

BOARD MEETING DATE: November 5, 2021

AGENDA NO. 30

REPORT: Technology Committee

SYNOPSIS: The Technology Committee held a meeting remotely on Friday, October 15, 2021. The following is a summary of the meeting.

RECOMMENDED ACTION:  
Receive and file.

Carlos Rodriguez, Acting Chair  
Technology Committee

MMM:psc

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### **Committee Members**

**Present:** Board Member Gideon Kracov  
Vice Mayor Rex Richardson  
Mayor Pro Tem Carlos Rodriguez

**Absent:** Council Member Joe Buscaino/Chair  
Supervisor Lisa Bartlett  
Mayor Pro Tem Larry McCallon

### **Call to Order**

Acting Chair Rodriguez called the meeting to order at 12:00 p.m.

### **ACTION ITEMS:**

- 1. Execute a Contract to Install and Maintain Air Filtration Systems at School**  
In December 2019, the Board recognized up to \$45,000 from the General Fund to Air Filtration Fund (75) to execute a contract to install and maintain air filtration systems as part of a settlement with the State of California. The consent decree required ten years of filter replacements and identifying a small school in an Environmental Justice community within a 10-mile radius of South Coast AQMD headquarters. This action is to authorize the Chairman to execute a contract with Los Angeles Unified School District for installation and maintenance of air filtration

systems at school(s) in an amount not to exceed \$45,000 from Air Filtration Fund (75).

**2. Amend Truck Trade Up Dealer Agreements**

In April 2020, the Board approved implementation of a Truck Trade Up Program authorizing the Executive Officer to execute agreements and/or approve vouchers with truck dealers using \$2,106,405 FY 19 U.S. EPA Diesel Emissions Reduction Act funds. This action is to amend the dealer agreements to allow for documented repair costs.

**3. Amend Contract for Renewable Natural Gas Infrastructure Project**

In March 2021, the Board approved a contract amendment for Kore Infrastructure, LLC for a Renewable Natural Gas Commercial Field Test project, including construction of a pyrolysis system on Southern California Gas Company property in Los Angeles. This action is to amend the contract with Kore Infrastructure, LLC to extend the term to complete all tasks including testing and reporting by June 30, 2022.

**4. Execute Contract to Conduct Inland Port Feasibility**

In February 2019, South Coast AQMD, San Joaquin Valley Air Pollution Control District, Ports of Los Angeles and Long Beach, and other stakeholders co-funded the first phase of the California Inland Port Feasibility Study. This action is to execute a contract with Fresno Council of Governments in an amount not to exceed \$37,500 from the Clean Fuels Program Fund (31) to support the second phase of the California Inland Port Feasibility Study.

Vice Mayor Richardson commented that he does not have a financial interest or conflict of interest but is required to identify for the record that he is the Vice Mayor for the City of Long Beach, which is involved in this item.

Items #1 through #4 were moved by Kracov as consent items, seconded by Richardson and unanimously approved.

Moved by Kracov; seconded by Richardson; unanimously approved.

Ayes: Kracov, Richardson, Rodriquez  
Noes: None  
Absent: Bartlett, Buscaino, McCallon

**5. Amend Contract for Emission Testing for Near-Zero Emission Opposed Piston Engine**

In October 2017, CALSTART, Inc. and Achates Power, Inc. were awarded \$7 million under CARB’s Low Carbon Transportation Greenhouse Gas Reduction Fund Investments (GGRF) to develop and demonstrate opposed piston engine technology. CARB proposes to reallocate previously recognized unused GGRF funds of \$618,070 from the Zero Emission Drayage Truck Project for emissions testing on the opposed piston engine. This action is to amend a contract with CALSTART in an amount up to \$1,118,070 consisting of \$618,070 from the Zero Emission Drayage Truck Project from the Greenhouse Gas Reduction Projects Special Revenue Fund (67) and up to \$500,000 from the Clean Fuels Fund (31) for emissions testing of the opposed piston engine, contingent upon CARB approval.

Board Member Kracov commented that he does not have a financial interest or conflict of interest but is required to identify for the record that he is a Board Member for CARB, which is involved in this item.

Moved by Richardson; seconded by Kracov; unanimously approved.

