South Coast
Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 · www.aqmd.gov

HYBRID TECHNOLOGY COMMITTEE MEETING

Mayor Carlos Rodriguez, Committee Chair
Supervisor Curt Hagman
Mayor Patricia Lock Dawson
Councilmember Larry McCallon
Supervisor Janet Nguyen
Board Member Veronica Padilla-Campos

September 18, 2026 ♦ 12:00 p.m.

TELECONFERENCE LOCATIONS

Riverside City Hall
3900 Main Street
7th Floor Conference Room
Riverside, CA 92522

Huntington Beach Central Library
7111 Talbert Avenue
Balboa Room
Huntington Beach, CA 92648

A meeting of the South Coast Air Quality Management District Technology Committee will be held at 12:00 p.m. on Friday, September 18, 2026 through a hybrid format of in-person attendance in the Dr. William A. Burke Auditorium at the South Coast AQMD Headquarters, 21865 Copley Drive, Diamond Bar, California, and remote attendance via videoconferencing and by telephone. Please follow the instructions below to join the meeting remotely.

Please refer to South Coast AQMD's website for information regarding the format of the meeting, updates if the meeting is changed to a full remote via webcast format, and details on how to participate:

http://www.aqmd.gov/home/news-events/meeting-agendas-minutes

ELECTRONIC PARTICIPATION INFORMATION
(Instructions provided at bottom of the agenda)

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Audience will be allowed to provide public comment in person or through Zoom connection or telephone.

PUBLIC COMMENT WILL STILL BE TAKEN

Cleaning the air we breathe…

AGENDA

Members of the public may address this body concerning any agenda item before or during consideration of that item (Gov't. Code Section 54954.3(a)). If you wish to speak, raise your hand on Zoom or press Star 9 if participating by telephone. All agendas for regular meetings are posted at South Coast AQMD Headquarters, 21865 Copley Drive, Diamond Bar, California, at least 72 hours in advance of the regular meeting. Speakers may be limited to three (3) minutes total for all items on the agenda.

Please note that under the California Public Records Act (Gov't. Code § 7920.000 et seq.) your written and oral comments, attachments, and associated contact information (e.g., your address, phone, email) become part of the public record and can be released to the public on request or posted on the South Coast AQMD website.

CALL TO ORDER

ROLL CALL

ACTION ITEMS: (1-7)

1. Execute Contracts, Transfer and Appropriate Funds to Implement Transportation Electrification Advancement for Municipalities Program *(Motion Requested)*

Fan Xu, Ph.D.
Planning & Rules Manager

In June 2026, the Board recognized an award of $35,110,390 from CARB for the Transportation Electrification Advancement for Municipalities (TEAM) program to deploy zero-emission municipal vehicles in the South Coast AQMD region. South Coast AQMD received interest from 19 local public entities to deploy various types of battery electric municipal vehicles and equipment, along with supporting chargers. These actions are to: 1) execute contracts with participating public entities and academic institutions for initial awards totaling up to $37,822,842 from GHG Reduction Projects Special Revenue Fund (67); 2) transfer and appropriate up to $403,233 from GHG Reduction Projects Special Revenue Fund (67) and up to $1,596,767 from the Clean Fuels Program Fund (31) into Monitoring and Analysis FY 2026-27 and/or 2027-28 Budget for procurement of zero-emission incident response vehicles, as part of the TEAM program; 3) authorize the Executive Officer to redistribute any returned or unused funding among the participating public entities until all available funds are exhausted.; 4) authorize the Procurement Manager to issue purchase order(s) for procurement of up to two zero-emission incident response vehicles; and 5) transfer up to $4,000,000 as a temporary loan for TEAM, as needed, from the Clean Fuels Program Fund (31) into the GHG Reduction Projects Special Revenue Fund (67) and return the loan and the earned interest to the Clean Fuels Program Fund (31).

2. **Issue RFP for On-Road Mobile Source Related Hydrogen-Based Zero-Emission Technology Development, Demonstration, Deployment, Workforce Development, and Air Quality Impact Projects *(Motion Requested)***

Maryam Hajbabaei, Ph.D.
Program Supervisor

South Coast AQMD's Clean Fuels Program supports the development and deployment of advanced zero-emission technologies. Hydrogen and fuel cell technologies provide a zero-emission option to reduce NOx and PM emissions from heavy-duty transportation, freight movement, port operations, off-road equipment, and other applications. This action is to issue an RFP to solicit proposals for the development, demonstration, deployment, workforce development, and air quality evaluation of hydrogen-based zero-emission technologies in an aggregate amount not to exceed $35,000,000 from the Clean Fuels Program Fund (31).

3. **Issue RFP, Program Announcement and Execute Contracts for AB 617 Emergency Residential Air Filtration Program in SB 535 Communities *(Motion Requested)***

Daniel Garcia
Planning & Rules Manager

Following recent emergency fire incidents, including the Palisades, Eaton, and Palos Warehouse Fires, South Coast AQMD experienced increased demand for standalone High Efficiency Particulate Air (HEPA) purifiers and replacement air filters from nearby impacted residents in SB 535 communities seeking to reduce their exposure to smoke and other harmful particulate matter emissions. These events underscore the need for an AB 617 Emergency Air Filtration Program to rapidly distribute standalone HEPA purifiers and replacement air filters in response to emergency air pollution events that impact SB 535 communities. These actions are to: 1) issue RFP #P2027-06 and authorize the Executive Officer to execute vendor contracts to supply HEPA purifiers and replacement air filters for the AB 617 Emergency Residential Air Filtration Program in an amount up to $15,000,000 from the Community Air Protection AB 134 Fund (77); and 2) issue Program Announcement #PA2027-03 for the AB 617 Emergency Residential Air Filtration Program.

4. **Execute Agreements to Implement AB 617 Clean Community School Initiative Program and Transfer Funds for Development of AB 617 Grant Management System *(Motion Requested)***

Robert Dalbeck
Program Supervisor

In February 2026, the AB 617 Clean Community School Initiative Program Announcement was released to solicit zero-emission school bus and charging infrastructure projects from privately-owned combustion school buses serving public schools in underserved communities and within AB 617-designated communities in the South Coast AQMD region. Eligible applications were evaluated and staff have identified $16,370,293 in zero-emission school bus and charging infrastructure projects.

In February 2026, the Board also approved funds for the development of the AB 617 Grant Management System (GMS), but funding must be re-appropriated. These actions are to: 1) execute agreements for zero-emission school bus and infrastructure projects for a total amount not to exceed $16,370,293; and 2) transfer and appropriate up to $67,000 for the development of the AB 617 GMS from the administrative portion of the Community Air Protection Program (Grant #G22-MCAP-23) into Information Management's FY 2026-27 and/or 2027-28 Budget, Services and Supplies and/or Capital Outlays Major Objects.

5. **Execute Contract to Characterize Brake Wear Emissions** ***(Motion Requested)***

Vasileios Papapostolou, Sc.D.
Planning & Rules Manager

Non-tailpipe emissions from brake wear are an important source of particulate matter that is not well understood. The University of California, Irvine (UCI) proposes a research project to characterize gaseous and particulate brake wear emissions, identify chemical fingerprints for source attribution, and develop emission profiles for use in emissions inventories and air quality modeling. The project will build on prior research and support improvements to EMission FACtor and South Coast AQMD's MATES modeling framework. This action is to execute a contract with UCI in an amount not to exceed $997,063 to conduct the proposed research from the Clean Fuels Program Fund (31).

6. **Execute Contracts to Support Advanced Clean Transportation Technology Competitions** ***(Motion Requested)***

Vasileios Papapostolou, Sc.D.
Planning & Rules Manager

California State University, Los Angeles (Cal State LA), and the University of California, Riverside (UCR), have been selected to participate in national collegiate competitions focused on advanced transportation technologies. Cal State LA and UCR are the only universities in the Basin that were selected to participate in these national competitions. Cal State LA is one of 20 universities awarded to participate in the EcoCAR Innovation Challenge and will develop a Wildfire Command Vehicle, incorporating advanced vehicle electrification technologies for search and rescue and emergency response applications. UCR is one of 12 universities selected to participate in the SAE International and General Motors CivicProgress Challenge and will develop and demonstrate vehicle accessibility technologies for wheelchair users and individuals with disabilities, with potential application to future zero-emission and automated mobility platforms. Both projects will provide hands-on experience with advanced transportation technologies while building skills relevant to clean transportation deployment.
These actions are to execute contracts with Cal State LA and UCR in amounts not to exceed $300,000 and $150,000, respectively, from the Clean Fuels Program Fund (31).

7. Execute Contracts for Electrification of Transport Refrigeration Units and Amend Existing Contract for Electrification of Cargo Handling Equipment in Southern California *(Motion Requested)*

Nicole Silva
Program Supervisor

In December 2020 and November 2022, the Board recognized $2,240,721 and $2,569,933 awards under FY20 and FY21 U.S. EPA Diesel Emission Reduction (DERA) grants to replace diesel transport refrigeration units (TRUs) and cargo handling equipment with zero-emission TRUs and cargo handling equipment. Due to the withdrawal of one of the project partners, new project partners were identified. Pending U.S. EPA's approval, these actions are to: 1) execute contracts with BakeMark USA, LLC, Northgate Gonzalez, LLC, and Rockview Dairies, Inc. for TRU electrification and supporting charging infrastructure in an amount not to exceed $2,170,975 from the Clean Fuels Program Fund (31); and 2) amend the contracts with Total Terminals International, LLC under the Carl Moyer Program to replace one of three project participants under the U.S. EPA FY21 DERA grant and fund two top handler electrification projects in an amount not to exceed $1,396,386 from the Advanced Technology, Outreach and Education Fund (17).

ADMINISTRATIVE ACTION ITEM (No Presentation)

8. Amend Contracts for Joint Electric Truck Scaling Initiative Pilot Project (*Motion Requested)*

Sam Cao, Ph.D.
Program Supervisor

In June 2021, the Board approved the execution of contracts for the CARB and California Energy Commission (CEC) funded Joint Electric Truck Scaling Initiative (JETSI) Pilot Project to deploy 100 Daimler and Volvo Class 8 battery electric trucks, charging infrastructure, and distributed energy resource technologies at two fleet locations that serve surrounding overburdened communities. In February 2025, the Board approved an extension of the JETSI project and the reallocation of funds to cover energy storage costs, additional chargers and project management expenses. Due to further delays in installing charging infrastructure at one fleet location, CARB and CEC approved extending the project completion date from December 2026 to September 2027 along with the reallocation and repurposing of up to $639,740 in previously authorized but unspent administrative and project funds to support implementation during the extended project period. These actions are to amend the applicable contracts to continue project implementation, reallocate and repurpose unspent funds for project and administrative costs.

9. Re-issue Program Announcement, Transfer Funds, and Execute Agreements for the CHDV ELECTRIC Program *(Motion Requested)*

Tom Lee
Planning & Rules Manager

In January 2025, South Coast AQMD recognized an award of $33,898,522, including administrative costs, from the U.S. EPA 2024 Clean Heavy-Duty Vehicles Grant Program. The awarded proposal titled "Empowering Local Environmental Change Through Replacing Internal

Combustion with Battery Electric Class 6 or 7 Vehicles" (ELECTRIC) is designed to replace diesel or gasoline-powered Class 6 and 7 freight delivery vehicles with zero-emission vehicles. In August 2025, a program announcement was issued to solicit projects for ELECTRIC but the program is undersubscribed. To allow more time to expend all funds, U.S. EPA approved an extension of the ELECTRIC grant in August 2026 for two additional years, through December 31, 2028. These actions are to: 1) issue, and if necessary re-issue, a Program Announcement to solicit projects for ELECTRIC; and 2) execute agreements with eligible applicants.

10. Other Business

Any member of the Committee, or its staff, on his or her own initiative or in response to questions posed by the public, may ask a question for clarification, may make a brief announcement or report on his or her own activities, provide a reference to staff regarding factual information, request staff to report back at a subsequent meeting concerning any matter, or may take action to direct staff to place a matter of business on a future agenda. (Gov't. Code Section 54954.2)

11. Public Comment Period

At the end of the regular meeting agenda, an opportunity is provided for the public to speak on any subject within the Committee's authority that is not on the agenda. Speakers may be limited to three (3) minutes each.

12. Next Meeting Date

Friday, October 16, 2026 at 12:00 p.m.

ADJOURNMENT

Americans with Disabilities Act and Language Accessibility

Disabilities and language-related accommodations can be requested to allow participation in the Technology Committee meeting. The agenda will be made available, upon request, in appropriate alternative formats to assist persons with a disability (Gov't Code Section 54954.2(a)). In addition, other documents may be requested in alternative formats and languages. Any disability or language-related accommodation must be requested as soon as practicable. Requests will be accommodated unless providing the accommodation would result in a fundamental alteration or undue burden to the South Coast AQMD. Please contact Kristin Remy at (909) 396-2140 from 7:00 a.m. to 5:30 p.m., Tuesday through Friday, or send the request to kremy@aqmd.gov.

Reasonable Accommodations for Remote Participation by Members of this Brown Act Body

All public meetings held pursuant to the Brown Act must adhere to certain procedures to assist in processing requests for reasonable accommodations for remote *participation by Board and Committee Members, and Members of other Brown Act bodies, consistent with the Americans with Disabilities Act of 1990 (42 U.S.C. Section 12132) and Government Code section 54953.8. Specifically, Board and Committee Members, or other Members of a Brown Act body, who have a disability within the meaning of the ADA, may request a reasonable accommodation to participate remotely in a public meeting in lieu of in-person attendance. Such requests must be made pursuant to the procedure set forth in South Coast AQMD Administrative Code Section 30.17 (Policy for Reasonable Accommodation and Remote Participation) and must be submitted in writing to the Chair of the Board or Committee, or Chair of the other Brown Act Body, copying the Clerk of the Boards and the Deputy Executive Officer of Administrative and Human Resources. In the event that the Chair requests an accommodation, that request must also be submitted to the Vice Chair for approval.*

Document Availability

All documents (i) constituting non-exempt public records, (ii) relating to an item on an agenda for a regular meeting, and (iii) having been distributed to at least a majority of the Committee after the agenda is posted, are available by contacting Kristin Remy at (909) 396-2140, or send the request to kremy@aqmd.gov.

