

BOARD MEETING DATE: September 2, 2022

AGENDA NO. 7

PROPOSAL: Amend Contract for Joint Electric Truck Scaling Initiative Pilot Project

SYNOPSIS: In June 2021, the Board approved the execution of several contracts for the CARB and CEC awarded Joint Electric Truck Scaling Initiative (JETSII) Pilot Project, including a contract with Gladstein, Neandross and Associates to develop the ZEV workplan. The JETSII Pilot Project will deploy 100 Daimler and Volvo Class 8 battery electric trucks, charging infrastructure, and distributed energy resource technologies at two fleets in disadvantaged communities. Due to the large number of project partners and strict reporting requirements to submit quarterly progress reports within 10 days of the end of each quarter, CARB has approved the reallocation of \$220,000 in South Coast AQMD administrative funds for project reporting. This action is to amend the contract with Gladstein, Neandross and Associates, adding \$220,000 in CARB grant funds from the GHG Reduction Projects Special Revenue Fund (67) for project reporting.

COMMITTEE: Technology, August 19, 2022; Recommended for Approval

RECOMMENDED ACTION:

Authorize the Executive Officer to amend a contract with Gladstein, Neandross and Associates for JETSII Pilot Project reporting adding \$220,000 from the GHG Reduction Projects Special Revenue Fund (67).

Wayne Natri
Executive Officer

AK:PSK

Background

In June 2021, the Board approved the execution of several contracts for the CARB and CEC awarded Joint Electric Truck Scaling Initiative (JETSII) Pilot Project, including a contract with Gladstein, Neandross and Associates to develop the ZEV workplan. The JETSII Pilot Project will deploy 100 Daimler and Volvo Class 8 battery electric trucks,

charging infrastructure, and distributed energy resource technologies at two fleets in disadvantaged communities. South Coast AQMD was awarded \$16,019,316 in CARB funds and \$10,964,955 in CEC Funds for the JETSI Pilot Project. South Coast AQMD is leading a regional collaborative with the Mobile Source Air Pollution Reduction Review Committee, Southern California Edison, Port of Los Angeles, and Port of Long Beach. These partners provide a cost share of \$21.4 million in addition to \$25.4 million in cost share from fleet partners. This project will significantly advance the market penetration of Class 8 battery electric trucks through at-scale production of Daimler and Volvo trucks. The project also includes an existing contract with Gladstein, Neandross and Associates (GNA) to develop the ZEV workforce plan.

Proposal

Due to the large number of project partners and strict reporting requirements to submit quarterly progress reports within 10 days of the end of each quarter, CARB has approved the reallocation of \$220,000 in South Coast AQMD administrative funds for project reporting. This action is to amend the existing contract with GNA to add \$220,000 for JETSI Pilot Project reporting, in addition to the ZEV workforce plan, from the GHG Reduction Projects Special Revenue Fund (67).

Benefits to South Coast AQMD

The JETSI Pilot Project supports development and demonstration of various electric container and freight transport technologies and infrastructure, as well as solar and energy storage technologies to enable development and demonstration of microgrids for fleets charging heavy-duty trucks, yard tractors, and forklifts. These technologies are included in the *Technology Advancement Office Clean Fuels Program 2022 Plan Update* under the categories of “Develop and Demonstrate Electric and Hybrid Vehicles,” “Develop and Demonstrate Electric Container Transport Technologies,” “Develop and Demonstrate Electric Charging Infrastructure,” and “Develop and Demonstrate Microgrids with Photovoltaic/Fuel Cell/Battery Storage/EV Chargers and Energy Management.” These projects are to develop and demonstrate zero-emission heavy-duty trucks, freight handling equipment, infrastructure, and solar. Successful demonstrations of such projects will contribute to the attainment of national ambient air quality standards in the Basin by eliminating PM and NOx emissions from replaced diesel heavy-duty trucks and off-road freight handling equipment. The JETSI Pilot Project also includes installation of infrastructure powered by solar and energy storage.

Resource Impacts

This contract amendment will be fully covered by CARB administrative funds for the JETSI Pilot Project in the GHG Reduction Projects Special Revenue Fund (67).