

## INTER OFFICE MEMO

To: Board of Directors

Date: 09/07/2022

From: J. Scott Mitchell, Chief Operating Officer

Reviewed by: *WC.*

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**SUBJECT: Purchase of WAVE Inductive Chargers for Concord Facility**

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**Background:**

In 2016 the Authority purchased and installed two (2) EFACEC battery chargers at the Concord facility to support the operation of the four (4) battery electric trolleys that are used on the Route 4 in Walnut Creek. These chargers are built in Portugal and were the only chargers that could be used with the BAE system used on the trolleys. These chargers are no longer being supported by the manufacturer, are currently inoperative and need to be replaced.

**Summary of Issues:**

We currently have eight (8) battery electric buses requiring overnight charging at the Concord facility to ensure reliable, efficient operation of these vehicles. The buses are also designed to use the WAVE Inductive chargers in the field located at the Walnut Creek BART station. County Connection has been using the WAVE Inductive chargers for six (6) years at Walnut Creek BART, and they have proven to be very reliable. The existing County Connection buses can only be charged by EFACEC depot chargers or the WAVE system. WAVE Inc. is an American company and meets all Federal Transit Buy America guidelines. Since the EFACEC depot chargers are no longer functioning and support is no longer available, staff believes the best solution would be to install WAVE chargers at the depot as a replacement system.

Staff requests authorization to purchase two (2) 50 kW WAVE Inductive charging units for the Concord facility.

This project will require construction. Staff is currently working on an Invitation for Bid (IFB) for the construction component of this project and will bring back to the Committee a recommendation for a contractor after bids are received.

**Financial Implication:**

The Authority has a Low/No Grant and Prop IB Funds to cover the cost of project.

Two (2) 50 kW Chargers: \$370,000

**Recommendation:**

The O&S Committee recommend that the Board of Directors at its September 15, 2022, meeting, adopt Resolution No. 2023-007 authorizing the General Manager to release a purchase order to WAVE Inc. for the purchase of the WAVE system with a price not to exceed \$370,000.

**Attachments:**

None

**RESOLUTION NO. 2023-007**

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

**AWARDING CONTRACT FOR TWO INDUCTIVE CHARGERS FOR  
THE CONCORD FACILITY TO WAVE, INC.**

**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 (hereinafter “Member Jurisdictions”) have formed the Central Contra Costa Transit Authority (“County Connection”), 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

**WHEREAS**, County Connection currently has eight battery electric buses requiring overnight charging at the Concord facility to ensure reliable, efficient operation of these vehicles;

**WHEREAS**, in 2016, County Connection purchased and installed two EFACEC battery chargers at the Concord facility, however these charges are no longer being supported by the manufacturer, are currently inoperative and need to be replaced;

**WHEREAS**, the only other 50 kW chargers that can charge the existing battery electric buses are built by WAVE, Inc.;

**WHEREAS**, County Connection has been using the WAVE Inductive chargers for six years at Walnut Creek BART, and they have proven to be very reliable;

**WHEREAS**, the purchase price of both WAVE chargers is fully funded by the Federal Transit Administration's Low-No Program grant and state Prop 1B funds, at a cost not to exceed of \$370,000; and

**WHEREAS**, staff recommends, and the Operations and Scheduling Committee concurs, that the Board of Directors authorize the General Manager to execute a contract with WAVE, Inc. for the purchase of two 50 kW WAVE inductive chargers, in a form approved by Legal Counsel and in conformance with applicable Federal Transit Administration grant requirements.

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Directors of the Central Contra Costa Transit Authority, that the General Manager or his designee is hereby authorized to enter into a contract with WAVE Inc., in a form approved by Legal Counsel and in conformance with applicable

Federal Transit Administration grant requirements, for the purchase of two 50 kW WAVE inductive chargers, in a sum not to exceed \$370,000.

Regularly passed and adopted this 15th day of September, 2022 by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

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Dave Hudson, Chair, Board of Directors

ATTEST:

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Lathina Hill, Clerk to the Board