHMENTS

Attachment D System Integrator Price Sheet and Budget

ATTACHMENT D

System Integrator Price Sheet

ELECTRONIC TOLL COLLECTION SYSTEM INTEGRATION AND MAINTENANCE SERVICES

DESCRIPTION	UNIT PRICE	WA 4 Quantity (Supp 3)	WA 4 Price (Supp 3)
Fiber Optic Cable (12-Strand SM)	\$ 12.97	34,881	\$ 452,406.57
Fiber Optic Cable (144-Strand SM)	\$ 13.57	45,212	\$ 613,526.84
Fiber Optic Cable (6-Strand MM)	\$ 9.20	22,600	\$ 207,920.00
No. 10 Insulated Electric Conductor	\$ 3.85	22,750	\$ 87,587.50
Material overages, additional field work required to complete the 183N installation, and a temporary PTZ CCTV installation			\$ 112,158.90
			WA 4 (Supp 3)
Total			\$ 1,473,599.81
20% Contingency			\$ 294,719.96
Grand Total			\$ 1,768,319.77