



Western Contra Costa
Transit Authority

August 15, 2024, 2024
Tim Haile
Executive Director
Contra Costa Transportation Authority
2999 Oak Road, Suite 100
Walnut Creek, CA 94597

Re: Regional Measure 3 (RM3) Project 26 – North Bay Transit improvements – WestCAT Zero Emission Bus and Infrastructure

Dear Mr. Haile, 

Western Contra Costa Transit Authority (WestCAT) is requesting \$6,666,666 in RM3 funds under Project 26, North Bay Transit Improvements - WestCAT Zero emission Bus and Infrastructure. Copies of the Initial Project Reports (IPR) are attached. The WestCAT Board will take board action and submitted as part of this package when the timeline is formalized.

Project Description – Maintenance Facility Upgrades, hydrogen fueling infrastructure and Hydrogen Fuel Cell Bus Purchase.

Match funding to FTA Low-NO grant (received July 2024) to upgrade the WCCTA Maintenance in preparation for Hydrogen vehicles, purchase and installation of a Hydrogen fueling system and local match funding to replace up to twenty-five 35-foot, 40-foot and 45-foot diesel buses with Zero Emission Vehicles per ICT Regulation. WCCTA intends to buy 100% zero-emission vehicles for its transit fleet starting in 2027, allowing for a full transition to zero emissions by 2040.

RM3 Funds	\$6,666,666
FTA Low-No 5337	\$20,646,189
Total	\$27,312,855

This initial allocation request (\$640,000) will be used as a local match for the initial phase of this project – the Infrastructure upgrades for the WestCAT Maintenance facility to upgrade to a Hydrogen safe and compliant facility.

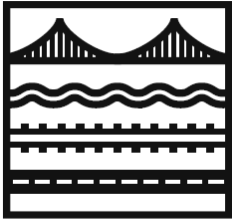
RM3 Funds	\$645,000
FTA Low-No 5337	\$2,322,000
Total	\$2,967,000

Please let me know if you have any additional questions or need any additional information,

Sincerely



Rob Thompson
General Manager



Regional Measure 3

Initial Project Report

Project/Subproject Details

Basic Project Information

Project Number	26
Project Title	North Bay Transit Improvements
RM3 Funding Amount	\$100,000,000

Subproject Information

Subproject Number	
Subproject Title	WestCAT Zero emission Bus and Infrastructure
RM3 Funding Amount	\$6,666,666

I. Overall Subproject Information

a. Project Sponsor / Co-sponsor(s) / Implementing Agency

Western Contra Costa Transit Authority (WCCTA)

b. Detailed Project Description *(include definition of deliverable segment if different from overall project/subproject)*

Match funding to FTA Low-NO grant (received July 2024) to upgrade the WCCTA Maintenance in preparation for Hydrogen vehicles, purchase and installation of a Hydrogen fueling system and local match funding to replace up to twenty-five 35-foot, 40-foot and 45-foot diesel buses with Zero Emission Vehicles per ICT Regulation. WCCTA intends to buy 100% zero-emission vehicles for its transit fleet starting in 2027 allowing for a full transition to zero emissions by 2040.

c. Impediments to Project Completion

WCCTA anticipates startup challenges including funding and the developing nature of zero-emission bus technology. The price of zero-emission buses is currently about 35-45% more than diesel buses, not accounting for the added cost of future purchasing and installation of necessary infrastructure. WCCTA was awarded an FTA Low-NO grant



Final Measure 3 Initial Project Report

in July 2024, RM3 funds will be used to supplement and fully fund the initial Maintenance facility upgrades that are necessary and a fueling station. WCCTA needs to complete this upgrade before the anticipated delivery of Hydrogen Fuel Cell vehicles in 2027.

- d. **Risk Management** *(describe risk management process for project budget and schedule, levels of contingency and how they were determined, and risk assessment tools used)*

Contingency of \$220,000 was included in Project budget. All costs were developed with named vendors in FTA Low-No application.

- e. **Operability** *(describe entities responsible for operating and maintaining project once completed/implemented)*

WCCTA will be fully responsible for acquiring, operating and maintaining the vehicles, equipment, and infrastructure.

- f. **Project Graphic(s)** *(include below or attach)*

N/A

II. Project Phase Description and Status

- a. **Environmental/Planning**

Does NEPA apply? Yes ☐ No ☒

Project Management planning will begin in November 2024

- b. **Design**

Facility upgrade is a Design/Build contract, anticipated to begin early 2025, and Fueling infrastructure will begin in early 2026

- c. **Right-of-Way Activities / Acquisition**

N/A

- d. **Construction / Vehicle Acquisition / Operating**



nal Measure 3 Initial Project Report

WCCTA anticipates production of an initial 9 buses to begin in 2027 with delivery and deployment occurring in 2027, Facility upgrades and infrastructure will need to be in place before the delivery of ZEB's. Facility work will begin construction early 2025.

