

BOARD MEETING DATE: April 6, 2018

AGENDA NO. 20

REPORT: Technology Committee

SYNOPSIS: The Technology Committee held a meeting on Friday, March 16, 2018. The following is a summary of the meeting.

RECOMMENDED ACTION:  
Receive and file.

Joe Buscaino, Chair  
Technology Committee

MMM:pmk

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### **Committee Members**

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

Absent: Council Member Dwight Robinson and Supervisor Janice Rutherford

### **Call to Order**

Chair Buscaino called the meeting to order at 12:23 p.m.

### **ACTION ITEMS:**

#### **1. Execute Contracts to Conduct Commercial Electric Lawn and Garden Equipment Incentive and Exchange Program in Environmental Justice Areas and Reimburse General Fund for Administrative Costs**

At its October 6, 2017 meeting, the Board recognized \$2,477,250 from U.S. EPA's 2016 Targeted Air Shed Grant Program and issued a Program Announcement to solicit competitive bids from manufacturers and/or suppliers of commercial-grade, battery-electric lawn and garden equipment. This action is to execute contracts with qualified manufacturers and suppliers of commercial grade, electric lawn and garden equipment for participation in SCAQMD's electric lawn and garden incentive and exchange program in environmental justice areas in an amount not to exceed \$2,955,327, comprised of \$2,327,250 from the U.S. EPA Targeted Air Shed Grant in the Advanced Technology, Outreach and Education Fund (17) and \$628,077 from the Rule 2202 AQIP Special Revenue Fund (27). This action is to also authorize the

Executive Officer to amend amounts awarded to each contractor based on the demand for the equipment that will be offered through this program. Finally, this action is to reimburse the General Fund for administrative costs up to \$150,000 for implementation of a commercial lawn and garden equipment program.

*Staff explained that one of the seven contractors has withdrawn their proposal. Staff will update the Board letter for the Board meeting and will redistribute the funds from this contractor proportionately among the other awardees. The Board item will show six contractors with different funding amounts. After Board approval, the Executive Officer will be able to distribute the funds as needed based on demand.*

*Supervisor Solis asked if this program will be available to public government entities. Staff responded the program will be available to local governments, counties and special districts. Supervisor Solis asked what outreach methods will be used for Hispanic and other minority groups. Staff will promote this program to local governments. Brochures will be developed in multiple languages to be distributed at sales centers and to public and private entities that operate commercial lawn and garden equipment. Supervisor Solis suggested using public access TV since many councils have their own channel and it would be free advertising in whatever languages are necessary. Paid radio advertising was also recommended.*

*Mayor McCallon asked if the commercial gardeners will be required to be licensed. Staff responded that commercial gardeners will be required to have a license. Mayor McCallon also asked if staff knows the return on investment in terms of NOx reductions from this program. Staff explained that CARB has contracted with California State University, Fullerton to collect and evaluate data from this program, and this evaluation will include the amount of NOx emission reductions achieved. Next week, staff will provide the Committee an estimate of this program's NOx reductions.*

*Al Rodriguez, a representative of Makita U.S.A., Inc., commented that they are excited to participate in this program, and Makita will be reaching out to the communities providing bilingual language support.*

Moved by Solis; seconded by McCallon; unanimously approved.

Ayes: Buscaino, McCallon, Mitchell and Solis

Noes: None

Absent: Robinson, Rutherford

The motion was unanimously recommended for approval with the condition that, due to one of the seven companies withdrawing their proposal, the funds would be redistributed among the remaining six companies.

**2. Recognize Revenue to Replace School and Shuttle Buses and Execute Contract for Battery Electric Shuttle Bus Replacement Project and Reimburse General Fund for Administrative Costs**

In January 2018, U.S. EPA notified SCAQMD that two awards had been approved under a FY 2017 Targeted Air Shed Grant solicitation in the amount of \$3,184,875 each to replace diesel school buses with near-zero emission CNG buses and to replace diesel and gasoline airport shuttle buses with zero emission battery electric buses. Additionally, Phoenix Motorcars, an electric vehicle manufacturer, is committed to providing significant cost-share and securing additional funds from CARB's Hybrid and Zero Emission Truck and Bus Voucher Incentive Project to cofund the shuttle bus replacement project. This action is to recognize revenue up to \$6,369,750 from U.S. EPA into the Clean Fuels Program Fund (31). These actions are to also execute a contract with Phoenix Motorcars for battery electric shuttle bus replacements in an amount not to exceed \$3,122,426 and reimburse the General Fund for administrative costs up to \$62,449 to implement the shuttle bus replacement project. School bus replacement awards under the school bus replacement project will be considered by the Board separately.

*Mayor Pro Tem Mitchell disclosed that she does not have a financial interest but is required to identify for the record that she is a Board Member of the California Air Resources Board which is involved in Item #2.*

*Mayor McCallon asked which airports the shuttle buses will be serving. Staff responded that the shuttle buses will be serving most of the key airports in Los Angeles, Orange, and San Bernardino counties.*

*Supervisor Solis asked about the location of Phoenix Motorcars. Staff responded that Phoenix Motorcars is a local company with production and research facilities in Ontario and Chino. Supervisor Solis supported working with local companies and further inquired about the criteria for selecting school districts to participate in the project. Staff informed the committee that the criteria for selecting school districts to participate in the replacement projects will be presented to the committee in April and to the full Board in May.*

*Harvey Eder, as a member of the public, supported the battery electric shuttle project if solar and renewables are the energy source, but expressed concerns about natural gas school buses.*

Moved by Solis; seconded by McCallon; unanimously approved.