INSTRUCTIONS FOR ELECTRONIC PARTICIPATION

Instructions for Participating in a Virtual Meeting as an Attendee
As an attendee, you will have the opportunity to virtually raise your hand and provide public comment.

Before joining the call, please silence your other communication devices such as your cell or desk phone. This will prevent any feedback or interruptions during the meeting.

Please note: During the meeting, all participants will be placed on Mute by the host. You will not be able to mute or unmute your lines manually.

After each agenda item, the Chair will announce public comment.

Speakers may be limited to a total of 3 minutes for the entirety of the consent calendar plus board calendar, and three minutes or less for each of the other agenda items.

A countdown timer will be displayed on the screen for each public comment.

If interpretation is needed, more time will be allotted.

Once you raise your hand to provide public comment, your name will be added to the speaker list. Your name will be called when it is your turn to comment. The host will then unmute your line.

Directions for Video ZOOM on a DESKTOP/LAPTOP:

- If you would like to make a public comment, please click on the **"Raise Hand"** button on the bottom of the screen.
- This will signal to the host that you would like to provide a public comment and you will be added to the list.

Directions for Video Zoom on a SMARTPHONE:

- If you would like to make a public comment, please click on the **"Raise Hand"** button on the bottom of your screen.
- This will signal to the host that you would like to provide a public comment and you will be added to the list.

Directions for TELEPHONE line only:

- If you would like to make public comment, please **dial *9** on your keypad to signal that you would like to comment.

Back to Agenda
Go to SLIDES

BOARD MEETING DATE: October 2, 2026 AGENDA NO.

PROPOSAL: Execute Contracts, Transfer and Appropriate Funds to Implement Transportation Electrification Advancement for Municipalities Program

SYNOPSIS: In June 2026, the Board recognized an award of $35,110,390 from CARB for the Transportation Electrification Advancement for Municipalities (TEAM) program to deploy zero-emission municipal vehicles in the South Coast AQMD region. South Coast AQMD received interest from 19 local public entities to deploy various types of battery electric municipal vehicles and equipment, along with supporting chargers. These actions are to: 1) execute contracts with participating public entities and academic institutions for initial awards totaling up to $37,822,842 from GHG Reduction Projects Special Revenue Fund (67); 2) transfer and appropriate up to $403,233 from GHG Reduction Projects Special Revenue Fund (67) and up to $1,596,767 from the Clean Fuels Program Fund (31) into Monitoring and Analysis FY 2026-27 and/or 2027-28 Budget for procurement of zero-emission incident response vehicles, as part of the TEAM program; 3) authorize the Executive Officer to redistribute any returned or unused funding among the participating public entities until all available funds are exhausted.; 4) authorize the Procurement Manager to issue purchase order(s) for procurement of up to two zero-emission incident response vehicles; and 5) transfer up to $4,000,000 as a temporary loan for TEAM, as needed, from the Clean Fuels Program Fund (31) into the GHG Reduction Projects Special Revenue Fund (67) and return the loan and the earned interest to the Clean Fuels Program Fund (31).

COMMITTEE: Technology, September 18, 2026; Recommended for Approval

RECOMMENDED ACTIONS:

1. Authorize the Executive Officer to execute contracts to implement TEAM using funds from the GHG Reduction Projects Special Revenue Fund (67), with initial allocations of up to $37,822,842, as follows:

a. Up to $36,252,842 for vehicle, equipment, and charger deployment with the participating public entities listed in Table 1;
b. Up to $970,000 for data collection with the Regents of University of California, Riverside (UCR); and
c. Up to $600,000 for workforce training with Cerritos College;

2. Transfer and appropriate up to $403,233 from GHG Reduction Projects Special Revenue Fund (67) and up to $1,596,767 from the Clean Fuels Program Fund (31) for a total of $2,000,000 into the Monitoring and Analysis FY 2026-27 and/or FY 2027-28 Budget (Org. 49), Capital Outlays Major Object, Capital Outlays Account for procurement of up to two zero-emission incident response vehicles, as part of the TEAM program;
3. Authorize the Executive Officer to redistribute any returned or unused TEAM Program funds, including funds allocated for South Coast AQMD’s zero-emission incident response vehicles, among the participating public entities listed in Table 1 to implement the TEAM Program from the GHG Reduction Projects Special Revenue Fund (67) until all available funds are exhausted;
4. Authorize the Procurement Manager, in accordance with South Coast AQMD's Procurement Policy and Procedure, to issue purchase order(s), based on a solicitation process or cooperative agreement for up to two zero-emission incident response vehicles from Monitoring and Analysis FY 2026-27 and/or FY 2027-28 Budget (Org. 49), Capital Outlays Major Object, Capital Outlays Account; and
5. Transfer up to $4,000,000 as a temporary loan for TEAM, as needed, from the Clean Fuels Program Fund (31) into the GHG Reduction Projects Special Revenue Fund (67). The loan and the interest earned, from the temporary loan under the GHG Reduction Projects Special Revenue Fund (67) will be returned to the Clean Fuels Program Fund (31).

Wayne Nastri
Executive Officer

AK:MW:FX:SC

Background
In June 2026, the Board recognized $35,110,390 from CARB for South Coast AQMD for the Transportation Electrification Advancement for Municipalities (TEAM) program to deploy zero-emission municipal vehicles and equipment in the South Coast AQMD region, including up to $32,661,075 to fund deployment projects and supporting tasks and up to $2,449,315 for South Coast AQMD’s administrative costs. The award is under CARB’s Advanced Technology Demonstration and Pilot Projects program, which has now been renamed Sustainable Heavy-Duty Initiatives for Future Technology (SHIFT). In June 2026, the Board also approved $10,565,000 in cost share funding for the TEAM

program, consisting of $5,565,000 from the Clean Fuels Program and $5,000,000 from MSRC.

The TEAM program has received interest from 19 local public entities to deploy battery electric vehicles and supporting chargers. The participating fleets are representative of local public entities across the South Coast AQMD region, including counties, cities of varying sizes, special districts, and airports. They represent entities with varying levels of zero-emission technology deployment experience, from limited to moderate experience. This diversity in agency type, community size, and deployment experience will provide a comprehensive understanding of the challenges and generate valuable insights into fleet electrification.

CARB has also confirmed that South Coast AQMD qualifies as a special district eligible to participate in the TEAM program. South Coast AQMD supports first responders, providing air quality information during urban wildfires, structural fires, accidental chemical releases, and other air quality emergencies. During these incidents, South Coast AQMD will be on-site with other responding agencies. South Coast AQMD is in need of incident command vehicles to support field staff and manage communications while air quality monitoring and assessments are conducted. Zero-emission command center vehicles will strengthen South Coast AQMD's emergency response capabilities and demonstrate the feasibility of deploying zero-emission technology in specialized emergency response applications.

Proposal

Based on the needs identified by the participating public entities, TEAM will fund zero-emission vehicles and off-road equipment that support essential public services across a broad range of municipal applications, including maintenance and repair, field service, street sweeping, trash collection and transfer, landfill operation, firefighting, incident command, airport service, and others. The vehicles span weight classes from Class 2B to 8. A majority of the domiciling locations or routes of vehicles and equipment will be in overburdened communities in the South Coast AQMD region. Besides deploying the funded vehicles, participating public fleets will provide feedback on vehicle performance, charging experiences, and operational challenges, while conducting outreach to increase awareness within their jurisdictions. The participating public entities' funding amounts for the vehicles are provided in Table 1. Individual awarded public entities will follow their respective procurement and approval procedures to acquire the vehicles and equipment.

In addition, South Coast AQMD will procure up to two zero-emission incident response vehicles in accordance with its Procurement Policy and Procedure. The vehicles will be selected through a future solicitation process or Cooperative Purchasing Agreement. Zero-emission vehicles are available from vendors through cooperative purchasing under the State of California, Department of General Services, Procurement Division, and Alternative Fueled Vehicles Contract l-22-23-23A through I.

The TEAM data collection partner, UCR, will be contracted to collect operational data from vehicles, equipment, and supporting chargers, following the CARB SHIFT grant data reporting requirements, for up to one year, and to prepare fleet transition planning resources to help more public fleets adopt battery electric technologies.

The workforce training partner, Cerritos College, will be contracted to provide workforce training to ensure the drivers, operators, and other personnel build the necessary technical and operational skills to deploy, operate, maintain, and manage the battery electric vehicles and equipment, as well as charging infrastructure effectively.

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. The request for a sole source award with the 19 public entities listed in Table 1 is made under provision B.2.d.(1): Projects involving cost sharing by multiple sponsors. The 19 public entities have committed to providing cost share up to $43,970,165, to support and participate in data collection, community outreach, workforce training, and program reporting.
The CARB grant did not require open solicitation. In addition to the original TEAM proposal city partners, South Coast AQMD identified potential participants through outreach to public entities with known interest in deploying zero emission technologies. To meet the tight timeline of the CARB SHIFT grant, nearly 30 public entities across the South Coast AQMD jurisdiction were engaged regarding potential participation in the TEAM program. Of these, 19 committed to participate based on the program requirements. Several public entities did not participate because of cost share requirements. Funding requests were accepted until available grant funding was committed.

The request for a sole source award with UCR and Cerritos College is made under provision B.2.d.(8): Research and development efforts with educational institutions or nonprofit organizations. Both UCR and Cerritos College were the original TEAM proposal partners. UCR has extensive experience in data collection for vehicles and equipment. Cerritos College has conducted numerous workforce trainings on battery electric technologies.

Benefits to South Coast AQMD

The TEAM program supports accelerating the deployment of specialized zero-emission vehicles and charging infrastructure. Successful completion of the TEAM program will deploy zero-emission vehicles and infrastructure with public entity fleets and further enhance the workforce on zero-emission technologies to progress toward attainment of NAAQS in the South Coast Air Basin by eliminating PM and NOx emissions from these fleets and improving the local air quality in overburdened communities. Best practices and lessons learned will be shared with other public entities in California. Total NOx and PM reductions from the deployment funded by the TEAM program are expected to be approximately 2 tons per year and 0.6 tons per year, respectively.

Resource Impacts

The initial allocation to the participating public entities, Cerritos College, and UCR totals up to $37,822,842 from GHG Reduction Projects Special Revenue Fund (67), which includes $32,257,842 from CARB and $5,565,000 from the Clean Fuels Program. Public entities will also receive up to $5,000,000 from MSRC and contribute $43,970,165 as cost share for the TEAM program.

Up to $403,233 from GHG Reduction Projects Special Revenue Fund (67) and up to $1,596,767 from the Clean Fuels Program Fund (31) for a total of $2,000,000 will be transferred and appropriated to Monitoring and Analysis FY 2026-27 and/or FY 2027-28 Budget (Org. 49), Capital Outlays Major Object, Capital Outlays Account to purchase zero-emission incident response vehicles. Up to $4,000,000 as a temporary loan, as needed, will be transferred to the GHG Reduction Projects Special Revenue Fund (67) to provide cash flow for contractor payments as a buffer for the slower CARB cost-reimbursement. Any unused Clean Fuels Program funds will be returned to the Clean Fuels Program Fund (31).

Participating Partners	Awards			MSRC Funding Contribution	Public Entity Cost Share
	CARB	Clean Fuels	Total		
Public Entities except South Coast AQMD	$32,257,842	$3,995,000	$36,252,842	$5,000,000	$43,970,165
UCR	$0	$970,000	$970,000	$0	$0
Cerritos College	$0	$600,000	$600,000	$0	$0
South Coast AQMD	$403,233	NA	$403,233	$0	$1,596,767*
Total	**$32,661,075**	**$5,565,000**	**$38,226,075**	**$5,000,000**	**$45,566,932**

*South Coast AQMD's cost share will be provided through appropriated Clean Fuels funding.

Sufficient funds are available from the Clean Fuels Program Fund (31), established as a special revenue fund resulting from the state-mandated Clean Fuels Program. The Clean Fuels Program, under Health and Safety Code Sections 40448.5 and 40512 and Vehicle Code Section 9250.11, establishes mechanisms to collect revenues from mobile sources to support projects to increase the utilization of clean fuels, including the development of the necessary advanced enabling technologies. Funds collected from motor vehicles are restricted, by statute, to be used for projects and program activities related to mobile sources that support the objectives of the Clean Fuels Program.

Attachment
Proposed Funding Awards to the Public Entities

Table 1: Proposed Funding Awards to the Public Entities*

Public Entities	Awards	MSRC Funding**
City of Burbank	$3,399,510	$0
City of Chino Hills	$241,634	$0
City of Huntington Beach	$1,243,710	$1,153,121
City of Indio	$421,912	$0
City of Long Beach	$1,106,351	$0
City of Moreno Valley	$678,101	$0
City of Palm Springs	$1,283,198	$1,183,665
City of Pasadena	$635,048	$0
City of Riverside	$2,890,567	$1,238,790
City of Santa Ana	$1,374,751	$0
City of Santa Monica	$2,132,118	$290,424
City of South Pasadena	$225,338	$0
County of Los Angeles, Internal Services Department	$7,952,000	$0
County of Orange	$3,933,921	$0
County of Riverside	$503,894	$0
County Sanitation District No. 2 of Los Angeles County	$3,532,324	$0
Jurupa Area Recreation and Park District	$76,047	$0
Ontario International Airport Authority	$4,176,231	$1,134,000
San Bernardino County	$446,187	$0
Total	**$36,252,842**	**$5,000,000**

* Battery electric Class 2B-8 vehicle and offroad equipment will be deployed under these awards, including refuse trucks, fire trucks, street sweepers, buses, vans, pickup and stake-bed trucks, service trucks, truck tractors, mobile command vehicles, forklifts, wheel loaders, and other specialized municipal vehicles and equipment, along with supporting chargers.

