

BOARD MEETING DATE: July 6, 2018

AGENDA NO. 22

REPORT: Technology Committee

SYNOPSIS: The Technology Committee held a meeting on Friday, June 15, 2018. The following is a summary of the meeting.

RECOMMENDED ACTION:
Receive and file.

Joe Buscaino, Chair
Technology Committee

MMM:pmk

Committee Members

Present: Council Member Joe Buscaino/Chair (videoconference), Mayor Larry McCallon, Mayor Pro Tem Judith Mitchell, Council Member Dwight Robinson, Supervisor Janice Rutherford (teleconference) and Supervisor Hilda L. Solis (videoconference)

Absent: None

Call to Order

Mayor Pro Tem Mitchell called the meeting to order at 12:04 p.m. for Chair Buscaino, who joined the meeting at 12:12 pm.

ACTION ITEMS:

1. Execute and Amend Contracts for Technical Assistance for Advanced, Low and Zero Emission Mobile and Stationary Source Technologies and Implementation of Incentive Programs

On February 2, 2018, the Board approved the release of an RFQ to solicit proposals to provide technical assistance, implementation and outreach support for advanced, low and zero emissions technologies for the Clean Fuels Program and various incentive funding programs. Sixteen proposals were received in response to the solicitation. These actions are to execute or amend contracts with 11 technical experts to provide technical

assistance and outreach support in an amount not to exceed \$2,810,000, comprised of \$810,000 from the Clean Fuels Program Fund (31), \$450,000 from the Carl Moyer Program AB 923 Fund (80), \$375,000 from the Community Air Protection AB 134 Fund (77) and \$1,175,000 from the HEROS II Special Revenue Fund (56). Funding from the Carl Moyer AB 923, AB 134 and HEROS II special revenue funds will be from the administrative portion of those funds.

Supervisor Solis asked about the qualifications of the Foundation for California Community Colleges (FCCC), Liberty Hill Foundation, and UC California, Riverside. Staff explained the unique qualifications of all three entities and their contributions to SCAQMD's demonstration and incentive funding programs. At the Supervisor's request staff will provide additional information regarding FCCC's previous work with SCAQMD including their outreach. Staff will evaluate the performance of future events we hold and inform the committee.

Moved by Robinson; seconded by Solis; unanimously approved.

Ayes: Buscaino, McCallon, Mitchell, Robinson, Rutherford and Solis
Noes: None
Absent: None

2. Recognize Revenue from Participating Members of California Natural Gas Vehicle Partnership, Transfer Funds for SCAQMD's Membership, and Approve Budget and Expenditures for Activities and Projects during FYs 2018-19 and 2019-20

The Board established the California Natural Gas Vehicle Partnership (CNGVP) to promote greater deployment of natural gas vehicles in California. To fund program administration, activities and projects, and achieve the goals of the CNGVP, the Voting Members of the Steering Committee pay dues for a two-year membership while Associate Members participate through in-kind contributions. These actions are to: 1) recognize revenue from participating and future CNGVP Members; 2) transfer \$25,000 from the Clean Fuels Program Fund (31) into the Natural Gas Vehicle Partnership Fund (40) for SCAQMD's two-year membership for FYs 2018-19 and 2019-20; 3) approve the FYs 2018-19 and 2019-20 CNGVP Budget; and 4) authorize the Executive Officer to approve individual expenditures, as approved by the CNGVP, for FYs 2018-19 and 2019-20 up to \$75,000 but not to exceed \$225,000 for each fiscal year.

Supervisor Rutherford recused herself due to a campaign contribution from CR&R Inc. Council Member Robinson disclosed that he does not have a financial interest but is required to identify for the record that he is a member (representing SCAQMD) of the CNGVP which is involved in the item.

Moved by Mitchell; seconded by Solis; unanimously approved.