Ayes: Kracov, Richardson, Rodriquez

Noes: None

Absent: Bartlett, Buscaino, McCallon

**6. Allocate Funds to Assist Small Fleets under Voucher Incentive Program and Recognize Revenue, Approve Vouchers and Reimburse General Fund for Enhanced Fleet Modernization Program**

Due to manufacturing delays, small fleets applying under the Voucher Incentive Program (VIP) are experiencing longer delivery schedules for their new low NOx trucks. Under the current VIP funding source, small fleets are being required to scrap their existing trucks by the end of this calendar year and receive their new low NOx or cleaner truck by June 30, 2022. CARB has allocated \$8.33 million to South Coast AQMD for FY 2021-22 for the continued implementation of the Enhanced Fleet Modernization Program (EFMP) – Replace Your Ride Program. This action is to 1) allocate funds up to \$850,000 from the Clean Fuels Program Fund (31) to assist small fleets in purchasing and delivery of their new low NOx trucks under VIP; 2) recognize revenue, upon receipt, up to \$8.33 million from CARB for the EFMP; 3) approve vouchers and other alternative mobility options until all available funds are exhausted; and 4) reimburse the General Fund up to \$833,333.33 from the HEROS II Special Revenue Fund (56) for EFMP administrative costs.

Board Member Kracov commented that he does not have a financial interest or conflict of interest but is required to identify for the record that he is a Board Member for CARB, which is involved in this item.

Chair Rodriguez commented that this is a creative solution to a problem that could have resulted in a financial hardship to many small businesses who want to transition to a cleaner truck. Based on feedback from several small trucking companies, he supports this action.

Moved by Richardson; seconded by Kracov; unanimously approved.

Ayes: Kracov, Richardson, Rodriguez  
Noes: None  
Absent: Bartlett, Buscaino, McCallon

### **OTHER MATTERS:**

#### **7. Other Business**

There was no other business to report.

#### **8. Public Comment Period**

Ranji George, a member of the public, requested the committee consider more emphasis for zero emission technologies particularly with building more infrastructure for the consumer.

Chair Rodriguez commented we remain committed to looking at as many options as possible to address our goals. As an active member of the California Fuel Cell Partnership, which is an industry/government collaboration working to expanding the market for fuel cell electric vehicles, powered by hydrogen to help create a cleaner more energy future with no compromise zero emission vehicles. We look forward to bringing back any opportunities that we can apply at South Coast AQMD.

#### **9. Next Meeting Date**

The next regular Technology Committee meeting is scheduled for Friday, November 19, 2021 at noon.

#### **Adjournment**

The meeting adjourned at 12:23 p.m.

#### **Attachment**

Attendance Record

**ATTACHMENT**

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
TECHNOLOGY COMMITTEE MEETING  
Attendance Record – October 15, 2021**

Board Member Kracov .....	South Coast AQMD Board Member
Vice Mayor Rex Richardson .....	South Coast AQMD Board Member
Mayor Pro Tem Carlos Rodriguez .....	South Coast AQMD Board Member
Matt Hamlett.....	Board Consultant (Richardson)
Matt Holder .....	Board Consultant (Rodriguez)
Debra Mendelsohn .....	Board Consultant (Rutherford)
Ross Zelen .....	Board Consultant (Kracov)
Mark Abramowitz .....	Public Member
Ranji George.....	Public Member
Beth Quiambao.....	SCE
Derrick Alatorre .....	South Coast AQMD Staff
Phil Barroca.....	South Coast AQMD Staff
Sam Cao .....	South Coast AQMD Staff
Penny Shaw Cedillo .....	South Coast AQMD Staff
Philip Crabbe.....	South Coast AQMD Staff
Joyce Iledan.....	South Coast AQMD Staff
Maryam Hajbabaei .....	South Coast AQMD Staff
Anissa Heard-Johnson.....	South Coast AQMD Staff
Aaron Katzenstein .....	South Coast AQMD Staff
Christina Kusnandar .....	South Coast AQMD Staff
Patricia Kwon.....	South Coast AQMD Staff
Ricky Lai .....	South Coast AQMD Staff
Tom Lee .....	South Coast AQMD Staff
Joseph Lopat.....	South Coast AQMD Staff
Ian MacMillan .....	South Coast AQMD Staff
Karin Manwaring .....	South Coast AQMD Staff
Ron Moskowitz .....	South Coast AQMD Staff
Matt Miyasato.....	South Coast AQMD Staff
Wayne Nastri.....	South Coast AQMD Staff
Ashkaan Nikravan .....	South Coast AQMD Staff
Sarah Rees .....	South Coast AQMD Staff
Nicholas Sanchez .....	South Coast AQMD Staff
Walter Shen .....	South Coast AQMD Staff
Lisa Tanaka .....	South Coast AQMD Staff
Veera Tyagi .....	South Coast AQMD Staff
Alex Vega.....	South Coast AQMD Staff
Donna Vernon .....	South Coast AQMD Staff
Vicki White .....	South Coast AQMD Staff
Fan Xu .....	South Coast AQMD Staff