

To: Board of Directors

Date: September 8, 2026

From: Marcel Longmire, Director of Maintenance

Reviewed by: 

SUBJECT: Farebox Retrofit Project

Background:

County Connection has utilized the current Genfare Transview farebox system for more than 20 years. Staff has done an excellent job maintaining the fareboxes and keeping them operational; however, obtaining replacement parts has become increasingly difficult as the equipment continues to age.

A new Genfare farebox starts at approximately \$20,000 per unit and includes features that are not necessary to County Connection bus operations. Due to the high cost of replacement fareboxes and mismatch in technology, staff began evaluating alternative fare collection solutions. One of the primary challenges in identifying a replacement system is the Authority's requirement that any solution be compatible with, or include, a secure vault collection system.

Discussion:

During the evaluation process, staff connected with Diamond Manufacturing, a company that manufactures manual fareboxes that operate using a simple dump-lever mechanism. While Diamond Manufacturing does not currently offer a vault collection system to accompany its fareboxes, the company presented a potential solution specifically designed to address County Connection's needs.

The proposed modification would utilize the Authority's existing Genfare Transview fareboxes by removing the electronic upper portion of the unit and replacing it with a manual Diamond Manufacturing attachment. This modification would allow fares to be deposited directly into the Authority's existing vault system, preserving infrastructure that remains fully operational. This approach offers several benefits:

- Extends the useful life of the Authority's existing vault collection system
- Reduces dependence on aging Genfare components that are becoming difficult to source
- Provides a simpler and more maintainable fare collection solution
- Significantly lowers costs compared to purchasing entirely new farebox systems
- Reduces implementation complexity by utilizing existing infrastructure

Diamond Manufacturing currently serves transit agencies throughout all 50 U.S. States, as well as customers in Canada, Mexico, Bermuda, and Guam. The company has demonstrated a long-term commitment to supporting its products and customers, providing confidence in the availability of future parts and technical support.

Staff believes this solution provides a cost-effective and sustainable approach to addressing the Authority's fare collection needs while maximizing the value of existing assets and avoiding the substantial expense associated with procuring an entirely new farebox and vault system.

Financial Implications:

The total purchase price for 150 DMOO Retrofit Kits is \$367,375, broken down as follows:

150 DMOO Retrofit Kits Complete (\$2,200 each)	\$330,000
1 Freight Cost by dedicated truck	\$5,200
<u>Tax</u>	<u>\$32,175</u>
Total:	\$367,375

TDA capital funds have been programmed for onboard technology in the FY 2026-27 budget in an amount sufficient to fund this purchase.

Recommendation:

The Operations & Scheduling Committee and staff recommend that the Board of Directors consider the purchase of 150 DMOO Retrofit Kits from Diamond Manufacturing.

Action Requested:

The Operations & Scheduling Committee and staff requests that the Board of Directors adopt Resolution Number 2027-05 authorizing the General Manager or designee to execute procurement documents with Diamond Manufacturing to purchase 150 DMOO Retrofit Kits in an amount not to exceed \$367,375.

Attachments:

Attachment 1: Four (4) Photos of the updated farebox

Attachment 2: Resolution Number 2027-05

A stainless steel fire extinguisher is mounted on a yellow step inside a vehicle cab. The extinguisher has a black handle and a pressure gauge. A red label on the step reads "WATCH YOUR PISE CON CH". The background shows the interior of the cab with various controls and windows.



RESOLUTION NO. 2027-05

**BOARD OF DIRECTORS
CENTRAL CONTRA COSTA TRANSIT AUTHORITY
STATE OF CALIFORNIA**

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**AWARDING A CONTRACT TO DIAMOND MANUFACTURING, INC. TO PURCHASE ONE
HUNDRED AND FIFTY FAREBOX RETROFIT KITS FOR A TOTAL NOT-TO-EXCEED
AMOUNT OF \$367,375**

WHEREAS, the County of Contra Costa and the Cities of Clayton, Concord, the Town of Danville, Lafayette, Martinez, the Town of Moraga, Orinda, Pleasant Hill, San Ramon and Walnut Creek (Member Jurisdictions) have formed the Central Contra Costa Transit Authority (CCCTA), a joint exercise of powers agency created under California Government Code Section 6500 et seq., for the joint exercise of certain powers to provide coordinated and integrated public transportation services within the area of its Member Jurisdictions and certain unincorporated portions of Contra Costa County (Service Area);

WHEREAS, CCCTA has utilized the current Genfare Transview farebox system for more than 20 years;

WHEREAS, obtaining replacement parts for the Genfare Transview farebox system has become increasingly difficult as the equipment continues to age;

WHEREAS, CCCTA staff evaluated options for farebox replacement systems;

WHEREAS, staff discovered that Diamond Manufacturing manufactures a custom farebox retrofit system that removes the upper portion of CCCTA's existing farebox unit and replaces it with a manual attachment;

WHEREAS, the Diamond Manufacturing retrofit system simplifies the cash fare collection system while retaining the same vault system utilized by maintenance staff, providing interoperability with CCCTA's existing vault infrastructure, limiting the need for further equipment updates; and

WHEREAS, staff recommends and the Operating and Scheduling Committee concurs that the Board of Directors authorize the General Manager or designee to execute a sole source, one-year contract with Diamond Manufacturing to purchase one hundred and fifty farebox retrofit kits for a total not-to-exceed amount of \$367,375.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of the Central Contra Costa Transit Authority hereby authorizes the General Manager or designee to execute a sole source, one-year contract with Diamond Manufacturing to purchase one hundred and fifty farebox retrofit for a total not-to-exceed amount of \$367,375; and

BE IT FURTHER RESOLVED that the General Manager or designee is authorized to take any other actions necessary to give effect to this Resolution.

Regularly passed and adopted this 17th day of September, 2026 by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Laura Hoffmeister, Chair, Board of Directors

ATTEST:

Lathina Hill, Clerk to the Board