

BOARD MEETING DATE: November 2, 2018

AGENDA NO. 11

**PROPOSAL:** Recognize Revenue and Execute Agreements for Installation and Maintenance of Air Filtration Systems

**SYNOPSIS:** SCAQMD has executed a settlement agreement with Rainbow Transfer/Recycling, Inc., to install and maintain air filtration systems at schools. This action is to recognize up to \$250,000 into the Air Filtration Fund (75). These actions are to also execute a contract to install and maintain air filtration systems at schools in an amount not to exceed \$250,000 from the Air Filtration Fund (75) and execute an agreement with the local school district in Huntington Beach near the transfer facility.

**COMMITTEE:** Technology, October 19, 2018; Recommended for Approval

**RECOMMENDED ACTIONS:**

1. Recognize up to \$250,000 from a settlement with Rainbow Transfer/Recycling, Inc., (Rainbow) into the Air Filtration Fund (75).
2. Authorize the Executive Officer to execute an agreement with the local school district in Huntington Beach near the transfer facility to implement the Rainbow settlement agreement.
3. Authorize the Chairman to execute a contract with IQAir North America for installation and maintenance of air filtration systems at schools in an amount not to exceed \$250,000 from the Air Filtration Fund (75).

Wayne Natri  
Executive Officer

MMM:FM:NB:PSK

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**Background**

SCAQMD has executed a settlement agreement with Rainbow Transfer/Recycling, Inc., (Rainbow) to install and maintain air filtration systems at schools in a geographical target area identified by the settlement agreement.

IQAir North America (IQAir) was previously selected through two separate competitive bid processes in 2011 and 2013 for air filtration projects, and staff subsequently performed a technology status check to ensure no new technologies had come on the market. IQAir is the only qualified manufacturer of high performance panel filters and stand-alone units which meet the performance standards in SCAQMD's 2009 air filtration pilot study as well as through a national testing opportunity conducted in 2010 by the University of California Riverside's College of Engineering/Center for Environmental Research and Technology. These performance standards include an average removal efficiency of at least 90 percent for ultrafine PM, black carbon and PM2.5, and noise level below 45 decibels for stand-alone units. To date, SCAQMD has installed air filtration systems at approximately 80 schools and community centers.

### **Proposal**

SCAQMD and Rainbow staff have requested that schools receiving air filtration systems be located in Huntington Beach in close proximity to the transfer facility and that project completion occur by July 2019. Staff will work with the local school district to negotiate access to three schools that will receive air filtration systems for a period of five years. For this project, gas phase filtration is also included to provide odor control for the schools. The proposed schedule for installation and maintenance of air filtration systems is as follows:

<b>Date</b>	<b>Event</b>
November 2018	Board Approval
November 2018	Anticipated Execution of Contracts
November 2018	Site Assessments
November 2018–July 2019	Installation
November 2018–November 2023	Maintenance (varies by school)
July 2019	Final Report

These actions are to: 1) recognize up to \$250,000 from the settlement agreement with Rainbow into the Air Filtration Fund (75); 2) authorize the Executive Officer to execute an agreement with the local school district for implementing the settlement agreement; and 3) execute a contract with IQAir North America for installation and maintenance of air filtration systems at schools in an amount not to exceed \$250,000 from the Air Filtration Fund (75).

### **Sole Source Justification**

Section VIII. B. 2 of the Procurement Policy and Procedure identifies four major provisions under which a sole source award may be justified. This request for a sole source award is made under provision B.2.c (1): The desired services are available from only the sole-source based upon the unique experience and capabilities of the proposed contractor or contractor team. IQAir remains the only manufacturer of

high performance panel filters, stand-alone and gas phase filtration units identified by SCAQMD and CARB staff that meet the performance standards required to complete the work.

**Benefits to SCAQMD**

This project will reduce children's exposure to criteria and toxic pollutants and ultrafine PM. Health studies have determined that fine and ultrafine PM, including diesel PM, present the greatest air pollution health risk to sensitive receptors in geographical target communities identified in the settlement agreement.

**Resource Impacts**

The new contract with IQAir will not exceed \$250,000, the amount of the settlement agreement.