

BOARD MEETING DATE: December 2, 2016

AGENDA NO. 28

REPORT: Technology Committee

SYNOPSIS: The Technology Committee met on November 18, 2016. Major topics included Technology Advancement items reflected in the regular Board Agenda for the December Board meeting. A summary of these topics with the Committee's comments is provided. The next Technology Committee meeting will be held on January 20, 2017.

RECOMMENDED ACTION:
Receive and file.

Judith Mitchell
Acting Technology Committee Chair

MMM:pmk

Attendance: Due to the absence of Supervisor Benoit, Councilmember Judith Mitchell was asked to chair the meeting. Councilmember Judith Mitchell, Councilmember Dwight Robinson and Supervisor Janice Rutherford were in attendance at SCAQMD headquarters. Supervisor John Benoit, Councilmember Joe Buscaino and Mayor Larry McCallon were absent due to illness or a conflict with their schedule.

DECEMBER BOARD AGENDA ITEMS

1. Amend Contract for Tier 4 Passenger Locomotives

Under the “Year 16” Carl Moyer Program Announcement released on March 7, 2014, the Southern California Regional Rail Authority (SCRRA) submitted a proposal requesting \$58.85 million to cofund the replacement of 17 and the purchase of 3 new Tier 4 locomotives. On September 4, 2015, the Board awarded \$22.85 million to SCRRA from the Carl Moyer Program AB 923 Fund (80), with a commitment to consider the remaining \$36 million over four phases. The SCAQMD’s cost-share of this \$129 million project is only for the replacement component of the project. This action is to amend SCRRA’s contract adding an additional \$9 million for a revised total of \$31.85 million from the Carl Moyer

Program AB 823 Fund (80). The remaining \$27 million requested by SCRRA will be considered over three phases in future Board requests.

Moved by Rutherford; seconded by Robinson; unanimously approved.

2. Approve Trucks, Transport Refrigeration Units and Infrastructure Projects under Proposition 1B-Goods Movement Program 

On June 3, 2016, the Board approved the issuance of a Program Announcement to solicit eligible truck projects, transport refrigeration units (TRUs) and related infrastructure for the Proposition 1B-Goods Movement Program. The Program Announcement closed on August 4, 2016. Staff has completed the evaluation of the eligible projects, subject to the final rank order approval by CARB. This action is to execute contracts for eligible trucks, TRUs and infrastructure projects, subject to the final rank order approval by CARB, until all program funds designated for truck projects and TRUs are exhausted from the Proposition 1B-Goods Movement Program Fund (81). Projects not selected for funding will remain on the ranked lists in the event funds are reallocated from projects that fall through or funding from other project categories become available.

Councilmember Judith Mitchell asked if this is the final year of Prop 1B-Goods Movement Program funding. Staff confirmed and explained that this is the final round of the Program. Fleets were allowed to apply for truck technologies, such as ultra-low NOx (0.02 g) and electric vehicles that are not yet commercially available. The Program will allow up to three years for these advanced technology truck projects to be deployed.

Acting Executive Officer Wayne Nastri asked if the unused funds in other air districts could be re-allocated to the South Coast since we are oversubscribed. Staff explained this would require approval by CARB but has precedence.

Councilmember Mitchell requested that staff continue to monitor unspent funds from other districts.

Less than a quorum was present; the Committee Members concurred that this item be approved by the Board, with one abstention by Supervisor Rutherford.

3. Issue Program Announcement for Purchase of Electric School Buses 

Since 2001, the SCAQMD has replaced approximately 1,600 pre-1994 school buses with alternative fuel buses and retrofitted nearly 3,400 more diesel school buses with particulate traps. Traditionally, the SCAQMD has funded the replacement of older diesel school buses only with the lowest certified commercially available alternative fuel school buses. According to CARB's latest revisions of the Lower-Emission School Bus Program Guidelines, the Carl Moyer Program AB 923 funds can be utilized to purchase electric school buses. This action is to issue a Program

Announcement to solicit proposals from public school districts and joint power authorities to purchase electric school buses approved by CARB.

Councilmember Mitchell inquired about which electric school bus was approved by CARB. Staff explained that at this time only one bus, the E-lion Type C electric school bus made in Canada, has been approved by CARB. Councilmember Mitchell also asked whether BYD was participating in the program. Staff explained that BYD did not participate, but there is a possibility that others may participate and have their buses approved. In that case they will also be eligible under this program. Staff committed to encourage other manufacturers to become CARB-certified.

Moved by Robinson; seconded by Rutherford; unanimously approved.

4. Other Business

There was no other business.

5. Public Comments

There were no public comments.

Next Meeting: January 20, 2017

Attachment

Attendance Roster

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
TECHNOLOGY COMMITTEE
Attendance Roster – November 18, 2016**

Councilmember Judith Mitchell.....	SCAQMD Governing Board
Councilmember Dwight Robinson.....	SCAQMD Governing Board
Supervisor Janice Rutherford	SCAQMD Governing Board
Mark Abramowitz	Board Consultant (Lyou)
Ron Ketcham.....	Board Consultant (McCallon)
David Czamanske.....	Board Consultant (Cacciotti)
Wayne Nastri.....	SCAQMD Staff
Sheri Hanizavareh.....	SCAQMD Staff
Matt Miyasato.....	SCAQMD Staff
Henry Hogo	SCAQMD Staff
Fred Minassian	SCAQMD Staff
Naveen Berry.....	SCAQMD Staff
Dean Saito	SCAQMD Staff
Ranji George.....	SCAQMD Staff
Drue Hargis	SCAQMD Staff
Joseph Lopat.....	SCAQMD Staff
Mei Wang	SCAQMD Staff
Vicki White	SCAQMD Staff
Dominic Tung.....	SCAQMD Staff
Penny Shaw Cedillo	SCAQMD Staff
Pat Krayser	SCAQMD Staff
David Park.....	Alta Environmental
Anne L. Rice.....	Southern California Regional Rail Authority