** Pending MSRC approval.

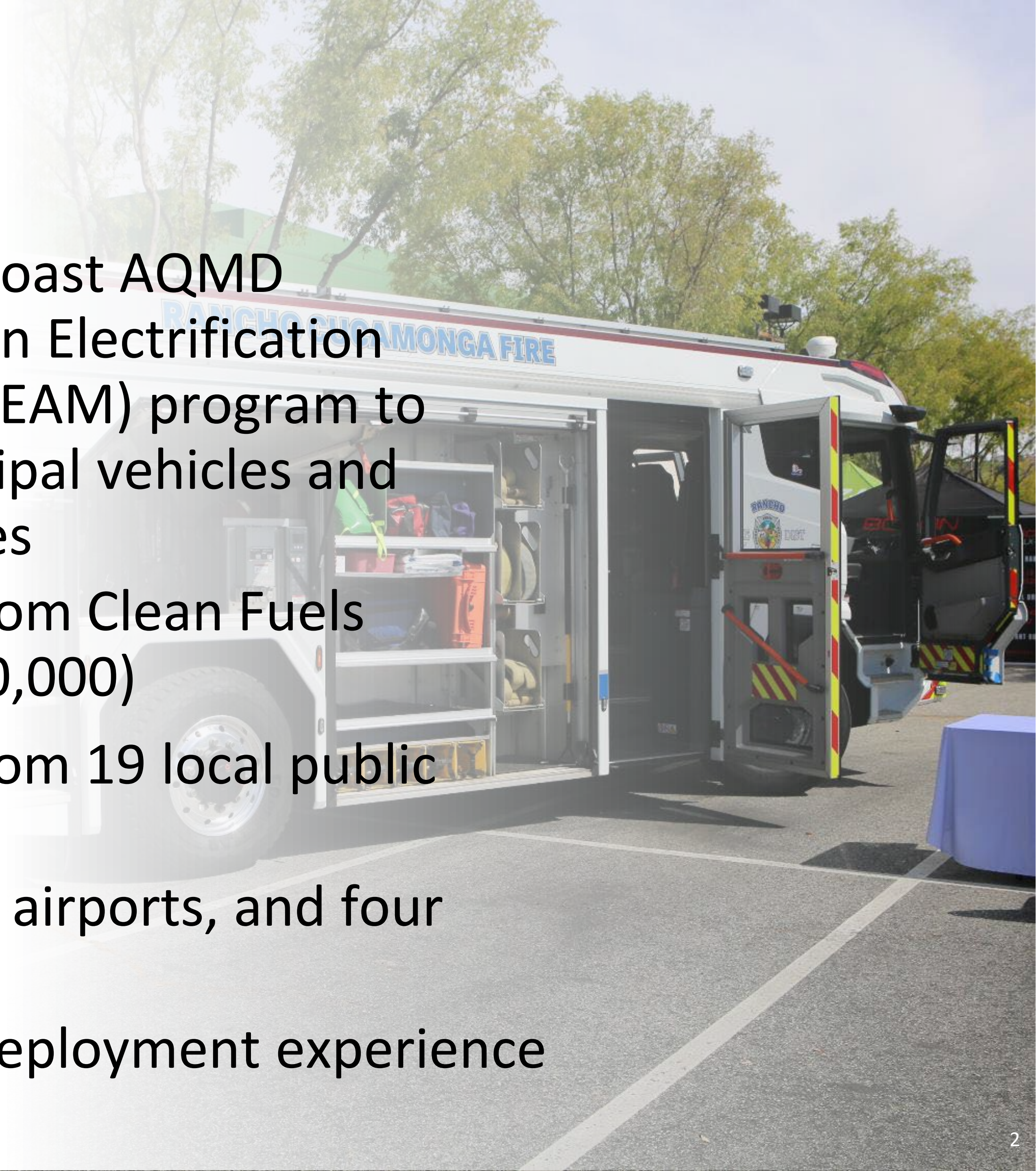
Agenda Item # 1

Execute Contracts, Transfer and Appropriate Funds to Implement Transportation Electrification Advancement for Municipalities Program

Fan Xu

Background

- June 2026, CARB awarded South Coast AQMD $35,110,390 for the Transportation Electrification Advancement for Municipalities (TEAM) program to deploy and demonstrate ZE municipal vehicles and equipment with local public entities
  - Additional funding approved from Clean Fuels ($5,565,000) and MSRC ($5,000,000)
- Funding requests were received from 19 local public entities
  - Multiple cities, special districts, airports, and four counties
  - Most of them with limited ZE deployment experience



Background (con't)

- Being a public agency, South Coast AQMD can participate in the TEAM program
- South Coast AQMD plans to deploy onsite zero-emission command center vehicles
  - Supporting emergency response to urban wildfires, structural fires, chemical releases, and other air quality incidents
  - Enhancing emergency response capabilities
  - Demonstrating zero-emission in emergency operations

Proposal

- TEAM will fund vehicles and equipment for a broad range of municipal applications, including
  - Battery electric Class 2B – 8 vehicles
  - Battery electric off-road equipment
  - Support chargers
- Projects primarily located in overburdened communities

Proposed Awards to the Public Entities

Public Entities	Awards	MSRC Funding*
City of Burbank	$3,399,510	$0
City of Chino Hills	$241,634	$0
City of Huntington Beach	$1,243,710	$1,153,121
City of Indio	$421,912	$0
City of Long Beach	$1,106,351	$0
City of Moreno Valley	$678,101	$0
City of Palm Springs	$1,283,198	$1,183,665
City of Pasadena	$635,048	$0
City of Riverside	$2,890,567	$1,238,790
City of Santa Ana	$1,374,751	$0
City of Santa Monica	$2,132,118	$290,424
City of South Pasadena	$225,338	$0
County of Los Angeles, Internal Services Department	$7,952,000	$0
County of Orange	$3,933,921	$0
County of Riverside	$503,894	$0
County Sanitation District No. 2 of Los Angeles County	$3,532,324	$0
Jurupa Area Recreation and Park District	$76,047	$0
Ontario International Airport Authority	$4,176,231	$1,134,000
San Bernardino County	$446,187	$0

* Pending MSRC approval

Proposal (cont'd)

Annual Emission Reduction Estimates (tons/yr)	
NOx	**PM**
2.0	0.6

Workforce Training

Cerritos College

- Provide training for operators and technicians of participating public fleets on battery electric vehicles/equipment, and charging systems

Data Collection

UCR

- Collect one-year operational data
- Develop fleet transition planning resources for wider adoption

Summary of Proposed Awards

Participating Partners	Awards			MSRC Contribution	Public Entity Cost Share
	CARB	Clean Fuels	Total		
Public Entities except South Coast AQMD	$32,257,842	$3,995,000	$36,252,842	$5,000,000	$43,970,165
UCR	$0	$970,000	$970,000	$0	$0
Cerritos College	$0	$600,000	$600,000	$0	$0
South Coast AQMD	$403,233	NA	$403,233	$0	$1,596,767*
Total	**$32,661,075**	**$5,565,000**	**$38,226,075**	**$5,000,000**	**$45,566,932**

*South Coast AQMD's cost share will be provided through appropriated Clean Fuels funding.

Summary of Recommended Actions

- Execute contracts with participating public entities, and academic institutions from Fund (67) for awards totaling $37,822,842
- Transfer and appropriate up to $403,233 from Fund (67) and up to $1,596,767 from Fund (31) into TAO Budget for ZE incident response vehicles
- Redistribute any returned or unused funding among the participating public entities until all available funds are exhausted;
- Authorize the Procurement Manager to issue purchase order(s) for incident response vehicles
- Transfer up to $4,000,000 from Fund (31) into Fund (67), as needed, as a temporary loan to buffer CARB reimbursement




BOARD MEETING DATE: October 2, 2026 AGENDA NO.

PROPOSAL: Issue RFP for On-Road Mobile Source Related Hydrogen-Based Zero-Emission Technology Development, Demonstration, Deployment, Workforce Development, and Air Quality Impact Projects

SYNOPSIS: South Coast AQMD's Clean Fuels Program supports the development and deployment of advanced zero-emission technologies. Hydrogen and fuel cell technologies provide a zero-emission option to reduce NOx and PM emissions from heavy-duty transportation, freight movement, port operations, off-road equipment, and other applications. This action is to issue an RFP to solicit proposals for the development, demonstration, deployment, workforce development, and air quality evaluation of hydrogen-based zero-emission technologies in an aggregate amount not to exceed $35,000,000 from the Clean Fuels Program Fund (31).

COMMITTEE: Technology, September 18, 2026; Recommended for Approval

RECOMMENDED ACTION:
Issue RFP #P2027-05 to solicit proposals for hydrogen-based zero-emission technology development, demonstration, deployment, workforce development, and air quality impact projects in an amount not to exceed $35,000,000 from the Clean Fuels Program Fund (31).

Wayne Nastri
Executive Officer

AK:MW:VP: MH

Background
Hydrogen based zero-emission technologies can play an important role in reducing emissions from heavy-duty transportation, freight and port operations, off-road equipment and backup power generation. While fuel-cell technologies continue to advance, broader deployment is constrained by hydrogen production and compression/liquefaction costs, storage and transfer losses, delivery and fueling infrastructure challenges, and the cost of fuel cell vehicle and equipment powertrain.

Targeted technology development and demonstration can help address these barriers by reducing hydrogen production and delivered fuel costs, improving storage and dispensing efficiency, minimizing hydrogen losses, expanding end-use applications, and advancing workforce training and safety. Additional research can also improve understanding of atmospheric hydrogen sources and potential effects on criteria pollutants.

Strategic investments in these areas can accelerate commercialization and deployment of hydrogen technologies, including repowering or replacing diesel-powered transit buses, heavy-duty trucks, off-road equipment, and other vehicles and machinery with zero-emission fuel cell systems.

Proposal
Staff proposes issuing an RFP to solicit projects that advance hydrogen-based zero-emission technologies across the production-to-end-use pathway. Eligible projects may include renewable hydrogen production with committed offtake, on-site production, storage and boil-off gas reduction, distribution and dispensing improvements, fuel cell powertrain development and repowering, hydrogen safety and workforce training, and studies evaluating atmospheric hydrogen, emissions, and air-quality impacts.

The RFP will prioritize projects that reduce the cost of hydrogen production and delivery, improve storage and fueling performance, expand practical fuel cell applications, and support a skilled hydrogen workforce. Additional consideration will be given to projects that demonstrate scalability and commercialization potential, committed end-use applications, leveraged cost share, research or workforce development benefits, and measurable or reasonably anticipated air quality benefits. As applicable, projects should also assess potential reductions in diesel-related NOx and PM emissions or other benefits that support deployment of zero-emission technologies.

Based on the results of the RFP, multiple firms may be recommended for award to develop, demonstrate and deploy eligible projects. Staff will return to the Board with the evaluation panel's recommendations and seek authority for the Executive Officer to execute contract(s) with qualified firm(s) under RFP #P2027-05 based on recommendations of the review panel. Staff recommends allocating up to $35,000,000 from the Clean Fuels Program Fund (31) for these projects.

Bid Evaluation
Proposals received in response to the RFP will be evaluated by a diverse, technically qualified panel familiar with the Program's work activities, implementation requirements, and resource needs. The evaluation panel will review and score proposals in accordance with the requirements and evaluation criteria specified in the RFP.

Outreach
In accordance with South Coast AQMD's Procurement Policy and Procedure, a public notice advertising the RFP and inviting proposals will be published in the Los Angeles Times, the Orange County Register, the San Bernardino Sun, and Riverside County's Press Enterprise newspapers to leverage the most cost-effective method of outreach to the South Coast Basin.

Additionally, potential bidders may be notified utilizing South Coast AQMD's own electronic listing of certified vendors. Notice of the RFP will be emailed to the Legislative Caucuses and various chambers of commerce and business associations and posted on South Coast AQMD's website (http://www.aqmd.gov), where it can be viewed by selecting "Grants & Bids."

Benefits to South Coast AQMD
Projects supporting the development, demonstration, and deployment of zero-emission vehicle technologies and related infrastructure are included in the Technology Advancement Office's Clean Fuels Program 2026 Plan Update under "Hydrogen/Mobile Fuel Cell Technologies" and "Fueling Infrastructure and Deployment." Projects selected through this RFP will advance the objectives in the Clean Fuels Program 2026 Plan Update by supporting the development and deployment of hydrogen and fuel-cell technologies and associated infrastructure. Implementation of these projects is also consistent with the 2022 AQMP, which relies on accelerated deployment of zero-emission technologies to help attain the NAAQS for ozone and PM2.5.

Resource Impacts
Sufficient funds are available in the Clean Fuels Program Fund (31) for this proposed project. The Clean Fuels Program Fund (31) is established as a special revenue fund resulting from the state mandated Cleans Fuels Program. The Clean Fuels Program, under Health and Safety Code Sections 40448.5 and 40512 and Vehicle Code Section 9250.11, establishes mechanisms to collect revenues from mobile sources to support projects to increase the utilization of clean fuels, including the development of the

necessary advanced enabling technologies. Funds collected from motor vehicles are restricted, by statute, to be used for projects and program activities related to mobile sources that support the objectives of the Clean Fuels Program.

Attachment
RFP #P2027-05–For Hydrogen-Based Zero-Emission On-Road Mobile Source Related Technology Development, Demonstration, Deployment, Workforce Development, and Air Quality Impact Projects

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

REQUEST FOR PROPOSALS

For Hydrogen-Based Zero-Emission On-Road Mobile Source Related Technology Development, Demonstration, Deployment, Workforce Development, and Air Quality Impact Projects

P2027-05

South Coast Air Quality Management District (South Coast AQMD) requests proposals for the following purpose according to terms and conditions attached. In the preparation of this Request for Proposals (RFP) the words "Proposer," "Contractor," "Consultant," “Bidder” and “Firm” are used interchangeably.

PURPOSE

Hydrogen based zero-emission technologies can play an important role in improving air quality, particularly in sectors where diesel engines remain difficult to replace, including heavy-duty transportation, freight movement, port operations, off-road equipment and backup power generation. Although hydrogen fuel cell technologies continue to advance, broader deployment remains constrained by the cost of hydrogen production and compression/liquification, storage, transfer and dispensing losses, transportation and delivery challenges, fueling infrastructure, and the cost of fuel-cell vehicle and equipment powertrains. These challenges can be overcome through technologies that can be demonstrated under this RFP along with increasing the scale of hydrogen usage, improving workforce training and safety, and better understanding of hydrogen levels in the atmosphere as related to sources, sinks, and potential impacts on criteria or greenhouse gases.

Strategic and targeted investments can help achieve economies of scale in hydrogen production, reduce delivered fuel costs, improve storage efficiency, minimize hydrogen losses, strengthen distribution and fueling networks, and accelerate the deployment of practical zero-emission applications. These applications may include the repowering or replacement of transit buses, heavy-duty trucks, off-road equipment, and other diesel-powered vehicles and machinery with hydrogen fuel-cell technologies.