Ayes: Buscaino, McCallon, Mitchell, Robinson and Solis

Noes: None

Abstain: Rutherford

Absent: None

3. Recognize and Transfer Revenue and Execute Contract to Develop and Demonstrate Zero Emission Trucks and EV Infrastructure

SCAQMD fosters development and demonstration of zero emission goods movement technologies. Daimler Trucks North America LLC (DTNA) proposes to develop 20 heavy-duty electric trucks with EV infrastructure that includes energy storage systems to demonstrate the trucks in real-world commercial fleet operations in and around environmental justice communities. These actions are to recognize revenue up to \$2,000,000 from the San Pedro Bay Ports and transfer up to \$4,440,000 from the State Emissions Mitigation Fund (39) and \$11,230,072 from the Clean Fuels Program Fund (31) into the Advanced Technology Goods Movement Fund (61). Of the \$11,230,072, up to \$2,000,000 is for a temporary loan pending receipt of the Ports' cofunding and \$9,230,072 is for SCAQMD's cost-share for the project. Staff is actively seeking additional cofunding; if realized, SCAQMD's cost-share may decrease, subject to Board consideration. This action is to also execute a contract with DTNA to develop and demonstrate 20 heavy-duty electric trucks and EV infrastructure in an amount not to exceed \$15,670,072 from the Advanced Technology Goods Movement Fund (61).

Council Member Buscaino fully supported the proposal which helps to implement the port's Clean Air Action Plan for zero emission ports, and requested that Technology Committee members attend any public launch events.

Mayor Pro Tem Mitchell asked about the State Emission Mitigation Fund and the role that the recently approved VW Settlement Funds would have for this type of project. Staff explained that the state provided \$30M to fund projects to mitigate emissions from peaker power plant generation. Staff further explained that incentive funds like the VW Settlement would be used to lower the cost of the vehicles upon commercial availability.

Mayor McCallon inquired who would collect the data, what data was being collected and how the data was going to be collected. Staff informed the committee that Daimler would telematically collect the data from the vehicles and infrastructure and assess the information for power demand and battery performance on varying duty cycles.

Supervisor Solis inquired about the location of the electric vehicle supply equipment (EVSE) and suggested they be placed in major freight corridors. Staff informed the committee that EVSE will be located at partnering fleets, but staff will continue to assess opportunities to place the EVSE in major freight corridors.

Council Member Robinson inquired about the funds allocated to EVSE and equipment and trucks, as well as the anticipated cost of the potential commercial truck. Staff informed the committee that about a third of the budget is for the EVSE and equipment and a little over half of the budget is for the 20 trucks. Additionally, Daimler has not yet identified the potential market price for the electric trucks, but are considering available incentive funds before establishing a market price.

Moved by Mitchell; seconded by Robinson; unanimously approved.

Ayes: Buscaino, McCallon, Mitchell, Robinson, Rutherford and Solis

Noes: None

Absent: None

OTHER MATTERS:

4. Other Business:

There was no other business.

5. Public Comment Period:

There were no public comments.

6. Next Meeting Date

The next regular Technology Committee meeting is scheduled for Friday, July 20, 2018 at noon.

Adjournment

The meeting adjourned at 12:47 p.m.

Attachment

Attendance Record

ATTACHMENT

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT TECHNOLOGY COMMITTEE MEETING

Attendance Record – June 15, 2018

Council Member Joe Buscaino (videoconference)	SCAQMD Board Member
Mayor Larry McCallon	SCAQMD Board Member
Mayor Pro Tem Judith Mitchell	SCAQMD Board Member
Council Member Dwight Robinson	SCAQMD Board Member
Supervisor Janice Rutherford (teleconference)	SCAQMD Board Member
Supervisor Hilda L. Solis (videoconference)	SCAQMD Board Member
Mark Abramowitz	Board Consultant (Lyou)
David Czamanske	Board Consultant (Cacciotti)
Ron Ketcham	Board Consultant (McCallon)
Andrew Silva	Board Consultant (Rutherford)
Dana Foist	Clean Fuel Connection
Bridget McCann	Western States Petroleum Association
Erik Neandross	Gladstein, Neandross & Associates
Susan Stark	Andeavor
Sam Atwood	SCAQMD Staff
Phil Barroca	SCAQMD Staff
Naveen Berry	SCAQMD Staff
Bay Gilchrist	SCAQMD Staff
Joseph Impullitti	SCAQMD Staff
Pat Krayser	SCAQMD Staff
Fred Minassian	SCAQMD Staff
Matt Miyasato	SCAQMD Staff
Cynthia Snyder	SCAQMD Staff
Vicki White	SCAQMD Staff
Jill Whynot	SCAQMD Staff
Paul Wright	SCAQMD Staff