

DELEGATION ORDER



AB118

Training Proposal for:

El Camino Community College District, Center for Applied Competitive Technologies (CACT)

Agreement Number: ET15-0804

Approval Date: May 4, 2015

ETP Regional Office: North Hollywood

Analyst: L. Vuong

PROJECT PROFILE

Contract Attributes:	Retrainee Priority Rate HUA	Industry Sector(s):	Transportation/Logistics Services Green Technology Priority Industry: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Counties Served:	Statewide	Repeat Contractor:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Union(s):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No BART Chapter SEIU Local 1021; Anaheim Municipal Employees Association (AMEA) ; International Association of Machinists & Aerospace Workers, District Lodge 947; SEIU 721, Amalgamated Transit Union (ATU) Local 1277; SEIU Local 99; Teamsters Local 186, 166 & 952; and International Union of Operating Engineers Local 501.		
Turnover Rate:	≤20%		
Managers/Supervisors: (% of total trainees)	≤20%		

FUNDING DETAIL:

All funding will be under the Alternative and Renewable Fuel and Vehicle Technology Program created under AB118.

Program Costs	+	Support Costs	=	Total ETP Funding
\$60,480		\$4,160 8%		\$64,640

In-Kind Contribution:	50% of Total ETP Funding Required	\$127,680
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TRAINING PLAN TABLE

Job No.	Job Description	Type of Training	Estimated No. of Trainees	Range of Hours		Average Cost per Trainee	Post-Retention Wage
				Class / Lab	CBT		
1	Retrainee Priority Rate	Adv. Technology, Commercial Skills	40	8-200	0	\$808	\$15.07
				Weighted Avg: 42			
2	Retrainee Priority Rate HUA	Adv. Technology, Commercial Skills	40	8-200	0	\$808	\$11.30
				Weighted Avg: 42			

Minimum Wage by County: Job Number 1: \$16.44 per hour for Alameda, Contra Costa, Marin, San Francisco, San Mateo, and Santa Clara Counties; \$15.97 per hour for Los Angeles County; \$16.02 per hour for Orange County; \$15.93 per hour for San Diego County; \$15.75 per hour for Sacramento County; \$15.56 per hour for Alpine County; and \$15.07 per hour for all other counties.

Job Number 2 (HUA): \$11.30 per hour for Kern, Riverside, San Bernardino, and Ventura Counties.

Health Benefits: Yes No This is employer share of cost for healthcare premiums – medical, dental, vision.

Used to meet the Post-Retention Wage?: Yes No Maybe

Participating employers may use health benefits to meet the Post-Retention Wage.

Wage Range by Occupation

Occupation Titles	Wage Range	Estimated # of Trainees
Mechanic		20
Maintenance Worker		19
Shop Lead		19
Technician		19
Manager/Supervisor		2
Senior Manager/Supervisor		1

INTRODUCTION

Founded in 1946, El Camino Community College District, Center for Applied Competitive Technologies (El Camino CACT) is a two-year community college offering academic and vocational education programs. The district established the Center for Applied Competitive Technologies to advance California’s economic growth and global competitiveness. El Camino CACT provides customized training, workshops, and technical assistance to employers.

El Camino CACT (www.elcaminotraining.com) is eligible for funding under the AB118 program as described below. The core participating employers for this proposal are in mass transit, alternative fuels, transportation maintenance, and fleet services. The employer group will

include municipalities, consistent with the Panel's AB118 guidelines, and training will target eligible employers statewide. Approximately 85% of training is expected to be held at El Camino CACT's facility and/or other training vendor locations; the remainder will be conducted at participating employer worksites.

Union Support

A large percentage of trainees are represented by a variety of unions as identified on page one of this proposal memo. El Camino CACT will not commence training for these employees until the respective union support letters have been provided to ETP.