Ayes: Buscaino, McCallon, Mitchell and Solis

Noes: None

Absent: Robinson and Rutherford

**3. Recognize and Transfer Funds, Execute and Amend Agreements for Installation and Maintenance of Air Filtration Systems, and Reimburse General Fund for Administrative Costs**

CARB is executing Supplemental Environmental Project (SEP) agreements with Western Power Sports, Inc., C.J.J. Farming, JEGS Foundation and Tesoro Companies, Inc., to install and maintain air filtration systems in the South Coast region, with SCAQMD acting as the SEP Implementer. These actions are to recognize up to \$551,875 into the Air Filtration Fund (75), transfer up to \$462,625 as a temporary loan from Clean Fuels Fund (31) to the Air Filtration Fund (75) for the SEP revenue not yet received and execute agreements with the four entities. These actions are to also execute one or more contracts with IQAir North America for installation of air filtration systems in an amount cumulatively not to exceed \$524,282, reimburse the General Fund for administrative costs up to \$27,593 and amend contract(s) with IQAir to provide funding from unspent administrative fees for the purchase of replacement filters. Finally, this action is to authorize the Executive Officer to execute or amend agreements with local school districts, providing access to schools for the purpose of implementing SEP agreements.

*Mayor Pro Tem Mitchell disclosed that she does not have a financial interest but is required to identify for the record that she is a Board Member of the California Air Resources Board which is involved in Item #3.*

*Supervisor Solis inquired how the schools are selected and suggested adding schools located in southeastern Los Angeles County, along the 710 corridor such as in Cudahy, Huntington Park and South Gate. Staff explained that the current projects are a result of SEPs from CARB, which require that schools receiving air filtration should be adjacent to the local ports area, and that staff will continue to identify mechanisms to fund filtration systems at additional schools.*

*Council Member Buscaino asked if there was a list and map of schools. Staff responded that a list and map of schools exists and would be provided. Supervisor Solis suggested that the map identify the school names.*

*Mayor McCallon said that EJ communities in San Bernardino or the Coachella Valley should not be forgotten in the selection of schools. Staff responded that they would work with CARB and others to identify additional areas for future SEPs.*

Moved by McCallon; seconded by Solis; unanimously approved.

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

The motion was unanimously recommended for approval with the condition that full approval for the Western Power Sports, Inc. portion is contingent upon a Campaign Contribution Form being received before the April 6, 2018 Board meeting.

**OTHER MATTERS:**

**4. Other Business:**

There was no other business.

**5. Public Comment Period:**

*Harvey Eder, Public Solar Power Coalition, expressed concern about the lack of solar incentives/programs in the AQMP and that solar should be best available control technology (BACT) and best available retrofit control technology (BARCT).*

*Florence Gharibian, Del Amo Action Committee, submitted a letter and expressed support for air filtration at schools and homes, and proposed strategic and scientifically based tree planting and landscaping in communities to reduce air pollution.*

**6. Next Meeting Date**

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

**Adjournment**

The meeting adjourned at 1:05 p.m.

**Attachment**

Attendance Record

## **ATTACHMENT**

### **SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT TECHNOLOGY COMMITTEE MEETING**

**Attendance – March 16, 2018**

|   |                               |
|---|-------------------------------|
| Council Member Joe Buscaino (videoconference) ..... | SCAQMD Board Member           |
| Mayor Larry McCallon .....                          | SCAQMD Board Member           |
| Mayor Pro Tem Judith Mitchell .....                 | SCAQMD Board Member           |
| Supervisor Hilda L. Solis .....                     | SCAQMD Board Member           |
|   |                               |
| David Czamanske .....                               | Board Consultant (Cacciotti)  |
| Ron Ketcham .....                                   | Board Consultant (McCallon)   |
| Andrew Silva .....                                  | Board Consultant (Rutherford) |
| Anna Solis .....                                    | Board Consultant (Solis)      |
|   |                               |
| Harvey Eder .....                                   | Public Solar Power Coalition  |
| Emad Fakhoury .....                                 | Phoenix Motorcars             |
| Jose Paul .....                                     | Phoenix Motorcars             |
| Al Rodriguez .....                                  | Makita, U.S.A,                |
| Judith Vasquez .....                                | County of Los Angeles         |
| Theresa Villegas .....                              | County of Los Angeles         |
|   |                               |
| Naveen Berry .....                                  | SCAQMD Staff                  |
| Marjorie Eaton .....                                | SCAQMD Staff                  |
| Drue Hargis .....                                   | SCAQMD Staff                  |
| Pat Krayser .....                                   | SCAQMD Staff                  |
| Patricia Kwon .....                                 | SCAQMD Staff                  |
| Fred Minassian .....                                | SCAQMD Staff                  |
| Lisa Mirisola .....                                 | SCAQMD Staff                  |
| Matt Miyasato .....                                 | SCAQMD Staff                  |
| Wayne Natri .....                                   | SCAQMD Staff                  |
| Adewale Oshinuga .....                              | SCAQMD Staff                  |
| Gregory Rowley .....                                | SCAQMD Staff                  |
| Veera Tyagi .....                                   | SCAQMD Staff                  |
| Mei Wang .....                                      | SCAQMD Staff                  |
| Vicki White .....                                   | SCAQMD Staff                  |
| Jill Whynot .....                                   | SCAQMD Staff                  |
| Vasken Yardemian .....                              | SCAQMD Staff                  |