The purpose of this RFP is to solicit projects that advance the use of hydrogen through projects such as hydrogen production with offtake pathways, advanced on-site hydrogen production, technologies that reduce hydrogen losses by minimizing boil-off gas, improving storage functionality, hydrogen distribution, delivery and dispensing systems, expanding applications for fuel cell powertrains and equipment, and conduct studies that quantify associated air quality and community benefits. This RFP also focuses on incorporating enhanced hydrogen safety and workforce training to support a skilled workforce for hydrogen fueling stations, production, and powertrains. Lastly, this RFP is focused on: 1) supporting the advancement of technologies that may reduce the production cost of hydrogen using renewable resources; 2) developing and demonstrating new storage and dispensing processes; 3) developing new powertrains and/or investigating the benefits of retrofit fuel cell technologies; and 4) studying the measurements of hydrogen and corresponding atmospheric levels and air quality benefits.

Priority will be given to projects that demonstrate scalability and commercialization pathways, committed end-use applications, cost-share, incorporate research and workforce development, and/or provide measurable or reasonably anticipated air quality benefits. As appropriate to the project type and stage of development, projects should include an assessment of potential diesel-related emission reductions (e.g., NOx and PM) or other factors that support the advancement and deployment of zero-emission technologies.

INDEX – The following are contained in this RFP:

SECTION I: BACKGROUND INFORMATION

South Coast AQMD is a regional governmental agency responsible for meeting air quality health standards in Orange County and the urban portions of Los Angeles, Riverside, and San Bernardino counties.

South Coast AQMD has a longstanding history of supporting research development, demonstration, and deployment projects that advance clean fuels, low- and zero-emission vehicles, and associated infrastructure. These investments are intended to achieve significant NOx and PM emission reductions, accelerate the commercialization of advanced zero-emission technologies, and support attainment of federal and state air quality standards.

Through its Clean Fuels Program, South Coast AQMD has supported technologies across a range of technology readiness levels, including advanced vehicles, fueling and charging infrastructure, fuel cells, batteries, hydrogen production and fueling systems and other mobile- and stationary source technologies. More recently, South Coast AQMD's technology advancement efforts have placed increasing emphasis on zero-emission technologies and the supporting infrastructure necessary for their successful deployment. This focus is consistent with the 2022 South Coast AQMD Air Quality Management Plan (AQMP), which identifies substantial NOx emission reductions as essential to attaining applicable air quality standards and improving public health throughout the South Coast Air Basin.

Hydrogen and fuel cell technologies represent an important component of South Coast AQMD's zero-emission technology portfolio, particularly for applications that are difficult to electrify through batteries alone. These applications may include heavy-duty transportation, drayage and freight operations, transit vehicles, off-road equipment, marine applications and stationary or backup power generation. Fuel cells offer a zero-emission alternative to higher-polluting internal combustion engines, while on-going technology demonstrations continue to address barriers related to infrastructure availability, system durability, operational reliability, cost and commercial deployment.

Although hydrogen technologies offer significant opportunities to reduce emissions, deployment remains constrained by several technical and economic barriers. These include the cost and limited scale of hydrogen production, storage and delivery losses, boil-off gas management, fueling infrastructure reliability and availability, high delivered hydrogen costs, and the cost and availability of fuel cell powertrains and related equipment. Additional demonstration and deployment activities are therefore needed to validate scalable hydrogen production pathways, reduce production and delivered-fuel costs, improve storage and distribution efficiency, increase fueling reliability and accelerate practical end-use applications such as fuel cell powertrains, repowering or conversion of existing transit buses and heavy-duty vehicles and the development and demonstration of advanced fuel cell vehicles and equipment.

The purpose of this solicitation is to support projects that advance hydrogen-based zero-emission technologies and have the potential to immediately or once fully developed provide measurable air-quality and public health benefits. Eligible projects may include, but are not limited to:

- Hydrogen production pathways that increase production scale, improve efficiency, and reduce costs;

- On-site or distributed hydrogen production systems that strengthen the connection between hydrogen supply and committed end users;

- Hydrogen storage technologies that reduce losses and improve boil-off gas capture, recovery, management, or beneficial use;

- Improvements to hydrogen transportation, distribution, delivery, compression, and dispensing systems;

- Technologies that improve the reliability, availability, throughput, and cost-effectiveness of hydrogen refueling infrastructure;

- Development, integration, demonstration, or deployment of fuel cell powertrains for heavy-duty vehicles, transit buses, off-road equipment, marine applications, or stationary power or backup systems;

- Repowering or conversion of existing buses, trucks, or other diesel-powered vehicles and equipment with hydrogen fuel cell systems; and
- Air quality, emissions, exposure or health impact studies that quantify the benefits and potential impacts associated with hydrogen production, distribution, fueling and end-use application including studies that better understand the levels, measurements, atmospheric chemistry, and sources of hydrogen into the atmosphere.
- Development of Hydrogen safety and workforce training procedure

Consistent with South Coast AQMD program objectives, priority may be given to projects that provide direct and measurable emission reductions in overburdened communities, particularly communities affected by freight movement, port operations, warehouses, industrial facilities, transit operations, and other concentrated sources of diesel emissions. Projects should clearly identify the communities and source categories that will benefit and describe the methods that will be used to quantify reductions in NOx and PM emissions, and community exposure as applicable.

Additional evaluation considerations may include project location, use of renewable or zero-emission hydrogen production pathways, anticipated hydrogen production or dispensing throughput, committed fleet demand and hydrogen offtake, technology implementation readiness, infrastructure scalability, cost effectiveness, operational reliability, public accessibility, commercialization potential, and the ability to leverage public or private co-funding. Projects that integrate hydrogen supply, infrastructure, and end-use demand into a coordinated and scalable deployment pathway may receive additional consideration.

SECTION II: CONTACT PERSON

Questions regarding the content or intent of this RFP or on procedural matters should be addressed to:

Technical:

Maryam Hajbabaei, Ph.D.
Program Supervisor, Technology Demonstration
Tel: (909) 396-2341
E-mail: mhajbabaei@aqmd.gov

Vasileios Papapostolou, Sc.D.
Technology Demonstration Manager
Tel: (909) 396-2254
E-mail: vpapapostolou@aqmd.gov

Administrative:

Anish Pathak
Procurement Manager
Tel: (909) 396-2430
E-mail: apathak@aqmd.gov

SECTION III: SCHEDULE OF EVENTS

DATE	EVENT
October 2, 2026	RFP Released
November 13, 2026	Proposals received by South Coast AQMD - **No Later Than 02:00 p.m. PST**
November 17 to December 11, 2026	Proposal Evaluations
February 2027	Recommended Awards to Governing Board
April 2027	Anticipated Contract Execution

SECTION IV: PARTICIPATION IN THE PROCUREMENT PROCESS

It is the policy of South Coast AQMD to ensure that all businesses including minority business enterprises, women business enterprises, disabled veteran business enterprises and small businesses have a fair and equitable opportunity to compete for and participate in South Coast AQMD contracts. Attachment A to this RFP contains definitions and further information.

SECTION V: STATEMENT OF WORK/SCHEDULE OF DELIVERABLES

A. Objective

The objective of this solicitation is to support hydrogen-based zero emission technology projects that reduce barriers to commercialization, lower hydrogen production and delivery costs, improve storage and system efficiency, expand hydrogen fuel cell end-use applications and provide measurable air quality benefits within, or directly benefiting, the South Coast AQMD jurisdiction.

B. Statement of Work

Eligible projects may include but are not limited to, hydrogen production, hydrogen storage and boil-off gas reduction, hydrogen transportation, delivery and fueling improvements, fuel cell powertrain development and integration, vehicle or equipment repowering, and air quality, emissions, or exposure impact studies as defined in the background section of this RFP. Proposers may submit proposals addressing one or more project categories based on their technical qualifications, project readiness, implementation capacity, and anticipated air quality benefits. The funding cap for projects with combined categories is $9 million. A minimum cash cost share is 20%, including up to 5% in-kind for all projects except project category 4 and 5.

Project Main Categories:

Project Category	Funding Cap	Minimum cost share %
1. Hydrogen production	$7 million	20%
2. Hydrogen storage, transportation, delivery, fueling, boil-off gas reduction technologies	$5 million	20%
3. Fuel Cell Powertrain development, integration, vehicle or equipment repowering	$3 million	20%
4. Air quality, emission or exposure impact studies	$1 million	5%*
5. Development of Hydrogen safety and workforce training procedure	$1 million	5%*

*2.5% cash cost share and 2.5% in kind

Task 1: Project Work Plan and Kickoff Meeting

Contractors shall prepare a comprehensive project workplan that defines the project scope, objectives, technical approach, schedule, milestones, deliverables, budget, and reporting requirements.

Contractors shall identify all project partners and describe their respective roles, responsibilities, technical contributions, and financial commitments.

Contractors shall identify applicable permitting, environmental review, site-access, utility-interconnection, safety, workforce training and regulatory requirements, as appropriate to the proposed project.

Contractors shall describe the proposed data collection, quality assurance, performance monitoring, and reporting approaches.

Contractors shall participate in a project kickoff meeting with South Coast AQMD and other designated project partners to review the approved scope of work, schedule, deliverables, responsibilities, and administrative requirements.

Task 2: Technology Description and Readiness Level, and Baseline Assessment

Contractors shall provide a detailed description of the proposed hydrogen technology, project category, intended application, current Technology Readiness Level (TRL), and anticipated pathway toward deployment or commercialization.

Contractors shall establish a defined baseline against which project performance and benefits will be evaluated. The baseline may include existing fleet or equipment performance, current hydrogen production or delivered-fuel costs, energy consumption, storage or distribution losses, fueling limitations, diesel fuel use, criteria pollutant emissions, or other applicable conditions.

Contractors shall tailor the baseline assessment to the proposed project type. Contractors proposing hydrogen production projects shall describe the production pathway, feedstock, production capacity, energy requirements, anticipated utilization and expected cost or efficiency improvements. Contractors proposing storage projects shall quantify existing storage losses and describe anticipated reductions in boil-off gas or other hydrogen losses. Contractors proposing repowering projects shall describe the existing vehicle or equipment, baseline engine or powertrain, duty-cycle, fuel use, and proposed fuel system. Contractors proposing analytical or air quality studies shall define the analytical baseline, data sources, assumptions, geographic scope, and evaluation methodology.

Task 3: Project Design, Engineering, and Methodology

Contractors shall complete the technical design, engineering, analytical methodology, and implementation planning necessary to successfully carry out the approved project.

Contractors shall develop design documentation appropriate to the project type and level of technology readiness. Such documentation may include engineering drawings, process-flow diagrams, equipment specifications, system architecture, interface control documents, modeling methods, testing protocols, deployment plans, commissioning procedures, safety plans, permitting documentation, data management plans or study methodologies.

Contractors shall identify key technical, schedule, cost, supply-chain, permitting, safety, and operational risks and describe the measures that will be implemented to avoid, mitigate, or manage those risks.

Contractors shall demonstrate that the proposed design or methodology is technically feasible, scalable, and aligned with the project’s performance, emissions reduction, and commercialization objectives.

Task 4: Demonstration, Deployment, Analysis, or Implementation

Contactors shall implement the approved project scope in accordance with the final work plan, schedule, budget, technical specifications, and applicable regulatory and safety requirements.

Contractors shall complete all activities necessary to execute the proposed project, which may include equipment procurement and installation, site preparation, system fabrication and integration, testing and commissioning, pilot demonstration, field deployment, vehicle or equipment repowering, operation of a hydrogen production, storage, delivery, or fueling system, data collection, air-quality modeling, emissions analysis, or other approved technical activities.

Contractors shall coordinate with South Coast AQMD, project partners, fleet operators, site hosts, technology providers, permitting agencies, utilities, fuel suppliers, and other relevant entities throughout project implementation.

Contractors shall document operational performance, implementation challenges, system modifications, downtime events, maintenance requirements, safety incidents, and corrective actions throughout the demonstration or analytical period.

Task 5: Performance, Cost, and Emissions Evaluation

Contractors shall evaluate project performance relative to the established baseline, approved project objectives and applicable performance targets.

Contractors shall evaluate metrics applicable to the proposed project, which may include hydrogen production volume and capacity, production and delivered-fuel cost per kilogram, energy and water consumption, system efficiency, storage losses, boil-off gas capture, recovery, or reduction, hydrogen delivery volume, fueling throughput, station or system uptime, refueling time, vehicle or equipment availability, range, fuel economy, payload capability, diesel displacement, and maintenance requirements.

Contractors shall quantify criteria pollutant emission reductions, including NOx and PM, where applicable. Contractors shall also quantify reductions in community exposure, and other air quality or public health benefits when supported by the project scope and available data.

Contractors shall evaluate project cost effectiveness, scalability, operational feasibility, and potential to support future deployment or commercialization.

Task 6: Reporting, Meetings, and Final Recommendations

Contractors shall participate in periodic progress meetings, technical reviews and other coordination meetings requested by South Coast AQMD.

Contractors shall submit periodic progress reports that summarize work completed, milestones achieved, expenditures, performance results, upcoming activities, project risks, schedule or budget variances, and corrective actions.

Contractors shall promptly notify South Coast AQMD of material technical, financial, permitting, safety, or schedule issues that may affect successful completion of the project.

Contractors shall prepare and submit a comprehensive final report documenting the project background, objectives, methodology, design, implementation activities, performance results, costs, emission and air quality benefits, challenges, corrective actions, lessons learned, and recommendations.

Contractors shall include recommendations addressing future technology development, system optimization, cost reduction, replication, scalability, deployment, and commercialization.

Contractors shall provide all final data, calculations, supporting documentation, photographs, diagrams, and other materials required by South Coast AQMD to verify project results and communicate project outcomes.

C. Eligible Project Areas

Eligible projects may include, but are not limited to:

- Scalable, efficient, and lower-cost hydrogen production pathways;
- On-site or distributed production linked to committed hydrogen users;
- Storage technologies that reduce losses and improve boil-off gas management;
- Improved hydrogen transportation, delivery, compression, and dispensing systems;
- More reliable, higher-throughput, and cost-effective refueling infrastructure;
- Fuel-cell powertrains for heavy-duty, transit, off-road, marine, and stationary applications;

- Conversion or repowering of diesel vehicles and equipment with fuel-cell systems; and
- Studies evaluating air quality, emissions, exposure, and health impacts.

