

BOARD MEETING DATE: January 10, 2025

AGENDA NO. 3

PROPOSAL: Transfer and Appropriate Funds, Recognize Revenue, and Execute Contract for EV Charger Installation Services at South Coast AQMD Headquarters

SYNOPSIS: In August 2024, the Board approved the release of an RFP to replace the EV charging infrastructure at South Coast AQMD headquarters. In October 2024, CALSTART, Inc. (CALSTART) awarded South Coast AQMD \$70,000 under the Communities in Charge grant to replace up to 28 EV chargers at its headquarters. These actions are to: 1) transfer and appropriate \$723,248 from the Clean Fuels Program Fund (31) into Technology Advancement Office's FY 2024-25 Budget; 2) recognize revenue, upon receipt, up to \$70,000 awarded from CALSTART into the Clean Fuels Program Fund (31); and 3) execute a contract with GreenWealth Energy Solutions, Inc. for EV hardware and software installation and maintenance at South Coast AQMD headquarters for up to \$723,248 from Technology Advancement Office's FY 2024-25 Budget.

COMMITTEE: Technology, December 20, 2024; Recommended for Approval

RECOMMENDED ACTIONS:

1. Transfer \$723,248 from the Clean Fuels Fund (31) into the General Fund and appropriate \$723,248 to the Technology Advancement Office's FY 2024-25 Budget, Capital Outlays Major Object, Capital Outlays Account;
2. Recognize revenue, upon receipt, up to \$70,000 from CALSTART, Inc. into the Clean Fuels Program Fund (31); and
3. Authorize the Executive Officer to execute a contract with GreenWealth Energy Solutions, Inc. (GreenWealth) for EV hardware and software installation and maintenance at South Coast AQMD headquarters in an amount not to exceed \$723,248 from Technology Advancement Office's FY 2024-25 Budget, Capital Outlays Major Object, Capital Outlays Account.

Wayne Nastri
Executive Officer

Background

South Coast AQMD headquarters' electric vehicle supply equipment (EVSE), provides Level 2 charging for up to 94 vehicles. The publicly accessible charging infrastructure was installed between 2011 and 2017 using Department of Energy (DOE) and California Energy Commission (CEC) grants and the Clean Fuels Fund. All chargers are no longer covered by warranty, and many faulty and nonfunctional chargers are over ten years old and repairs are not feasible. To meet current and future EV charging needs for staff and the public, replacing 55 EVSE units with a total of 94 charging plugs is necessary. Replacing these EVSE units will also enable the charging network to be monitored remotely along with improving energy management capabilities.

In August 2024, the Board released RFP #P2024-13 to solicit proposals to replace the EV charging infrastructure at South Coast AQMD headquarters. Of the six proposals received, two proposals were qualified to be considered for this solicitation and are shown in Table 1.

In October 2024, South Coast AQMD was awarded \$70,000 from the Communities in Charge Program under CALSTART, Inc. (CALSTART) and in collaboration with CEC to replace EV chargers on existing infrastructure at South Coast AQMD headquarters. The Communities in Charge Program is California's market-accelerating, light-duty electric vehicle infrastructure incentive project funded by CEC, implemented by CALSTART and supported by Grid Alternatives and Tetra Tech, Inc. The Communities in Charge Program is designed to swiftly deploy Level 2 EV chargers.

Outreach

In accordance with South Coast AQMD's Procurement Policy and Procedure, a public notice advertising the RFP and inviting bids was published in the Los Angeles Times, the Orange County Register, the San Bernardino Sun, and Riverside County Press Enterprise newspapers.

Additionally, potential bidders were notified utilizing South Coast AQMD's electronic listing of certified minority vendors. Notice of the RFP was mailed to the Black and Latino Legislative Caucuses and various minority chambers of commerce and business associations and placed on South Coast AQMD's website (<http://www.aqmd.gov>).

Bid Evaluation

The mandatory bidders' conference and site walk held at South Coast AQMD headquarters were attended by 21 participants representing 16 companies. Subsequently, in response to the RFP, a total of six proposals were submitted by companies that had participated in the mandatory bidders' conference. The proposals were reviewed by a three-member panel in accordance with established South Coast AQMD guidelines outlined in the RFP. The three-member panel was composed of two South Coast AQMD Program Supervisors and one Manager.

Four of the six proposals did not meet the minimum requirements and were not scored. The remaining two proposals were further evaluated and scored by the review panel and are listed in Table 1.

Table 1: Eligible EVSE Proposals and Scores

Name	Qualifying Score	Additional Score*	Total Points
GreenWealth Energy Solutions, Inc.	91.7	15	106.7
Verdek, LLC	83.3	0	83.3

*Additional points awarded to businesses that have provided self-certification verification as defined in the RFP.

Proposal

These actions are to: (1) transfer \$723,248 from the Clean Fuels Fund (31) into the General Fund and appropriate \$723,248 to the Technology Advancement Office’s FY 2024-25 Budget, Capital Outlays Major Object, Capital Outlays Account; (2) recognize the Communities in Charge grant award of \$70,000 from CALSTART; and (3) execute a contract with GreenWealth Energy Solutions, Inc. (GreenWealth) for EV hardware and software installation and maintenance at South Coast AQMD headquarters. The contract with GreenWealth shall not exceed \$723,248 to provide EV hardware, data communications equipment, EV hardware services, and replacement of existing EV chargers.

Under the contract, GreenWealth will replace 55 Level 2 charging stations, consisting of 16 single port and 39 dual port chargers with port locking mechanism at the charger, on a like-for-like basis and recycle the old equipment. GreenWealth will also upgrade the data communications equipment at South Coast AQMD headquarters and provide South Coast AQMD staff with an online dashboard and network control capabilities. The pricing for EV charging stations and services includes a seven-year warranty with seven years of onsite service support, software cloud subscription, power management capabilities, installation support, and real-time dashboard access. GreenWealth will assist South Coast AQMD in establishing desirable power management schedules to reduce electricity costs and provide technical support.

Benefits to South Coast AQMD

This project will provide a new, upgraded, reliable charging network, support the adoption of electric vehicles, showcase EVSE technologies, and improve the EV charging network accessibility, convenience, and affordability for EV drivers working at or visiting South Coast AQMD’s headquarters. Further, the upgraded EVSE software and network communications capabilities will allow for improved quality assurance, quicker troubleshooting and repairs, and real-time monitoring of the EV charging network.

Resource Impacts

The contract with GreenWealth shall not exceed \$723,248 to provide for EV hardware and software installation and maintenance. Sufficient funds are available from the Clean Fuels Program Fund (31). The Clean Fuels Program Fund (31) was 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 9250.1, establishes mechanisms to collect revenues from mobile sources to support projects to increase the utilization of clean fuels. 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.

Upon transfer of \$723,248 from the Clean Fuels Fund (31) to the General Fund, sufficient funds will be available in the Technology Advancement Office's FY 2024-25 Budget for the contract with GreenWealth. Up to \$70,000 awarded by CALSTART in collaboration with CEC from the Communities in Charge grant to South Coast AQMD to replace EV chargers at its headquarters will be used towards the contract with GreenWealth.