AB 118

This proposal will be funded under the Alternative and Renewable Fuel and Vehicle Technology Program (ARFVTP) created in 2007 pursuant to AB 118 (ET15-0804). This program is administered by ETP in partnership with the California Energy Commission. The overall goal of the AB 118 Program is to support a transition from petroleum-based transportation to alternative and renewable fuels and clean, low carbon vehicle technologies. There is no expenditure of Employment Training Tax funds for the AB 118 Program. Public entity employers are eligible to participate, such as city and county regional transit authorities, fire districts, and law enforcement agencies.

Training is focused on job skills needed to produce and distribute new alternative fuels. Additional skills may include how to design, construct, install, operate, service, and maintain new fueling infrastructure and vehicles.

Active Contract – AB 118

El Camino CACT has an active contract with ETP under the Alternative and Renewable Fuel and Technology Program (AB118) that runs until August 2015 (ET14-0800). Of an estimated 500 trainees, 412 have been enrolled and 370 have received the minimum hours of training. Based on ETP Systems, 15,818 reimbursable hours have been tracked for potential earnings of \$361,780 (96% of approved amount). The Contractor projects final earnings of 100% based on training currently committed to by employers and in progress to the end of the training period (05/04/15).

Prior Performance

El Camino CACT held a prior ETP Agreement funded under AB118 in the amount of \$747,460, terminating on March 31, 2013 (ET11-0806). El Camino CACT earned \$350,018 (47%) of the approved amount and 784 trainees completed retention. The current proposal has been "right-sized" to much less than this amount.

According to El Camino CACT, the limited subject matter of training funded under AB118 became a deterrent as recruitment rolled out. The targeted employers (cities, counties, regional transits, and municipalities) were not familiar with the goals of ARFVTP. As a result, the College and its training partners spent the first seven months of the contract educating participating employers about the AB 118 program. In addition, the training curriculum required certifications at course completion and the College faced delays on securing the necessary documentation.

As a result of the issues detailed above, El Camino CACT invested heavily in a SharePoint database system. It has enabled increased communication with partners colleges, real-time

viewing of registration data, easier access to rosters/forms, and a better balance of class scheduling with fewer cancellations.

PROJECT DETAILS

Many of the committed employers have done business with El Camino CACT in the past and have participated in previous Agreements. However, the curriculum has been refined and updated from the previous projects. Outreach has not changed as El Camino CACT continuously markets courses to new and existing clients.

This proposal will provide alternative fuel and related training in a variety of clean air technologies for light and heavy duty vehicles including hybrid-electric, electric, and compressed natural gas. In an effort to reach a wide spectrum of trainees and cover a variety of alternative fuel topics, training will reflect both general principles, as well as manufacturer-specific systems.

El Camino CACT has identified the Advanced Transportation Technology and Energy (ATTE) Centers of Cerritos College and Long Beach City College as the lead training providers for this project. The ATTE Centers were created and placed statewide to help keep California competitive in the advanced transportation and energy technologies. Most of the proposed training will take place in the Southern California area. However, El Camino CACT anticipates that training will likely be extended to additional regions across the state.

Advanced Technology (AT) - Training will be offered to all occupations. El Camino CACT is requesting the AT reimbursement rate for this training. Training requires the use of expensive equipment and instructors: innovative computer software, advanced engines/systems, sophisticated testing equipment and specially trained instructors. Due to the highly technical nature, the trainer-to-trainee ratio will not exceed 1:10 to allow in-depth coverage and personal attention.

Commercial Skills - Training will be offered to all occupations to help them better understand the inner workings alternative fuel technology. Training will also provide trainees with safety standards pertaining to alternative fuel vehicles.

Marketing and Support Costs

El Camino CACT's marketing and recruitment efforts include networking with existing clients, outreach to new businesses, and referrals from community college partners and economic development entities. El Camino CACT staff works closely with the South Bay Workforce Investment Board (WIB), and Pacific Gateway WIB, as well as firefighter and police groups throughout the state to market classes and recruit participants. El Camino CACT utilizes employer evaluations to assess specific training needs and industry trends. For this project, El Camino CACT also worked closely with various transportation organizations to help define course content and identify employers currently utilizing alternative fuel technology.

