

TCR Program – Application Amendment Project #29 – February 2006

**Alameda / AC Transit; buy three fuel cell buses and fueling facility for demonstration
Contra Costa project in Alameda and Contra Costa Counties.**

(\$ X 1,000)

<i>Estimated Project Cost:</i>	\$19,702	<i>TCRP Funds covered by the application:</i>	\$8,000
<i>Total TCRP Funds Available:</i>	\$8,000	<i>Phases(s) covered in application:</i>	4
		<i>TCRP Funds Previously Approved for 29</i>	\$8,000
<i>Lead Agency:</i>	Alameda Contra Costa Transit District	<i>Implementing Agency:</i>	Same

<i>TCRP allocations approved to date:</i>	\$8,000	<i>for Phase(s):</i>	4
<i>Advance approved :</i>	\$0	<i>for Phase(s):</i>	N/A

Project Summary:

Purchase three zero-emission fuel cell buses that will be used to demonstrate the feasibility of using this technology as the energy source for the operation of standard-size transit buses in a large urban transit environment. The project will include education and outreach activities, and the supporting infrastructure (fueling and maintenance) facilities needed to implement the project. Once the buses have been received and the initial acceptance has been completed, they will be placed in revenue service and tested for a period of two years.

Cost and Schedule (\$ x 1,000)

<i>Phase</i>	<i>Scope</i>	<i>Start</i>	<i>End</i>	<i>Cost</i>
1	Environmental – Categorically Exempt			
2	Specifications-RFP - IN HOUSE			
4	Construct fueling facility, learning center and maintenance facility.	3/04	12/05	\$7,293
	Purchase three hydrogen fuel-cell buses.	4/02	2/06	\$9,485
	Learning Center; Exhibits; Outreach	11/03	6/07	\$2,924
	Testing Phase	4/06	6/07	
			Total:	\$19,702

Funding Plan (\$ x 1,000)

<i>Source</i>	<i>Type</i>		<i>Phase 1</i>	<i>Phase 2</i>	<i>Phase 3</i>	<i>Phase 4</i>	<i>Total</i>
TCRP	State	Committed				\$8,000	\$8,000
		Proposed					
DOT	Federal	Committed				\$990	\$990
CEC/CARB	State	Committed				\$3,425	\$3,425
DOE	Federal	Committed				\$2,700	\$2,700
Calstart		Committed				\$107	\$107
District	Local	Committed				\$1,230	\$1,230
Private	Private	Committed				\$2,250	\$2,250
TFCA	Local	Committed				\$1,000	\$1,000
	Totals:	Committed				\$19,702	\$19,702
		Proposed					
		Totals:				\$19,702	\$19,702

Prior TCRP Action:

- Original Application was approved on February 21, 2001 (Resolution TA-01-04).
- A minor amendment to update project schedule and financial plan was approved July 2002.
- Application amendment to update project scope to purchase three fuel cell busses and project schedule due to choosing new vendor was approved June 15, 2004 (Resolution TAA-04-06).
- Application amendment to revise project scope to include education and outreach activities, and to update the project schedule and funding plan was approved February 2, 2006 (Resolution TAA-06-07). Project scope was revised retroactively to March 2004.
- A re-allocation of \$3,196,000 for Phase 4 was also approved February 2, 2006 (Resolution TFP-06-02.)

Status of Conditions: No conditions set for this project under Resolution TA-01-04.

Discussion/Issues: No issues. Project is categorically exempt under CEQA. Regional Transportation Plan documentation on file.