D. Schedule of Deliverables

Specific deliverables and time schedules for task completion will be established by the Deputy Executive Officer, or his designee, in writing when each task is authorized. Deliverables may include but not be limited to one or more of the following: written and/or oral technical reports, spreadsheets containing calculations and technical evaluation of projects, data analysis of emissions inventory, newsletters, articles, draft position papers, language for control measures, attendance at meetings with follow-up reports, etc.

SECTION VI: REQUIRED QUALIFICATIONS

A. Proposers must demonstrate the experience, technical expertise, professional qualifications, and organized capacity necessary to successfully perform the services described in the Statement of Work. At a minimum, the proposer and proposed key personnel shall have demonstrated experience performing projects of similar scope and complexity and shall possess any licenses, certifications, education, or other professional qualifications applicable to the work.

1. Proposer shall provide sufficient documentation to demonstrate compliance with these requirements, including resumes, or statement of qualifications for key personnel, descriptions of relevant projects and experience, representative clients, and/or references, and a summary of the Proposer's overall qualifications, personnel, and resources available to perform the work.

SECTION VII: PROPOSAL SUBMITTAL REQUIREMENTS

Submitted proposals must follow the format outlined below and all requested information must be supplied. Failure to submit proposals in the required format will result in elimination from proposal evaluation. South Coast AQMD may modify the RFP or issue supplementary information or guidelines during the proposal preparation period prior to the due date. Please check our website for updates (http://www.aqmd.gov/grants-bids). The cost for developing the proposal is the responsibility of the Contractor and shall not be chargeable to South Coast AQMD.

Each proposal must be submitted in three separate volumes:

- Volume I - Technical Proposal
- Volume II - Cost Proposal
- Volume III - Certifications and Representations included in Attachment B to this RFP, must be completed and executed by an authorized official of the Contractor.

A separate cover letter, including the name, address, and telephone number of the contractor, and signed by the person or persons authorized to represent the Firm should accompany the proposal submission. Firm contact information as follows should also be included in the cover letter:

- Address and telephone number of office in, or nearest to, Diamond Bar, California.
- Name and title of Firm's representative designated as contact.

A separate Table of Contents should be provided for Volumes I and II.

VOLUME I – TECHNICAL PROPOSAL

DO NOT INCLUDE ANY COST INFORMATION IN THE TECHNICAL VOLUME

Summary (Section A) - State overall approach to meeting the objectives and satisfying the scope of work to be performed, the sequence of activities, and a description of methodology or techniques to be used.

Program Schedule (Section B) - Provide projected milestones or benchmarks for completing the project (to include reports) within the total time allowed.

Project Organization (Section C) - Describe the proposed management structure, program monitoring procedures, and organization of the proposed team. Provide a statement detailing your approach to the project, specifically address the Firm's ability and willingness to commit and maintain staffing to successfully complete the project on the proposed schedule.

Qualifications (Section D) - Describe the technical capabilities of the Firm. Provide references of other similar studies or projects performed during the last five years demonstrating ability to successfully complete the work. Include contact name, title, and telephone number for any references listed. Provide a statement of your Firm's background and related experience in performing similar services for other governmental organizations.

Assigned Personnel (Section E) - Provide the following information about the staff to be assigned to this project:

1. List all key personnel assigned to the project by level, name, and location. Provide a resume or similar statement describing the background, qualifications and experience of the lead person and all persons assigned to the project. Substitution of project manager or lead personnel will not be permitted without prior written approval of South Coast AQMD.

2. Provide a spreadsheet of the labor hours proposed for each labor category at the task level.

3. Provide a statement indicating whether or not 90% of the work will be performed within the geographical boundaries of South Coast AQMD.

4. Provide a statement of education and training programs provided to, or required of, the staff identified for participation in the project, particularly with reference to management consulting, governmental practices and procedures, and technical matters.

5. Provide a summary of your Firm's general qualifications to meet required qualifications and fulfill statement of work, including additional Firm personnel and resources beyond those who may be assigned to the project.

Subcontractors (Section F) - This project may require expertise in multiple technical areas. List any subcontractors that will be used, identifying functions to be performed by them, their related qualifications and experience and the total number of hours or percentage of time they will spend on the project.

Conflict of Interest (Section G) - Address possible conflicts of interest with other clients affected by actions performed by the Firm on behalf of South Coast AQMD. South Coast AQMD recognizes that prospective Contractors may be performing similar projects for other clients. Include a complete list of such clients for the past three (3) years with the type of work performed and the total number of years performing such tasks for each client. Although the Proposer will not be automatically disqualified by reason of work performed for such clients, South Coast AQMD reserves the right to consider the nature and extent of such work in evaluating the proposal.

Additional Data (Section H) - Provide other essential data that may assist in the evaluation of this proposal.

VOLUME II – COST PROPOSAL

Name and Address - The Cost Proposal must list the name and complete address of the Proposer in the upper left-hand corner.

Cost Proposal – South Coast AQMD anticipates awarding a fixed priced contract. Cost information must be provided as listed below

1. Detail must be provided by the following categories:

   A. Labor – The Cost Proposal must list the fully-burdened hourly rates and the total number of hours estimated for each level of professional and administrative staff to be used to perform the tasks required by this RFP. Costs should be estimated for each of the components of the work plan.

   B. Subcontractor Costs - List subcontractor costs and identify subcontractors by name. Itemize subcontractor charges per hour or per day.

   C. Travel Costs - Indicate amount of travel cost and basis of estimate to include trip destination, purpose of trip, length of trip, airline fare or mileage expense, per diem costs, lodging and car rental.

   D. Other Direct Costs -This category may include such items as postage and mailing expense, printing and reproduction costs, etc. Provide a basis of estimate for these costs.

2. It is the policy of the South Coast AQMD to receive at least as favorable pricing, warranties, conditions, benefits and terms as other customers or clients making similar purchases or receiving similar services. South Coast AQMD will give preference, where appropriate, to vendors who certify that they will provide "most favored customer" status to the South Coast AQMD. To receive preference points, Proposer shall certify that South Coast AQMD is receiving "most favored customer" pricing in the Business Status Certifications page of Volume III, Attachment B – Certifications and Representations.

VOLUME III – CERTIFICATIONS AND REPRESENTATIONS

(see Attachment B to this RFP)

SECTION VIII: PROPOSAL SUBMISSION

All proposals must be submitted according to specifications set forth in the section above, and this section. Failure to adhere to these specifications may be cause for rejection of the proposal.

Signature - All proposals must be signed by an authorized representative of the Proposer.

Due Date - All proposals are due no later than 2:00 p.m. PST, **Friday, November 13, 2026** and should be directed to:

Procurement Unit
South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765-4178
Phone: (909) 396-3520

Submittal - Submit four (4) complete copies and one flash drive electronic copy of the proposal in a sealed envelope, plainly marked in the upper left-hand corner with the name and address of the Proposer and the words "Request for Proposals P2027-05."

Late bids/proposals will not be accepted under any circumstances.

Grounds for Rejection - A proposal may be immediately rejected if:

- It is not prepared in the format described, or
- It is signed by an individual not authorized to represent the Firm.

Modification or Withdrawal - Once submitted, proposals cannot be altered without the prior written consent of South Coast AQMD. All proposals shall constitute firm offers and may not be withdrawn for a period of ninety (90) days following the last day to accept proposals.

SECTION IX: PROPOSAL EVALUATION/CONTRACTOR SELECTION CRITERIA

A. Proposals will be evaluated by a panel of three to five South Coast AQMD staff members and/or subject-matter experts from other governmental agencies or academic institutions with relevant expertise. The panel shall be appointed by the Deputy Executive Officer of the Technology Advancement Office or his designee. In addition, the evaluation panel may include such outside public sector or academic community expertise as deemed desirable by the Deputy Executive Officer. The panel will make a recommendation to the Executive Officer and/or the Governing Board of South Coast AQMD for final selection of a contractor and negotiation of a contract.

B. Each member of the evaluation panel shall be accorded equal weight in his or her rating of proposals. The evaluation panel members shall evaluate the proposals according to the specified criteria and numerical weightings set forth below.

1. Proposal Evaluation Criteria

Because eligible projects may vary substantially in technology type, TRL, scope, and intended outcome, proposals will be evaluated using criteria and performance metrics appropriate to each project category. Applicable evaluation considerations may include: (1) readiness for deployment; (2), measurable or reasonably anticipated emission or air quality benefits; (3) cost-effectiveness; (4) scalability and potential for widespread use; and (5) commercialization potential.

(a) <u>R&D Projects Requiring Technical or Scientific Expertise, or Special Projects Requiring Unique Knowledge or Abilities</u> Points

Understanding of Requirement: Understanding of project objectives, technical needs, baseline conditions, intended applications, scalability, and alignment with RFP goals.	20
Technical/Management Approach: Technical merit and innovation; work plan, milestones, and deliverables; project readiness; performance verification; project management and risk mitigation.	20
Contractor Qualifications: Relevant technical expertise; qualifications of key personnel; facilities and resources; project partners; organizational and financial capacity.	20
Previous Experience on Similar Projects:	10

Experience with comparable projects; demonstrated results; experience managing publicly funded projects; and successful project delivery.	
Cost: Reasonableness of project cost and South Coast AQMD funding request; applicable normalized cost/performance metrics*; leveraged funding; and potential for future cost reduction and commercialization.	30
TOTAL	100

*As applicable, normalized cost/performance metrics for each project category shall include, but are not limited to, the following:

- **Hydrogen Production:** \$/kg H_2 produced, kWh/kg H_2, \$/kg-day production capacity, and production volume/capacity factor.
- **Storage and Delivery:** \$/kg H_2 stored or delivered, percent hydrogen loss or boil-off reduction, and \$/kg H_2 recovered or loss avoided.
- **Hydrogen Refueling:** \$/kg H_2 dispensed, \$/kg-day dispensing capacity, throughput, utilization, and uptime.
- **Fuel-Cell Vehicles/Repowers:** \$/vehicle or equipment, \$/kW installed, diesel displaced, and \$/ton of NOx or PM reduced, where applicable.
- **Stationary/Backup Power:** \$/kW installed, \$/kWh generated, system efficiency, and diesel displacement.
- **R&D Projects:** Cost per major milestone, technology readiness advancement, leveraged funding, and projected cost-reduction or commercialization potential.
- **Air Quality Studies:** Cost relative to study scope, monitoring or analytical coverage, and value in addressing identified air quality data gaps.
- **Workforce Development:** Cost per participant, number trained, industry participation, and training, certification, internship, or placement outcomes.

Only metrics applicable to the proposed project type will be considered. Projects will not be penalized when a particular metric, such as \$/kg of hydrogen produced or quantified emission reductions, is not applicable to the proposed scope.

(b) Additional Points

Small Business or Small Business Joint Venture	10
DVBE or DVBE Joint Venture	10
Use of DVBE or Small Business Subcontractors	7
Zero or Near-Zero Emission Vehicle Business	5
Local Business (Non-Federally Funded Projects Only)	5
Off-Peak Hours Delivery Business	2
Most Favored Customer	2

The cumulative points awarded for small business, DVBE, use of small business or DVBE subcontractors, Zero or Near-Zero emission vehicle business, local business, and off-peak hours delivery business shall not exceed 15 points. Most Favored Customer status incentive points shall be added, as applicable for a total of 17 points.

<u>Self-Certification for Additional Points</u>

The award of these additional points shall be contingent upon Proposer completing the Self-Certification section of Attachment B – Certifications and Representations and/or inclusion of a statement in the proposal self- certifying that Proposer qualifies for additional points as detailed above.

2. To receive additional points in the evaluation process for the categories of Small Business or Small Business Joint Venture, DVBE or DVBE Joint Venture or Local Business (for non-federally funded projects), the Proposer must submit a self-certification at the time of proposal submission certifying that the Proposer meets the requirements set forth in Attachments A and B. To receive points for the use of DVBE and/or Small Business subcontractors, at least 25 percent of the total contract value must be subcontracted to DVBEs and/or Small Businesses. To receive points as a Zero or Near-Zero Emission Vehicle Business, the Proposer must demonstrate to the Executive Officer, or designee, that supplies and materials delivered to South Coast AQMD are delivered in vehicles that operate on clean-fuels. To receive points as a Local Business, the Proposer must affirm that it has an ongoing business within the South Coast AQMD at the time of bid/proposal submittal and that 90% of the work related to the contract will be performed within the South Coast AQMD. Proposals for legislative representation, such as in Sacramento, California or Washington D.C. are not eligible for local business incentive points. Federally funded projects are not eligible for local business incentive points. To receive points as an Off-Peak Hours Delivery Business, the proposer must submit, at proposal submission, certification of its commitment to delivering supplies and materials to South Coast AQMD between the hours of 10:00 a.m. and 3:00 p.m. To receive points for Most Favored Customer status, the Proposer must submit, at proposal submission, certification of its commitment to provide most favored customer status to the South Coast AQMD. The cumulative points awarded for Small Business, DVBE, use of Small Business or DVBE Subcontractors, Local Business, Zero or Near- Zero Emission

Vehicle Business, Off-Peak Hour Delivery Business and Most Favored Customer shall not exceed 17 points.

3. For procurement of Research and Development (R & D) projects or projects requiring technical or scientific expertise or special projects requiring unique knowledge and abilities, technical factors including past experience shall be weighted at 70 points and cost shall be weighted at 30 points. A proposal must receive at least 56 out of 70 points on R & D projects and projects requiring technical or scientific expertise or special projects requiring unique knowledge and abilities, in order to be deemed qualified for award.

C. During the selection process the evaluation panel may wish to interview some proposers for clarification purposes only. No new material will be permitted at this time. Additional information provided during the bid review process is limited to clarification by the Proposer of information presented in his/her proposal, upon request by South Coast AQMD.

D. The Executive Officer or Governing Board may award the contract to a Proposer, other than the Proposer receiving the highest rating, in the event the Governing Board determines that another Proposer from among those technically qualified would provide the best value to South Coast AQMD considering cost and technical factors. The determination shall be based solely on the Evaluation Criteria contained in the Request for Proposal (RFP), on the evidence provided in the proposal and on any other evidence provided during the bid review process.

E. Selection will be made based on the above-described criteria and rating factors. The selection will be made by and is subject to Executive Officer or Governing Board approval. Proposers may be notified of the results by letter.

