

BOARD MEETING DATE: October 5, 2018

AGENDA NO. 7

PROPOSAL: Amend Contract to Implement DC Fast Charging Network

SYNOPSIS: In September 2013 and November 2014, the Board recognized CEC grant revenue for the South Coast Air Basin's DC fast charging network and awarded a contract to Clean Fuel Connection, Inc., (CFCI) to install the fast chargers. This project has experienced numerous delays due to changes in the partners and the number and locations of the chargers. While the installation of the ten chargers was scheduled to be completed by July 1, 2018, CEC issued a stop work order on June 19, 2018, and reversed a previous agreement to fund installation costs. This action is to amend the contract with CFCI to make up for the CEC shortfall in an amount up to \$350,000 from the Clean Fuels Program Fund (31).

COMMITTEE: Technology, September 21, 2018; Recommended for Approval

RECOMMENDED ACTION:

Amend a contract with Clean Fuel Connection, Inc., substituting up to \$350,000 in CEC funds for Clean Fuels Program funds (Fund 31).

Wayne Nastri
Executive Officer

MMM:FM:NB:PSK

Background

In September 2013, the Board recognized \$300,000 in CEC grant revenue into the Clean Fuels Program Fund (31) to establish the South Coast Air Basin's DC fast charging network. The CEC revenue would be used to cover installation costs of chargers to be donated by Nissan. An RFP (#P2014-04) was released to retain a DC fast charging network provider. In December 2013, the Board awarded a contract to Clean Fuel Connection, Inc., (CFCI), a local, woman-owned small business, as the DC fast charging network provider. Unfortunately, due to the adoption of a new connector standard for fast chargers, the project could no longer utilize the Nissan chargers.

Consequently, CEC awarded an additional \$420,000 in grant revenue, which the Board recognized in November 2014, to pay for hardware in addition to the original installation funding.

Since the CEC award in 2013, there has been greater awareness of the costs and challenges required to deploy fast charging infrastructure and an increase in hardware and installation costs for DC fast chargers having both CHAdeMO and CCS (Combined Charging System) connectors. This project has experienced numerous delays due to changes in partners, as well as the number and locations of the chargers. While the installation of ten chargers was scheduled to be completed by July 1, 2018, CEC issued a stop work order on June 19, 2018, despite a previous agreement to fund the chargers and installation costs. CFCI, however, had already purchased the ten chargers as well as incurred significant expenses for installation of the chargers, which was performed by one of CFCI's subcontractors, another local small business. Since the stop work order was issued at such a late date and most of the chargers were already installed, staff attempted to persuade CEC to move forward with an amended agreement, which would have included the cost of the ten chargers and installation, but was unsuccessful.

Proposal

Staff recommends completing the installation of the ten chargers since the infrastructure will be beneficial for the region. This action is to amend the contract with Clean Fuel Connection, Inc., substituting up to \$350,000 in CEC funds for Clean Fuels Program funds (Fund 31). The locations of the chargers will be in Los Angeles and San Bernardino counties, including one at SCAQMD headquarters.

Benefits to SCAQMD

The DC fast charging network will advance the state of PEV readiness in California by creating a viable public fast charging network that will be accessible, convenient, and affordable for PEV drivers. It will support fast charging for all PEVs as it includes both major connector standards for light-duty vehicles. The scope of this project is identified as a technical priority in the *Technology Advancement Office Clean Fuels Program 2018 Plan* under "Electric/Hybrid Technologies & Infrastructure."

Resource Impacts

The revised total cost for the DC fast charging network is estimated at \$1,310,000, broken down as follows:

Proposed Partner Cost-Share

Project Partner	Original Funding	Percent	Revised Funding	Percent
CFCI/eVgo	\$503,000	38	\$503,000	38
SCAQMD (match)*	97,000	7	97,000	7
SCAQMD (<i>requested</i>)			350,000	27
CEC	720,000	55	360,000	28
Total	\$1,320,000	100	\$1,310,000	100

*SCAQMD match share includes staff time and an education outreach consultant from the Clean Fuels Program Fund (31).

Sufficient funds are available from the Clean Fuels Program Fund (31), established as a special revenue fund resulting from the state-mandated Clean Fuels Program. The Clean Fuels Program, under Health and Safety Code Sections 40448.5 and 40512 and Vehicle Code Section 9250.11, establishes mechanisms to collect revenues from mobile sources to support projects to increase the utilization of clean fuels, including the development of the necessary advanced enabling technologies. Funds collected from motor vehicles are restricted, by statute, to be used for projects and program activities related to mobile sources that support the objectives of the Clean Fuels Program.