III. Project Schedule

Phase-Milestone	Planned	
	Start Date	Completion Date
Environmental Studies, Preliminary Eng. (ENV / PE / PA&ED)	N/A	N/A
Final Design - Plans, Specs. & Estimates (PS&E)	N/A	N/A
Right-of-Way Activities /Acquisition (R/W)	N/A	N/A
Construction (Begin – Open for Use) / Acquisition (CON)	Sept 2024	Dec 2027

IV. Project Budget

Capital

Project Budget	Total Amount - Escalated to Year of Expenditure (YOE)- (Thousands)
Environmental Studies & Preliminary Eng (ENV / PE / PA&ED)	
Design - Plans, Specifications and Estimates (PS&E)	
Right-of-Way Activities /Acquisition (R/W)	
Construction / Rolling Stock Acquisition (CON)	27,313
Total Project Budget (in thousands)	27,313

Deliverable Segment Budget (if different from Project budget)	Total Amount - Escalated to Year of Expenditure (YOE)- (Thousands)
Environmental Studies & Preliminary Eng (ENV / PE / PA&ED)	
Design - Plans, Specifications and Estimates (PS&E)	



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Right-of-Way Activities /Acquisition (R/W)	
Construction / Rolling Stock Acquisition (CON)	
Total Project Budget (in thousands)	

Operating	Total Amount - Escalated to Year of Expenditure (YOE)- (Thousands)
Annual Operating Budget	

V. Project Funding

Please provide a detailed funding plan in the Excel portion of the IPR. Use this section for additional detail or narrative as needed and to describe plans for any "To Be Determined" funding sources, including phase and year needed.

See Attached Excel Spreadsheet.

WCCTA was awarded an FTA Low-No grant for \$20.6M in July 2024. These funds will be the local match to that award. This project is fully funded with committed funds.

VI. Contact/Preparation Information

Contact for Project Sponsor

Name: Rob Thompson

Title: General Manager

Phone: (510) 724-3331

Email: rob@westcat.org

Mailing Address: 601 Walter Ave. Pinole, CA 94564

Person Preparing Initial Project Report (if different from above)

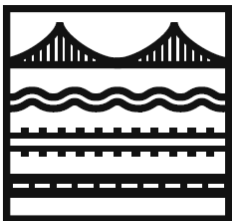
Name:

Title:

Phone:

Email:

Mailing Address:



Regional Measure 3 Allocation Request

RM3 Project Information

Project Number	26
Project Title	North Bay Transit improvements
Project Funding Amount	\$100,000,000

Subproject Information (if different from overall RM3 project)

Subproject Number	
Subproject Title	WestCAT Zero Emission Bus and Infrastructure
Subproject Funding Amount	6,666,666

RM3 Allocation History (Add lines as necessary)

	MTC Approval Date	Amount	Phase
#1:			
#2			
#3			

Total: \$

Current Allocation Request:

Request submittal date	Amount	Phase
Sept 2024	\$6,666,666	Construction

I. RM3 Allocation Request Information

- Describe the current status of the project, including any progress since the last allocation request or IPR update, if applicable.

This is the initial request for this project: local match funding for the fTA Low-No award (July 2024) for Maintenance Facility upgrades, Hydrogen Fueling infrastructure and Hydrogen Fuel Cell Vehicle purchase

- b. **Describe the scope of the allocation request. Provide background and other details as necessary. The scope must be consistent with the RM3 statute. If the scope differs from the most recent IPR for this project, please describe the reason for any changes here; a revised IPR may be necessary.**

Funding will be provided as local match to a recent FTA Low-No award in the sum of \$20,646,189

- c. **Deliverable segment budget – please fill out attached Excel file. If the budget differs from the most recent IPR for this project, please describe the reason for any changes here; a revised IPR may be necessary.**

- d. **Schedule – what is the expected completion date of the phase for this allocation? Describe any significant milestones.**

Low-No was awarded in July 2024. Significant Milestones will be Facility Improvements completed last 2025, Fueling infrastructure in 2027 and Vehicle purchase 2028

- e. **If the project received an RM3 Letter of No Prejudice, how much has been spent against the approved RM3 LONP amount? (Note: the scope and RM3 amount for this allocation request should match the approved LONP)**

N/A

f. Request Details

Amount being requested	\$6,666,66
Project phase being requested	Construction
Are there other fund sources involved in this phase?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Date of anticipated Implementing Agency Board approval of RM3 Allocation Request resolution for the allocation being requested	Sept 2024
Month/year being requested for MTC commission approval of allocation	December 2024

Note: Allocation requests are recommended to be submitted to MTC staff for review sixty (60) days prior to action by the Implementing Agency Board

- g. **List any other planned bridge toll allocation requests in the next 12 months**

N/A

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