

BOARD MEETING DATE: September 2, 2016

AGENDA NO. 3

PROPOSAL: Recognize and Appropriate Funds and Execute Contract for EV Charger Installation Services at SCAQMD Headquarters 

SYNOPSIS: In May 2016, following an RFP process, the Board approved a \$620,703 contract with EV Connect for EV charger installation services to upgrade and expand EV charging infrastructure at SCAQMD headquarters. Subsequently, EV Connect informed SCAQMD that they no longer install charging infrastructure. Staff recommends awarding the contract to the next highest-scored proposer, Clean Fuel Connection Inc. (CFCI). Since CFCI's bid amount was higher, these actions are to recognize and appropriate an additional \$184,516 (for a total of \$805,219) from the Clean Fuels Fund (31) into Science & Technology Advancement's FY 2016-17 Budget and execute a contract with CFCI for installation services in an amount not to exceed \$805,219.

COMMITTEE: Technology, July 22, 2016; Recommended for Approval

RECOMMENDED ACTIONS:

1. Recognize an additional \$184,516 (for a total of \$805,219) from the Clean Fuels Fund (31) into the General Fund and appropriate \$184,516 (for a total of \$805,219) to Science & Technology Advancement's FY 2016-17 Budget (Org 49), Capital Outlays Major Object and;
2. Authorize the Chairman to execute a contract with Clean Fuel Connection Inc. for EV charger installation services at SCAQMD headquarters in an amount not to exceed \$805,219 from Science & Technology Advancement's FY 2016-17 Budget (Org 49), Capital Outlays Major Object.

Wayne Nastri
Acting Executive Officer

Background

In May 2016, following an RFP process, the Board approved a \$620,703 contract with EV Connect for EV charger installation services to upgrade and expand EV charging infrastructure at SCAQMD headquarters. Subsequently, EV Connect informed SCAQMD that they no longer install charging infrastructure. Staff recommends awarding the contract to the next highest-scored proposer, Clean Fuel Connection Inc. (CFCI).

Proposal

Since CFCI’s bid amount was higher than EV Connect’s bid, these actions are to recognize and appropriate an additional \$184,516 (for a total of \$805,219) from the Clean Fuels Fund (31) into Science & Technology Advancement’s FY 2016-17 Budget and execute a contract with CFCI to install EV charging infrastructure at SCAQMD headquarters. CFCI obtained bids from three of its electrical installation subcontractors, all of whom had performed previous work for CFCI at comparable large commercial installations, the lowest qualified bidder was selected.

CFCI will install the required infrastructure for up to 110 electric charging stations at SCAQMD Headquarters pursuant to the permit pending approval by the City of Diamond Bar. The permit requires compliance with state ADA accessibility guidelines and city building requirements. The charging stations will be installed in multiple areas of the parking lot, including parking areas near CC8, the front lobby, solar carport and the upper and lower parking decks. CFCI will undertake these tasks while working closely with SCAQMD staff and other companies providing EV hardware, engineering or ancillary services. Phasing of work will be determined by SCAQMD and CFCI to minimize facility disruption and maximize availability of EV chargers for existing users. At times, concurrent site preparation work may need to occur.

The proposed schedule for installation of required EV charging infrastructure at SCAQMD is as follows (subject to change due to construction or other delays):

Date	Event
September 2016	Board Approval
September 2016	Anticipated Contract Execution
September–December 2016	Construction (in phases)
December 2016	Final Permit Sign-off by City

Benefits to SCAQMD

This project will provide additional workplace charging and act as a model for large workplaces to encourage deployment of plug-in electric vehicles (PEVs), showcase electric vehicle supply equipment (EVSE) technologies and create a viable workplace charging network that will be accessible, convenient and affordable for PEV drivers working at, or visiting, SCAQMD headquarters. In addition, SCAQMD will develop a best practices document for EVSE siting, installation, utilization, cost recovery, demand

response and energy management from this project. This will encourage more workplace charging while reducing overall electricity costs to support the California PEV market. This project also complements installation of the hydrogen station and upgrade of the CNG station at SCAQMD headquarters, promoting the use of alternative fuel infrastructure. The scope of this project is identified as a technical priority in the *Technology Advancement Office Clean Fuels Program 2016 Plan Update* under “Electric/Hybrid Technologies and Infrastructure”.

Resource Impacts

An additional \$184,516 (for a total of \$805,219) will be recognized and appropriated from the Clean Fuels Fund (31) into Science & Technology Advancement’s FY 2016-17 Budget (Org 49), Capital Outlays Major Object, Capital Outlays Account. The contract with CFCI will not exceed \$805,219.

Sufficient funds are available from the Clean Fuels 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.