F. The Governing Board has approved a Bid Protest Procedure, which provides a process for a Bidder or prospective Bidder to submit a written protest to the South Coast AQMD Procurement Manager in recognition of two types of protests: Protest Regarding Solicitation and Protest Regarding Award of a Contract. Copies of the Bid Protest Policy can be secured through a request to the South Coast AQMD Procurement Department.

G. The Executive Officer or Governing Board may award contracts to more than one Proposer if, in (his or their) sole judgment, the purposes of the contract or award would best be served by selecting multiple proposers.

H. If additional funds become available, the Executive Officer or Governing Board may increase the amount awarded. The Executive Officer or Governing Board may also select additional proposers for a grant or contract if additional funds become available.

I. Disposition of Proposals – Pursuant to South Coast AQMD's Procurement Policy and Procedure, South Coast AQMD reserves the right to reject any or all proposals. All proposals become the property of South Coast AQMD and are subject to the California Public Records Act. One copy of the proposal shall be retained for South Coast AQMD files. Additional copies and materials will be returned only if requested and at the proposer's expense.

J. Intellectual Property Rights - The successful proposer shall acknowledge that title to and full ownership of all documents, reports, technical data, and other materials resulting from the performance of the resulting contract shall remain with South Coast AQMD and shall be considered South Coast AQMD proprietary information. South Coast AQMD shall have an unlimited right to use technical data, including material designated as a trade secret, resulting from the performance of the services. The successful proposer may use such technical data for its own benefit, subject to applicable confidentiality obligations. The successful proposer shall also grant South Coast AQMD a royalty-free, nonexclusive, irrevocable license to reproduce, translate, publish, use, distribute, and otherwise utilize materials developed in connection with the services for South Coast AQMD's purposes. The selected proposer will be required to incorporate these intellectual property rights and obligations into the resulting contract.

K. **If proposal submittal is for a Public Works project as defined by State of California Labor Code Section 1720, Proposer is required to include Contractor Registration No. in Attachment B. Proposal submittal will be deemed as non-responsive and Bidder may be disqualified if Contractor Registration No. is not included in Attachment B. Proposer is alerted to changes to California Prevailing Wage compliance requirements as defined in Senate Bill 854 (Stat. 2014, Chapter 28), and California Labor Code Sections 1770, 1771, 1725.5, 1777, 1813 and 1815.**

L. <u>PERFORMANCE AND PAYMENT BONDS</u>
Performance and payment bond requirements will be applicable when work is performed on South Coast AQMD premises.

Before execution of the Contract, the Contractor shall file surety bonds in the amounts and for the purpose specified in the Request for Proposal (RFP). Bonds shall be issued by a surety who is listed in the latest version of U.S. Department of Treasury Circular 570, who is authorized to issue bonds in California, and whose bonding limitation shown in said circular is sufficient to provide bonds in the amount required by the Contract shall be approved by South Coast AQMD. Bonds from all other sureties shall be accompanied by all of the documents enumerated in the Code of Civil Procedure, Section 995.660a).

Each bond shall incorporate, by reference, the Contract and be signed by both the Bidder and Surety. The signature of the authorized agent of the Surety shall be notarized. The Contractor shall provide 2 good and sufficient surety bonds.

<u>PERFORMANCE BOND</u>

The Performance Bond shall be for 100 percent of the Contract Price to guaranty faithful performance of all work, within the time prescribed, in a manner satisfactory to South Coast AQMD, and that all materials and workmanship will be free from original or developed defects. The bond must remain in effect until the end of all warranty periods as set forth in the Contract Documents

The selected Contractor shall be required to furnish and pay all bond premiums, costs and incidentals listed below.

Should any bond become insufficient, the Contractor shall renew the bond within 10 days after receiving notice from South Coast AQMD.

Should any surety at any time be unsatisfactory to South Coast AQMD, notice to the effect will be given to the Contractor. No further payments shall be deemed due or will be made under the Contract until a new surety qualifies and is accepted by South Coast AQMD.

Changes in the Project or extension of time, made pursuant to the Contract, shall in no way release the Contractor of Surety from the obligation. Notice of such changes or extensions shall be waived by the Surety.

PAYMENT BOND

Within fourteen days after execution of the Contract by South Coast AQMD and prior to performing any work under the Contract, the CONTRACTOR shall file with South Coast AQMD a Payment Bond (material and labor bond) in an amount equal to one hundred percent (100%) of the contract price to satisfy claims of material suppliers and of mechanics and laborers employed by the Contractor to perform the work.

The Payment Bond shall be not for less than 100 percent (100%) of the Contract price to satisfy claims of material suppliers, mechanics, and laborers employed on the Project. The Bond shall be maintained by the Contractor in full force and effect until the performance of the Contract is accepted by South Coast AQMD and until all claims for materials and labor are paid, and otherwise comply with the Civil Code. Contractor shall provide South Coast AQMD with Conditional Lien Releases with each payment request and Unconditional Lien Releases for the final payment for all material suppliers, mechanics and laborers employed on the Project.

UNSATISFACTORY SURETIES

Should any Surety, at any time, be deemed unsatisfactory by South Coast AQMD, notice will be given to the Contractor to that effect. No further payments shall be deemed due or will be made under the Contract until a new Surety shall qualify and be accepted by South Coast AQMD.

EFFECT OF CHANGES IN THE WORK/EXTENSIONS OF TIME ON THE SURETY

Changes in the work, or extensions of time, made pursuant to the Contract, shall in no way release the Contractor or the Surety from their obligations under the bond. Notice of such changes or extensions shall be waived by the Surety.

SECTION X: FUNDING

The total South Coast AQMD funding available for this RFP is $35,000,000. Multiple awards are anticipated from this RFP. Due to the varied nature of the work, the actual award amounts cannot be determined at this time, and the total amount of funding to be recommended for the Board's consideration for each contract will be dependent upon each awarded proposal's technical merits. Sufficient funds are available in the Clean Fuels Program Fund.

SECTION XI: SAMPLE CONTRACT

A sample contract to carry out the work described in this RFP is available on South Coast AQMD's website at http://www.aqmd.gov/grants-bids or upon request from the RFP Contact Person (Section II)

ATTACHMENT A

PARTICIPATION IN THE PROCUREMENT PROCESS

A. It is the policy of South Coast Air Quality Management District (South Coast AQMD) to ensure that all businesses including minority business enterprises, women business enterprises, disabled veteran business enterprises and small businesses have a fair and equitable opportunity to compete for and participate in South Coast AQMD contracts.

B. Definitions:

The definition of minority, women or disadvantaged business enterprises set forth below is included for purposes of determining compliance with the affirmative steps requirement described in Paragraph G below on procurements funded in whole or in part with federal grant funds which involve the use of subcontractors. The definition provided for disabled veteran business enterprise, local business, small business enterprise, Zero or Near-Zero emission vehicle business and off-peak hours delivery business are provided for purposes of determining eligibility for point or cost considerations in the evaluation process.

1. “Women business enterprise” (WBE) as used in this policy means a business enterprise that meets all of the following criteria:

    a. a business that is at least 51 percent (51%) owned by one or more women, or in the case of any business whose stock is publicly held, at least 51 percent (51%) of the stock is owned by one or more or women.

    b. a business whose management and daily business operations are controlled by one or more women.

    c. a business which is a sole proprietorship, corporation, or partnership with its primary headquarters office located in the United States, which is not a branch or subsidiary of a foreign corporation, foreign firm, or other foreign-based business.

2. “Disabled veteran” as used in this policy is a United States military, naval, or air service veteran with at least 10 percent (10%) service-connected disability who is a resident of California.

3. “Disabled veteran business enterprise” (DVBE) as used in this policy means a business enterprise that meets all the following criteria:

    a. is a sole proprietorship or partnership of which at least 51 percent (51%) is owned by one or more disabled veterans or, in the case of a publicly owned business, at least 51 percent (51%) of its stock is owned by one or more disabled veterans; a subsidiary which is wholly owned by a parent corporation but only if at least 51 percent (51%) of the voting stock of the parent corporation is owned by one or more disabled veterans; or a joint venture in which at least 51 percent (51%) of the joint venture's management and control and earnings are held by one or more disabled veterans.

b. the management and control of the daily business operations are by one or more disabled veterans. The disabled veterans who exercise management and control are not required to be the same disabled veterans as the owners of the business.

c. is a sole proprietorship, corporation, or partnership with its primary headquarters office located in the United States, which is not a branch or subsidiary of a foreign corporation, firm, or other foreign-based business.

4. "Local business" as used in this policy means a company that has an ongoing business within geographical boundaries of South Coast AQMD at the time of bid or proposal submittal and performs 90 percent (90%) of the work related to the contract within the geographical boundaries of South Coast AQMD and satisfies the requirements of subparagraph H below. Proposals for legislative representation, such as in Sacramento, California or Washington D.C. are not eligible for local business incentive points.

5. "Small business" as used in this policy means a business that meets the following criteria:

   a. 1) an independently owned and operated business; 2) not dominant in its field of operation; 3) together with affiliates is either:

      - A service, construction, or non-manufacturer with 100 or fewer employees, and average annual gross receipts of ten million dollars ($10,000,000) or less over the previous three years, or

      - A manufacturer with 100 or fewer employees.

   b. "Manufacturer" means a business that is both of the following:

      1) Primarily engaged in the chemical or mechanical transformation of raw materials or processed substances into new products.

      2) Classified between Codes 311000 and 339000, inclusive, of the North American Industrial Classification System (NAICS) Manual published by the United States Office of Management and Budget, 2007 edition.

6. "Joint ventures" as defined in this policy pertaining to certification means that one party to the joint venture is a DVBE or small business and owns at least 51 percent (51%) of the joint venture.

7. "Zero or Near-Zero Emission Vehicle Business" as used in this policy means a company or contractor that uses Zero or Near-Zero emission vehicles in conducting deliveries to South Coast AQMD. Zero or Near-Zero emission vehicles

include vehicles powered by electric, compressed natural gas (CNG), liquefied natural gas (LNG), liquefied petroleum gas (LPG), ethanol, methanol and hydrogen and are certified to 90 percent (90%) or lower of the existing standard.

8. "Off-Peak Hours Delivery Business" as used in this policy means a company or contractor that commits to conducting deliveries to South Coast AQMD during off-peak traffic hours defined as between 10:00 a.m. and 3:00 p.m.

9. "Benefits Incentive Business" as used in this policy means a company or contractor that provides janitorial, security guard or landscaping services to South Coast AQMD and commits to providing employee health benefits (as defined below in Section VIII.D.2.d) for full time workers with affordable deductible and co-payment terms.

10. "Minority Business Enterprise" as used in this policy means a business that is at least 51 percent (10%) owned by one or more minority person(s), or in the case of any business whose stock is publicly held, at least 51 percent of the stock is owned by one or more or minority persons.

    a. a business whose management and daily business operations are controlled by one or more minority persons.

    b. a business which is a sole proprietorship, corporation, or partnership with its primary headquarters office located in the United States, which is not a branch or subsidiary of a foreign corporation, foreign firm, or other foreign-based business.

    c. "Minority person" for purposes of this policy, means a Black American, Hispanic American, Native-American (including American Indian, Eskimo, Aleut, and Native Hawaiian), Asian-Indian (including a person whose origins are from India, Pakistan, and Bangladesh), Asian-Pacific-American (including a person whose origins are from Japan, China, the Philippines, Vietnam, Korea, Samoa, Guam, the United States Trust Territories of the Pacific, Northern Marianas, Laos, Cambodia, and Taiwan).

11. "Most Favored Customer" as used in this policy means that the South Coast AQMD will receive at least as favorable pricing, warranties, conditions, benefits and terms as other customers or clients making similar purchases or receiving similar services.

12. "Disadvantaged Business Enterprise" as used in this policy means a business that is an entity owned and/or controlled by a socially and economically disadvantaged individual(s) as described by Title X of the Clean Air Act Amendments of 1990 (42 U.S.C. 7601 note) (10% statute), and Public Law 102-389 (42 U.S.C. 4370d)(8% statute), respectively:
    - a Small Business Enterprise (SBE);
    - a Small Business in a Rural Area (SBRA);
    - a Labor Surplus Area Firm (LSAF); or

- a Historically Underutilized Business (HUB) Zone Small Business Concern, or a concern under a successor program.

C. Under Request for Quotations (RFQ), DVBEs, DVBE business joint ventures, small businesses, and small business joint ventures shall be granted a preference in an amount equal to 5 percent (5%) of the lowest cost responsive bid. Zero or Near-Zero Emission Vehicle Businesses shall be granted a preference in an amount equal to 5 percent of the lowest cost responsive bid. Off-Peak Hours Delivery Businesses shall be granted a preference in an amount equal to 2 percent (2%) of the lowest cost responsive bid. Local businesses (if the procurement is not funded in whole or in part by federal grant funds) shall be granted a preference in an amount equal to 2 percent (2%) of the lowest cost responsive bid. Businesses offering Most Favored Customer status shall be granted a preference in an amount equal to 2 percent (2%) of the lowest cost responsive bid.

D. Under Request for Proposals, DVBEs, DVBE joint ventures, small businesses, and small business joint ventures shall be awarded ten (10) points in the evaluation process. A non-DVBE or large business shall receive seven (7) points for subcontracting at least 25 percent (25%) of the total contract value to a DVBE and/or small business. Zero or Near-Zero Emission Vehicle Businesses shall be awarded five (5) points in the evaluation process. On procurements which are not funded in whole or in part by federal grant funds local businesses shall receive five (5) points. Off-Peak Hours Delivery Businesses shall be awarded two (2) points in the evaluation process. Businesses offering Most Favored Customer status shall be awarded two (2) points in the evaluation process.

E. South Coast AQMD will ensure that discrimination in the award and performance of contracts does not occur on the basis of race, color, sex, national origin, marital status, sexual preference, creed, ancestry, medical condition, or retaliation for having filed a discrimination complaint in the performance of South Coast AQMD contractual obligations.

F. South Coast AQMD requires Contractor to be in compliance with all state and federal laws and regulations with respect to its employees throughout the term of any awarded contract, including state minimum wage laws and OSHA requirements.

G. When contracts are funded in whole or in part by federal funds, and if subcontracts are to be let, the Contractor must comply with the following, evidencing a good faith effort to solicit disadvantaged businesses. Contractor shall submit a certification signed by an authorized official affirming its status as a MBE or WBE, as applicable, at the time of contract execution. South Coast AQMD reserves the right to request documentation demonstrating compliance with the following good faith efforts prior to contract execution.