El Camino CACT has a program administrative team dedicated to project marketing, employer recruitment, needs assessments, trainer selection, and scheduling. Staff recommends the 8% support costs for this project.

High Unemployment Area

All trainees in this proposal work in a High Unemployment Area (HUA) exceeding the state average by at least 25%. Participating employers' locations in Kern, Riverside, San Bernardino,

and Ventura Counties qualify for HUA status and thus, qualify for the Standard Minimum Wage instead of the Statewide Average Hourly Wage.

➤ Wage Modification

For trainees in Job Number 2, the Panel may modify the ETP Standard Minimum Wage by up to 25% if post-retention wages exceed start-of-training wages. El Camino CACT is requesting a wage modification of 25% (from \$15.07 per hour to \$11.30 per hour).

RECOMMENDATION

Staff recommends approval of this proposal with 8% Support Costs and a wage modification of 25% for trainees in Job Number 2.

DEVELOPMENT SERVICES

N/A

ADMINISTRATIVE SERVICES

N/A

TRAINING VENDORS

Cerritos College ATTE in Norwalk and Long Beach City College ATTE in Long Beach will be providing class/lab Advanced Technology and Commercial Skills training for an amount to be determined.

Additional training vendors may be identified during the Agreement term.

Exhibit B: Menu Curriculum**AB 118 Program****Class/Lab Hours**

8 - 200 Trainees may receive any of the following:

Component No. 1 – Designed for Municipalities***Core AFV Courses*****ADVANCED TECHNOLOGY**

- Hybrid Vehicle Maintenance – For Prius, Insight, & Focus Vehicle Models
- Hybrid Vehicle Maintenance – For Escape Vehicle Models
- Advanced Engine Control Systems & Diagnostics
- CNG Conversions (Dropped Tank Safety Off the Title)
- Cummings CNG Engine/Fuel Systems – Including Engine Operation & Diagnostics, Insight Software, Cylinder Inspector Training & Fitting & Line Training

COMMERCIAL SKILLS

- Hybrid Electrical Safety – All Vehicle Models

Component No. 2 – Designed for Small & Large Fleets (Both Private and Public)***Core AFV Courses*****ADVANCED TECHNOLOGY**

- Hybrid Vehicle Maintenance – For Prius, Insight, & Focus Vehicle Models
- Hybrid Vehicle Maintenance – For Escape Vehicle Models
- Advanced Engine Control Systems & Diagnostics
- CNG Conversions (Dropped Tank Safety Off the Title)
- Electrical – Voltmeter, Schematics, Electricity Principles
- Biofuels – Preprocessing Used Cooking Oil, Feedstock Titration/Sampling, Biodiesel Washing Processes

COMMERCIAL SKILLS

- Hybrid Electrical Safety – All Vehicle Models

Ancillary Courses**COMMERCIAL SKILLS**

- Sustainability Management Systems

Component No. 3 – Designed for Small & Independent Repair Shops***Core AFV Courses*****ADVANCED TECHNOLOGY**

- Hybrid Vehicle Maintenance & Diagnostics
- Advanced Engine Control Systems & Diagnostics

COMMERCIAL SKILLS

- Hybrid Safety – All Models

Ancillary Courses**COMMERCIAL SKILLS**

- Electric Vehicle Basics

CNG (Compressed Natural Gas) Technician Training***Basic Safety Training*****COMMERCIAL SKILLS**

- Intro to CNG Vehicle Safety
- CNG Operation & Basic Maintenance
- Properties & Characteristics of Natural Gas
- CNG Fueling Equipment & Safety Practices
- Emergency Action Plan
- Correct Use of Safety Equipment
- Natural Gas Fueling Station Safety
- Natural Gas Vehicle Technology
- Safe Fueling & De-Fueling of CNG-Powered Vehicles

