

Clipper® Executive Board

March 27, 2023

Agenda Item 3a

Clipper® Contract Approval –Software Design to Support Third Party Integration with the Next Generation Clipper (C2) System: Trapeze Software Group (\$1,069,523)

Subject:

Request for approval of a Contract with Trapeze Software Group to customize Trapeze's paratransit booking software in an amount not to exceed (\$1,069,523).

Background:

The C2 SI contract includes Third Party integration through application programming interfaces (APIs), and requires Cubic to design for paratransit software systems Trapeze PASS and Stratagen ADEPT. To leverage the Clipper APIs, the paratransit software needs to connect to Cubic's Azure cloud hosted back-office through the APIs to communicate account and fare transaction information to the Clipper system.

During 2020, a working group of transit operators and paratransit operator staff confirmed that APIs were the preferred regional strategy for integration with paratransit, and that fare payment would be posted to the customer's account upon a trip being performed. This would result in a consistent regional payment experience and not require the customer to prepay. The working group identified technical and financial needs to move forward with the integration, and requested support from MTC including managing paratransit integration as a regional project and support for costs to upgrade paratransit dispatch software as may be needed to support integration.

Trapeze is the paratransit software provider for 13 transit agencies in the Bay area. These agencies invited Trapeze and MTC to a meeting in December 2020 to discuss the C2 project. MTC has continued to meet with Trapeze to discuss the C2 design and asked for a statement of work and pricing for any API design that would be required for Trapeze to use Cubic's APIs.

As an outcome to those discussions, Trapeze has proposed that the project have two statements of work (SOWs).

1. Pilot Agency (SFMTA) - Test APIs and determine optimal version of Trapeze by starting with one transit operator to undertake development, testing and piloting.

2. Multi-Agency - Phased deployment at the other 12 agencies (County Connection, LAVTA, Marin County, Napa County, Petaluma, SamTrans, Santa Rosa, Solano County, Sonoma County, TriDelta, WestCat, VTA) once the pilot agency system has been successfully piloted and tested.

Transit agency staff received the two statements of work to review on May 23, 2022. Trapeze met with transit agency staff to discuss the C2 project on July 6th, 2022. Trapeze has revised the statements of work to address comments and reissued in late 2022. These versions were reviewed by staff in February 2023; additional comments were received and addressed.

In terms of contracting, MTC will contract with Trapeze for API design and testing for integration with C2. The transit agencies will continue to contract with Trapeze as they currently do. The transit agencies will enter into a cooperative agreement with MTC to acknowledge they are beneficiaries of MTC's contract with Trapeze.

Funding for the project is through the Blue Ribbon Transit Recovery Task Force (STA funds) and has been programmed and allocated.

Issues:

No technical issues identified. Funds were set aside in the Two-Year Clipper Capital Budget and Work Plan approved by this Board on June 27, 2022.

Recommendation:

Staff recommends that the Board approve a Contract with Trapeze Software Group in an amount not to exceed \$1,069,523, to provide integration for paratransit with APIs as described above.

Attachments:

- None.



Carol Kuester

Request for Board Approval

Summary of Proposed Contract with Trapeze Software Group

Contractor: Trapeze Software Group
Cedar Falls, IA

Work Project Title: Software modifications to Trapeze EZ Wallet APIs software to allow Trapeze PASS to connect with the C2 back-office for fare payment.

Purpose of Project: To create Clipper as a payment option for paratransit customers.

Brief Scope of Work: Trapeze Software Group will modify its EZ Wallet APIs software, deploy, test and implement at 13 Clipper agencies.

Project Cost Not to Exceed: \$1,069,523

Funding Source: Blue Ribbon Task Force

Fiscal Impact: Funds available in the 2022-23 MTC agency budget

Motion by Board: That a contract amendment with Trapeze Software Group described above and in the Clipper Executive Director's summary sheet dated March 27, 2023, is hereby approved by the Clipper Executive Board.

Clipper Executive Board:

Robert Powers, Chair

Approved: March 27, 2023