   1. Ensure Disadvantaged Business Enterprises (DBEs) are made aware of contracting opportunities to the fullest extent practicable through outreach and recruitment activities. For Indian Tribal, State and Local Government recipients,

this will include placing DBEs on solicitation lists and soliciting them whenever they are potential sources.

2. Make information on forthcoming opportunities available to DBEs and arrange time frames for contracts and establish delivery schedules, where the requirements permit, in a way that encourages and facilitates participation by DBEs in the competitive process. This includes, whenever possible, posting solicitations for bids or proposals for a minimum of 30 calendar days before the bid or proposal closing date.

3. Consider in the contracting process whether firms competing for large contracts could subcontract with DBEs. For Indian Tribal, State and Local Government recipients, this will include dividing total requirements when economically feasible into smaller tasks or quantities to permit maximum participation by DBEs in the competitive process.

4. Encourage contracting with a consortium of DBEs when a contract is too large for one of these firms to handle individually.

5. Using the services and assistance of the Small Business Administration and the Minority Business Development Agency of the Department of Commerce.

6. If the prime contractor awards subcontracts, require the prime contractor to take the above steps.

H. To the extent that any conflict exists between this policy and any requirements imposed by federal and state law relating to participation in a contract by a certified MBE/WBE/DVBE as a condition of receipt of federal or state funds, the federal or state requirements shall prevail.

I. When contracts are not funded in whole or in part by federal grant funds, a local business preference will be awarded. For such contracts that involve the purchase of commercial off-the-shelf products, local business preference will be given to suppliers or distributors of commercial off-the-shelf products who maintain an ongoing business within the geographical boundaries of South Coast AQMD. However, if the subject matter of the RFP or RFQ calls for the fabrication or manufacture of custom products, only companies performing 90 percent (90%) of the manufacturing or fabrication effort within the geographical boundaries of South Coast AQMD shall be entitled to the local business preference. Proposals for legislative representation, such as in Sacramento, California or Washington D.C. are not eligible for local business incentive points.

J. In compliance with federal fair share requirements set forth in 40 CFR Part 33, South Coast AQMD shall establish a fair share goal annually for expenditures with federal funds covered by its procurement policy.

ATTACHMENT B

Certifications and Representations

South Coast
Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178

(909) 396-2000 • www.aqmd.gov

Business Information Request

Dear South Coast AQMD Contractor/Supplier:

South Coast Air Quality Management District (South Coast AQMD) is committed to ensuring that our contractor/supplier records are current and accurate. If your firm is selected for award of a purchase order or contract, it is imperative that the information requested herein be supplied in a timely manner to facilitate payment of invoices. In order to process your payments, we need the enclosed information regarding your account. **Please review and complete the information identified on the following pages, remember to sign all documents for our files, and return them as soon as possible to the address below:**

Attention: Accounts Payable, Accounting Department
South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765-4178

If you do not return this information, we will not be able to establish you as a vendor. This will delay any payments and would still necessitate your submittal of the enclosed information to our Accounting department before payment could be initiated. Completion of this document and enclosed forms would ensure that your payments are processed timely and accurately.

If you have any questions or need assistance in completing this information, please contact Accounting at (909) 396-3777. We appreciate your cooperation in completing this necessary information.

Sincerely,

Sujata Jain
Chief Financial Officer

DH:nd

Enclosures: Business Information Request
Disadvantaged Business Certification
W-9
Form 590 Withholding Exemption Certificate
Federal Contract Debarment Certification
Campaign Contributions Disclosure

South Coast
Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

BUSINESS INFORMATION REQUEST

Business Name	
Division of	
Subsidiary of	
Website Address	
Type of Business *Check One:*	☐ Individual ☐ DBA, Name _______________, County Filed in _______________ ☐ Corporation, ID No. ________________ ☐ LLC/LLP, ID No. _______________ ☐ Other _______________

REMITTING ADDRESS INFORMATION

Address			
City/Town			
State/Province		Zip	
Phone	( ) - Ext	Fax	( ) -
Contact			
E-mail Address			
Payment Name if Different			

All invoices must reference the corresponding Purchase Order Number(s)/Contract Number(s) if applicable and mailed to:

Attention: Accounts Payable, Accounting Department
South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765-4178

BUSINESS STATUS CERTIFICATIONS

Federal guidance for utilization of disadvantaged business enterprises allows a vendor to be deemed a small business enterprise (SBE), minority business enterprise (MBE) or women business enterprise (WBE) if it meets the criteria below.

- is certified by the Small Business Administration or
- is certified by a state or federal agency or
- is an independent MBE(s) or WBE(s) business concern which is at least 51 percent owned and controlled by minority group member(s) who are citizens of the United States.

Statements of certification:

As a prime contractor to South Coast AQMD,__________________________(name of business) will engage in good faith efforts to achieve the fair share in accordance with 40 CFR Section 33.301, and will follow the six affirmative steps listed below **for contracts or purchase orders funded in whole or in part by federal grants and contracts.**

1. Place qualified SBEs, MBEs, and WBEs on solicitation lists.
2. Assure that SBEs, MBEs, and WBEs are solicited whenever possible.
3. When economically feasible, divide total requirements into small tasks or quantities to permit greater participation by SBEs, MBEs, and WBEs.
4. Establish delivery schedules, if possible, to encourage participation by SBEs, MBEs, and WBEs.
5. Use services of Small Business Administration, Minority Business Development Agency of the Department of Commerce, and/or any agency authorized as a clearinghouse for SBEs, MBEs, and WBEs.
6. If subcontracts are to be let, take the above affirmative steps.

Self-Certification Verification: Also for use in awarding additional points, as applicable, in accordance with South Coast AQMD Procurement Policy and Procedure:

Check all that apply:

☐ Small Business Enterprise/Small Business Joint Venture
☐ *Local business*
☐ Minority-owned Business Enterprise
☐ Women-owned Business Enterprise
☐ *Disabled Veteran-owned Business Enterprise/DVBE Joint Venture*
☐ Most Favored Customer Pricing Certification

Percent of ownership: ________ *%*

Name of Qualifying Owner(s): ______________________________________ ______________________________________

State of California Public Works Contractor Registration No. _______________________. MUST BE INCLUDED IF BID PROPOSAL IS FOR PUBLIC WORKS PROJECT.

I, the undersigned, hereby declare that to the best of my knowledge the above information is accurate. Upon penalty of perjury, I certify information submitted is factual.

NAME	***TITLE***
TELEPHONE NUMBER	***DATE***

Definitions

__**Disabled Veteran-Owned Business Enterprise** means a business that meets all of the following criteria:__

- is a sole proprietorship or partnership of which is at least 51 percent owned by one or more disabled veterans, or in the case of any business whose stock is publicly held, at least 51 percent of the stock is owned by one or more disabled veterans; a subsidiary which is wholly owned by a parent corporation but only if at least 51 percent of the voting stock of the parent corporation is owned by one or more disabled veterans; or a joint venture in which at least 51 percent of the joint venture's management and control and earnings are held by one or more disabled veterans.
- the management and control of the daily business operations are by one or more disabled veterans. The disabled veterans who exercise management and control are not required to be the same disabled veterans as the owners of the business.
- is a sole proprietorship, corporation, partnership, or joint venture with its primary headquarters office located in the United States and which is not a branch or subsidiary of a foreign corporation, firm, or other foreign-based business.

Joint Venture means that one party to the joint venture is a DVBE and owns at least 51 percent of the joint venture. In the case of a joint venture formed for a single project this means that DVBE will receive at least 51 percent of the project dollars.

Local Business means a business that meets all of the following criteria:

- has an ongoing business within the boundary of South Coast AQMD at the time of bid application.
- performs 90 percent of the work within South Coast AQMD's jurisdiction.

Minority-Owned Business Enterprise means a business that meets all of the following criteria:

- is at least 51 percent owned by one or more minority persons or in the case of any business whose stock is publicly held, at least 51 percent of the stock is owned by one or more minority persons.
- is a business whose management and daily business operations are controlled or owned by one or more minority person.
- is a business which is a sole proprietorship, corporation, partnership, joint venture, an association, or a cooperative with its primary headquarters office located in the United States, which is not a branch or subsidiary of a foreign corporation, foreign firm, or other foreign business.

"Minority" person means a Black American, Hispanic American, Native American (including American Indian, Eskimo, Aleut, and Native Hawaiian), Asian-Indian American (including a person whose origins are from India, Pakistan, or Bangladesh), Asian-Pacific American (including a person whose origins are from Japan, China, the Philippines, Vietnam, Korea, Samoa, Guam, the United States Trust Territories of the Pacific, Northern Marianas, Laos, Cambodia, or Taiwan).

Small Business Enterprise means a business that meets the following criteria:

a. 1) an independently owned and operated business; 2) not dominant in its field of operation; 3) together with affiliates is either:

   - A service, construction, or non-manufacturer with 100 or fewer employees, and average annual gross receipts of ten million dollars ($10,000,000) or less over the previous three years, or

   - A manufacturer with 100 or fewer employees.

b. Manufacturer means a business that is both of the following:

   1) Primarily engaged in the chemical or mechanical transformation of raw materials or processed substances into new products.

   2) Classified between Codes 311000 to 339000, inclusive, of the North American Industrial Classification System (NAICS) Manual published by the United States Office of Management and Budget, 2007 edition.

Small Business Joint Venture means that one party to the joint venture is a Small Business and owns at least 51 percent of the joint venture. In the case of a joint venture formed for a single project this means that the Small Business will receive at least 51 percent of the project dollars.

Women-Owned Business Enterprise means a business that meets all of the following criteria:

- is at least 51 percent owned by one or more women or in the case of any business whose stock is publicly held, at least 51 percent of the stock is owned by one or more women.
- is a business whose management and daily business operations are controlled or owned by one or more women.
- is a business which is a sole proprietorship, corporation, partnership, or a joint venture, with its primary headquarters office located in the United States, which is not a branch or subsidiary of a foreign corporation, foreign firm, or other foreign business.

Most Favored Customer as used in this policy means that the South Coast AQMD will receive at least as favorable pricing, warranties, conditions, benefits and terms as other customers or clients making similar purchases or receiving similar services.

Form **W-9**
(Rev. October 2018)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

▶ Go to *www.irs.gov/FormW9* for instructions and the latest information.

Give Form to the requester. Do not send to the IRS.

Print or type.
See Specific Instructions on page 3.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.

2 Business name/disregarded entity name, if different from above

3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only **one** of the following seven boxes.

☐ Individual/sole proprietor or single-member LLC ☐ C Corporation ☐ S Corporation ☐ Partnership ☐ Trust/estate

☐ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶

Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is **not** disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.

☐ Other (see instructions) ▶

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):

Exempt payee code (if any)

Exemption from FATCA reporting code (if any)

(Applies to accounts maintained outside the U.S.)

5 Address (number, street, and apt. or suite no.) See instructions.

Requester's name and address (optional)

6 City, state, and ZIP code

7 List account number(s) here (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN,* later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number

☐☐☐ – ☐☐ – ☐☐☐☐

or

Employer identification number

☐☐ – ☐☐☐☐☐☐☐

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here **Signature of U.S. person ▶** **Date ▶**

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to *www.irs.gov/FormW9.*

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, *later.*

Cat. No. 10231X Form **W-9** (Rev. 10-2018)

Criminal penalty for falsifying information. Willfully falsifying certifications or affirmations may subject you to criminal penalties including fines and/or imprisonment.

Misuse of TINs. If the requester discloses or uses TINs in violation of federal law, the requester may be subject to civil and criminal penalties.

Specific Instructions

Line 1

You must enter one of the following on this line; **do not** leave this line blank. The name should match the name on your tax return.

If this Form W-9 is for a joint account (other than an account maintained by a foreign financial institution (FFI)), list first, and then circle, the name of the person or entity whose number you entered in Part I of Form W-9. If you are providing Form W-9 to an FFI to document a joint account, each holder of the account that is a U.S. person must provide a Form W-9.

a. **Individual.** Generally, enter the name shown on your tax return. If you have changed your last name without informing the Social Security Administration (SSA) of the name change, enter your first name, the last name as shown on your social security card, and your new last name.

Note: ITIN applicant: Enter your individual name as it was entered on your Form W-7 application, line 1a. This should also be the same as the name you entered on the Form 1040/1040A/1040EZ you filed with your application.

b. **Sole proprietor or single-member LLC.** Enter your individual name as shown on your 1040/1040A/1040EZ on line 1. You may enter your business, trade, or "doing business as" (DBA) name on line 2.

c. **Partnership, LLC that is not a single-member LLC, C corporation, or S corporation.** Enter the entity's name as shown on the entity's tax return on line 1 and any business, trade, or DBA name on line 2.

d. **Other entities.** Enter your name as shown on required U.S. federal tax documents on line 1. This name should match the name shown on the charter or other legal document creating the entity. You may enter any business, trade, or DBA name on line 2.

e. **Disregarded entity.** For U.S. federal tax purposes, an entity that is disregarded as an entity separate from its owner is treated as a "disregarded entity." See Regulations section 301.7701-2(c)(2)(iii). Enter the owner's name on line 1. The name of the entity entered on line 1 should never be a disregarded entity. The name on line 1 should be the name shown on the income tax return on which the income should be reported. For example, if a foreign LLC that is treated as a disregarded entity for U.S. federal tax purposes has a single owner that is a U.S. person, the U.S. owner's name is required to be provided on line 1. If the direct owner of the entity is also a disregarded entity, enter the first owner that is not disregarded for federal tax purposes. Enter the disregarded entity's name on line 2, "Business name/disregarded entity name." If the owner of the disregarded entity is a foreign person, the owner must complete an appropriate Form W-8 instead of a Form W-9. This is the case even if the foreign person has a U.S. TIN.

Line 2

If you have a business name, trade name, DBA name, or disregarded entity name, you may enter it on line 2.

Line 3

Check the appropriate box on line 3 for the U.S. federal tax classification of the person whose name is entered on line 1. Check only one box on line 3.