Fuel System Inspector Advanced Certification Training**ADVANCED TECHNOLOGY**

- Fuel System Inspection
- Properties & Characteristics of Natural Gas
- Types of Cylinders Used in Natural Gas Vehicles
- Codes & Standards Covering CNG Cylinders
- Standards Covering Valves & Pressure Relief Devices
- Cylinder Installation
- Final Disposition
- Cylinder Disposal
- Fuel System De-Fueling

Advanced Diagnostics**ADVANCED TECHNOLOGY**

- Differences Between Standard & CNG-Powered Vehicles
- Integrating Electrical Systems When Converting to CNG
- Diagnostics & Troubleshooting CNG Systems

COMMERCIAL SKILLS

- Safety Protocols

Liquefied Petroleum Gas (LPG) & Compressed Natural Gas (CNG) Fleet Operations & Use**ADVANCED TECHNOLOGY**

- LPG Vehicle Diagnostics & Troubleshooting
- Advanced LPG Engine Diagnostics
- Advanced CNG Engine Diagnostics

- CNG Cylinder Handling & Inspection
- Programmable Logic Controls

COMMERCIAL SKILLS

- Hazardous Materials Transportation & Handling
- Servicing & Maintaining LPG Systems
- LPG Fueling & Operations
- Preventive Maintenance LPG/CNG

Hybrid, Electric, Fuel Cell, & Hydrogen Vehicle System & Infrastructure Use**ADVANCED TECHNOLOGY**

- Advanced Electrical for Hybrid/Electric Vehicles
- Programmable Logic Controls
- Hydrogen Vehicle Systems Infrastructure
- Advanced Diagnostics
- Electric Vehicle System Diagnostics & Training
- Network Electronics Diagnostics and Repair
- PLC/IO Systems Diagnostics

COMMERCIAL SKILLS

- Preventive Maintenance Inspection
- Hybrid Bus Charging, Starting, Electrical Troubleshooting & Repair
- Schematic Reading – Electrical Troubleshooting & Repair
- Hybrid Component Systems Troubleshooting
- Electronic Control Systems & Troubleshooting
- Fuel Cell Systems & Troubleshooting
- Hydrogen Systems & Troubleshooting

Note: Reimbursement for retraining is capped at 200 total hours per trainee, regardless of method of delivery.

**Participating Employers in Retrainee
Multiple Employer Contracts**

Contractor's Name: El Camino CACT
Reference No: 15-0256

CCG No.: ET15-0804
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PRINT OR TYPE IN ALPHABETICAL ORDER

Company: Athens Services

Address: 14048 Valley Blvd.

City, State, Zip: La Puente, CA 91746

Collective Bargaining Agreement(s): N/A

Estimated # of employees to be retrained under this Agreement: 7

Total # of full-time company employees worldwide: 933

Total # of full-time company employees in California: 933

Company: Bay Area Rapid Transit District

Address: 300 Lakeside Drive, 14th Floor

City, State, Zip: Oakland, CA 94612

Collective Bargaining Agreement(s): BART Chapter SEIU, Local 1021

Estimated # of employees to be retrained under this Agreement: 15

Total # of full-time company employees worldwide: 3,060

Total # of full-time company employees in California: 3,060

Company: City of Anaheim

Address: 955 S. Melrose, MS #19

City, State, Zip: Anaheim, CA 92805

Collective Bargaining Agreement(s): Anaheim Municipal Employees Association (AMEA)

Estimated # of employees to be retrained under this Agreement: 2

Total # of full-time company employees worldwide: 1,922

Total # of full-time company employees in California: 1,922

Company: City of Long Beach Fleet Services

Address: 2600 Temple Ave.

City, State, Zip: Long Beach, CA 90806

Collective Bargaining Agreement(s): Int'l Association of Machinists and Aerospace Workers, District Lodge 947

Estimated # of employees to be retrained under this Agreement: 4

Total # of full-time company employees worldwide: 117

Total # of full-time company employees in California: 117

**Participating Employers in Retrainee
Multiple Employer Contracts**

Contractor's Name: El Camino CACT

CCG No.: ET15-0804

Reference No: 15-0256

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Company: City of Whittier

Address: 13230 Penn St.

City, State, Zip: Whittier, CA 90602

Collective Bargaining Agreement(s): N/A

Estimated # of employees to be retrained under this Agreement: 1

Total # of full-time company employees worldwide: 389

Total # of full-time company employees in California: 389

Company: Complete Coach Works

Address: 1863 Service Court

City, State, Zip: Riverside, CA 92507

Collective Bargaining Agreement(s): N/A

Estimated # of employees to be retrained under this Agreement: 7

Total # of full-time company employees worldwide: 252

Total # of full-time company employees in California: 155

Company: Gold Coast Transit

Address: 301 E. Third St.

City, State, Zip: Oxnard, CA 93030

Collective Bargaining Agreement(s): SEIU 721

Estimated # of employees to be retrained under this Agreement: 3

Total # of full-time company employees worldwide: 166

Total # of full-time company employees in California: 166

Company: Long Beach Transit

Address: 1963 E. Anaheim St.

City, State, Zip: Long Beach, CA 90813

Collective Bargaining Agreement(s): Amalgamated Transit Union (ATU) Local 1277

Estimated # of employees to be retrained under this Agreement: 10

Total # of full-time company employees worldwide: 750

Total # of full-time company employees in California: 750

Company: Los Angeles Unified School District

**Participating Employers in Retrainee
Multiple Employer Contracts**

Contractor's Name: El Camino CACT

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Reference No: 15-0256

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Address: 115 N. Beaudry Ave.

City, State, Zip: Los Angeles, CA 90012

Collective Bargaining Agreement(s): SEIU Local 99

Estimated # of employees to be retrained under this Agreement: 8

Total # of full-time company employees worldwide: 226

Total # of full-time company employees in California: 226

Company: MV Transportation

Address: 4620 Westamerica Dr.

City, State, Zip: Fairfield, CA 94534

Collective Bargaining Agreement(s): Teamsters, Local 186

Estimated # of employees to be retrained under this Agreement: 10

Total # of full-time company employees worldwide: 15,961

Total # of full-time company employees in California: 5,257

Company: Omnitrans

Address: 1700 W. 5th St.

City, State, Zip: San Bernardino, CA 92411

Collective Bargaining Agreement(s): Teamsters, Local 166

Estimated # of employees to be retrained under this Agreement: 7

Total # of full-time company employees worldwide: 650

Total # of full-time company employees in California: 650

Company: Orange County Sanitation District

Address: 10844 Ellis Ave.

City, State, Zip: Fountain Valley, CA 92708-7018

Collective Bargaining Agreement(s): International Union of Operating Engineers, Local 501

Estimated # of employees to be retrained under this Agreement: 2

Total # of full-time company employees worldwide: 641

Total # of full-time company employees in California: 641

Company: Orange County Transportation Authority

Address: 550 S. Main St.

**Participating Employers in Retrainee
Multiple Employer Contracts**

Contractor's Name: El Camino CACT

CCG No.: ET15-0804

Reference No: 15-0256

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City, State, Zip: Orange, CA 92863

Collective Bargaining Agreement(s): Teamsters, Local 952

Estimated # of employees to be retrained under this Agreement: 1

Total # of full-time company employees worldwide: 1,501

Total # of full-time company employees in California: 1,501

Company: Veolia Transportation Services, Inc.

Address: 1611 Naud St.

City, State, Zip: Los Angeles, CA 90012

Collective Bargaining Agreement(s): N/A

Estimated # of employees to be retrained under this Agreement: 7

Total # of full-time company employees worldwide: 22,000

Total # of full-time company employees in California: 6,500