IF the entity/person on line 1 is a(n) . . .	THEN check the box for . . .
• Corporation	Corporation
• Individual • Sole proprietorship, or • Single-member limited liability company (LLC) owned by an individual and disregarded for U.S. federal tax purposes.	Individual/sole proprietor or single-member LLC
• LLC treated as a partnership for U.S. federal tax purposes, • LLC that has filed Form 8832 or 2553 to be taxed as a corporation, or • LLC that is disregarded as an entity separate from its owner but the owner is another LLC that is not disregarded for U.S. federal tax purposes.	Limited liability company and enter the appropriate tax classification. (P= Partnership; C= C corporation; or S= S corporation)
• Partnership	Partnership
• Trust/estate	Trust/estate

Line 4, Exemptions

If you are exempt from backup withholding and/or FATCA reporting, enter in the appropriate space on line 4 any code(s) that may apply to you.

Exempt payee code.

- Generally, individuals (including sole proprietors) are not exempt from backup withholding.
- Except as provided below, corporations are exempt from backup withholding for certain payments, including interest and dividends.
- Corporations are not exempt from backup withholding for payments made in settlement of payment card or third party network transactions.
- Corporations are not exempt from backup withholding with respect to attorneys' fees or gross proceeds paid to attorneys, and corporations that provide medical or health care services are not exempt with respect to payments reportable on Form 1099-MISC.

The following codes identify payees that are exempt from backup withholding. Enter the appropriate code in the space in line 4.

1—An organization exempt from tax under section 501(a), any IRA, or a custodial account under section 403(b)(7) if the account satisfies the requirements of section 401(f)(2)

2—The United States or any of its agencies or instrumentalities

3—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities

4—A foreign government or any of its political subdivisions, agencies, or instrumentalities

5—A corporation

6—A dealer in securities or commodities required to register in the United States, the District of Columbia, or a U.S. commonwealth or possession

7—A futures commission merchant registered with the Commodity Futures Trading Commission

8—A real estate investment trust

9—An entity registered at all times during the tax year under the Investment Company Act of 1940

10—A common trust fund operated by a bank under section 584(a)

11—A financial institution

12—A middleman known in the investment community as a nominee or custodian

13—A trust exempt from tax under section 664 or described in section 4947

TAXABLE YEAR

2021 Withholding Exemption Certificate

CALIFORNIA FORM **590**

The payee completes this form and submits it to the withholding agent. The withholding agent keeps this form with their records.

Withholding Agent Information

Name

Payee Information

Name

☐ SSN or ITIN ☐ FEIN ☐ CA Corp no. ☐ CA SOS file no.

Address (apt./ste., room, PO box, or PMB no.)

City (If you have a foreign address, see instructions.) | State | ZIP code

Exemption Reason

Check only one box.

By checking the appropriate box below, the payee certifies the reason for the exemption from the California income tax withholding requirements on payment(s) made to the entity or individual.

☐ **Individuals — Certification of Residency:**
I am a resident of California and I reside at the address shown above. If I become a nonresident at any time, I will promptly notify the withholding agent. See instructions for General Information D, Definitions.

☐ **Corporations:**
The corporation has a permanent place of business in California at the address shown above or is qualified through the California Secretary of State (SOS) to do business in California. The corporation will file a California tax return. If this corporation ceases to have a permanent place of business in California or ceases to do any of the above, I will promptly notify the withholding agent. See instructions for General Information D, Definitions.

☐ **Partnerships or Limited Liability Companies (LLCs):**
The partnership or LLC has a permanent place of business in California at the address shown above or is registered with the California SOS, and is subject to the laws of California. The partnership or LLC will file a California tax return. If the partnership or LLC ceases to do any of the above, I will promptly inform the withholding agent. For withholding purposes, a limited liability partnership (LLP) is treated like any other partnership.

☐ **Tax-Exempt Entities:**
The entity is exempt from tax under California Revenue and Taxation Code (R&TC) Section 23701 ______ (insert letter) or Internal Revenue Code Section 501(c) _____ (insert number). If this entity ceases to be exempt from tax, I will promptly notify the withholding agent. Individuals cannot be tax-exempt entities.

☐ **Insurance Companies, Individual Retirement Arrangements (IRAs), or Qualified Pension/Profit-Sharing Plans:**
The entity is an insurance company, IRA, or a federally qualified pension or profit-sharing plan.

☐ **California Trusts:**
At least one trustee and one noncontingent beneficiary of the above-named trust is a California resident. The trust will file a California fiduciary tax return. If the trustee or noncontingent beneficiary becomes a nonresident at any time, I will promptly notify the withholding agent.

☐ **Estates — Certification of Residency of Deceased Person:**
I am the executor of the above-named person's estate or trust. The decedent was a California resident at the time of death. The estate will file a California fiduciary tax return.

☐ **Nonmilitary Spouse of a Military Servicemember:**
I am a nonmilitary spouse of a military servicemember and I meet the Military Spouse Residency Relief Act (MSRRA) requirements. See instructions for General Information E, MSRRA.

CERTIFICATE OF PAYEE: Payee must complete and sign below.

To learn about your privacy rights, how we may use your information, and the consequences for not providing the requested information, go to **ftb.ca.gov/forms** and search for **1131**. To request this notice by mail, call 800.852.5711.

Under penalties of perjury, I declare that I have examined the information on this form, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. I further declare under penalties of perjury that if the facts upon which this form are based change, I will promptly notify the withholding agent.

Type or print payee's name and title ______________________ Telephone ______________

Payee's signature ▶ ______________________________ Date ______________

2021 Instructions for Form 590

Withholding Exemption Certificate

References in these instructions are to the California Revenue and Taxation Code (R&TC).

General Information

California Revenue and Taxation Code (R&TC) Section 18662 requires withholding of income or franchise tax on payments of California source income made to nonresidents of California. For more information, See General Information B, Income Subject to Withholding.

Registered Domestic Partners (RDPs) – For purposes of California income tax, references to a spouse, husband, or wife also refer to a California RDP unless otherwise specified. For more information on RDPs, get FTB Pub. 737, Tax Information for Registered Domestic Partners.

A Purpose

Use Form 590, Withholding Exemption Certificate, to certify an exemption from nonresident withholding.

Form 590 does not apply to payments of backup withholding. For more information, go to **ftb.ca.gov** and search for **backup withholding**.

Form 590 does not apply to payments for wages to employees. Wage withholding is administered by the California Employment Development Department (EDD). For more information, go to **edd.ca.gov** or call **888**.745.3886.

Do not use Form 590 to certify an exemption from withholding if you are a **seller of California real estate**. Sellers of California real estate use Form 593, Real Estate Withholding Statement, to claim an exemption from the real estate withholding requirement.

The following are excluded from withholding and completing this form:

- The United States and any of its agencies or instrumentalities.
- A state, a possession of the United States, the District of Columbia, or any of its political subdivisions or instrumentalities.
- A foreign government or any of its political subdivisions, agencies, or instrumentalities.

B Income Subject to Withholding

Withholding is required on the following, but is not limited to:

- Payments to nonresidents for services rendered in California.
- Distributions of California source income made to domestic nonresident partners, members, and S corporation shareholders and allocations of California source income made to foreign partners and members.
- Payments to nonresidents for rents if the payments are made in the course of the withholding agent's business.
- Payments to nonresidents for royalties from activities sourced to California.
- Distributions of California source income to nonresident beneficiaries from an estate or trust.
- Endorsement payments received for services performed in California.
- Prizes and winnings received by nonresidents for contests in California.

However, withholding is optional if the total payments of California source income are $1,500 or less during the calendar year.

For more information on withholding, get FTB Pub. 1017, Resident and Nonresident Withholding Guidelines. To get a withholding publication, see Additional Information.

C Who Certifies this Form

Form 590 is certified (completed and signed) by the payee. California residents or entities exempt from the withholding requirement should complete Form 590 and submit it to the withholding agent before payment is made. The withholding agent is then relieved of the withholding requirements if the agent relies in good faith on a completed and signed Form 590 unless notified by the Franchise Tax Board (FTB) that the form should not be relied upon.

An incomplete certificate is invalid and the withholding agent should not accept it. If the withholding agent receives an incomplete certificate, the withholding agent is required to withhold tax on payments made to the payee until a valid certificate is received. In lieu of a completed exemption certificate, the withholding agent may accept a letter from the payee as a substitute explaining why they are not subject to withholding. The letter must contain all the information required on the certificate in similar language, including the under penalty of perjury statement and the payee's taxpayer identification number (TIN).

The certification does not need to be renewed annually. The certification on Form 590 remains valid until the payee's status changes. The withholding agent must retain a copy of the certification or substitute for at least five years after the last payment to which the certification applies. The agent must provide it to the FTB upon request.

If an entertainer (or the entertainer's business entity) is paid for a performance, the entertainer's information must be provided. **Do not** submit the entertainer's agent or promoter information.

The grantor of a grantor trust shall be treated as the payee for withholding purposes. Therefore, if the payee is a grantor trust and one or more of the grantors is a nonresident, withholding is required. If all of the grantors on the trust are residents, no withholding is required. Resident grantors can check the box on Form 590 labeled "Individuals — Certification of Residency."

D Definitions

For California nonwage withholding purposes:

- Nonresident includes all of the following:
  - Individuals who are not residents of California.
  - Corporations not qualified through the California Secretary of State (CA SOS) to do business in California or having no permanent place of business in California.
  - Partnerships or limited liability companies (LLCs) with no permanent place of business in California.
  - Any trust without a resident grantor, beneficiary, or trustee, or estates where the decedent was not a California resident.
- Foreign refers to non-U.S.

For more information about determining resident status, get FTB Pub. 1031, Guidelines for Determining Resident Status. Military servicemembers have special rules for residency. For more information see General Information E, Military Spouse Residency Relief Act (MSRRA), and FTB Pub. 1032, Tax Information for Military Personnel.

Permanent Place of Business:
A corporation has a permanent place of business in California if it is organized and existing under the laws of California or it has qualified through the CA SOS to transact intrastate business. A corporation that has not qualified to transact intrastate business (e.g., a corporation engaged exclusively in interstate commerce) will be considered as having a permanent place of business in California only if it maintains a permanent office in California that is permanently staffed by its employees.

E Military Spouse Residency Relief Act (MSRRA)

Generally, for tax purposes you are considered to maintain your existing residence or domicile. If a military servicemember and nonmilitary spouse have the same state of domicile, the MSRRA provides:

- A spouse shall not be deemed to have lost a residence or domicile in any state solely by reason of being absent to be with the servicemember serving in compliance with military orders.
- A spouse shall not be deemed to have acquired a residence or domicile in any other state solely by reason of being there to be with the servicemember serving in compliance with military orders.

Domicile is defined as the one place:

- Where you maintain a true, fixed, and permanent home.
- To which you intend to return whenever you are absent.

Certification Regarding
Debarment, Suspension, and Other Responsibility Matters

The prospective participant certifies to the best of its knowledge and belief that it and the principals:

(a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;

(b) Have not within a three year period preceding this proposal been convicted of or had a civil judgement rendered against them or commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction: violation of Federal or State antitrust statute or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property:

(c) Are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (b) of this certification; and

(d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State, or local) terminated for cause or default.

I understand that a false statement on this certification may be grounds for rejection of this proposal or termination of the award. In addition, under 18 USC Sec. 1001, a false statement may result in a fine of up to $10,000 or imprisonment for up to 5 years, or both.

____

Typed Name & Title of Authorized Representative

____

Signature of Authorized Representative Date

☐ I am unable to certify to the above statements. My explanation is attached.

CAMPAIGN CONTRIBUTIONS DISCLOSURE

In accordance with California law, bidders and contracting parties are required to disclose, at the time the application is filed, information relating to any campaign contributions made to South Coast Air Quality Management District (SCAQMD) Board Members or members/alternates of the Mobile Source Air Pollution Reduction Review Committee (MSRC) or MSRC Technical Advisory Committee (TAC), including: the name of the party making the contribution (which includes any parent, subsidiary or otherwise related business entity, as defined below), the amount of the contribution, and the date the contribution was made. 2 C.C.R. §18438.8(b). Where a proposed or proposed amended rule impacts three or fewer facilities, those facilities will be treated in much the same manner as contracting parties and so must also complete this form, disclosing information relating to any campaign contributions made to any SCAQMD Board Members. *See* Quadri Advice Letter (2002) A-02.096.[1] In the event that a qualifying campaign contribution is made, the Board Member to whom it was made may be disqualified from participating in the actions involving that donor.

California law prohibits a party, or an agent, from making campaign contributions to SCAQMD Governing Board Members or members/alternates of the MSRC or TAC of more than $500 while their contract or permit is pending before the SCAQMD; and further prohibits a campaign contribution from being made for twelve (12) months following the date of the final decision by the Governing Board or the MSRC or TAC on a donor's contract or permit. Gov't Code §84308(d). For purposes of reaching the $500 limit, the campaign contributions of <u>the bidder or contractor *plus* contributions by its parents, affiliates, and related companies</u> of the contractor or bidder are added together. 2 C.C.R. §18438.5.

In addition, SCAQMD Board Members or members/alternates of the MSRC or TAC must abstain from voting on a contract or permit if they have received a campaign contribution from a party or participant[2] to the proceeding, or agent, totaling more than $500 in the 12-month period prior to the consideration of the item by the Governing Board or the MSRC. Gov't Code §84308(c).

The list of current SCAQMD Governing Board Members can be found at the SCAQMD website (www.aqmd.gov). The list of current MSRC and TAC members/alternates can be found at the MSRC website (http://www.cleantransportationfunding.org).

<u>SECTION I</u>.

Contractor (Legal Name): ____

☐ DBA, Name______________________________, County Filed in___________________________________

☐ Corporation, ID No.________________________

☐ LLC/LLP, ID No. _________________________

List any parent, subsidiaries, or otherwise affiliated business entities of Contractor:
(See definition below).

____

[1] The information provided on this form does not, and is not intended to, constitute legal advice. To the extent that you may have questions regarding any case law, citations, or legal interpretations provided above please seek the guidance of your own independent counsel.

[2] In accordance with California law, a person or entity with a financial interest in a proceeding or particular governmental decision, who is not a party but who actively supports or opposes a particular decision, qualifies as a "participant" in that proceeding for purposes of California Code of Regulations Section 84308. A participant has both a financial interest in the proceeding and communicates with the agency or an officer of the agency for purposes of influencing the proceeding.

SECTION II.

Has Contractor or Participant and/or any parent, subsidiary, or affiliated company, or agent thereof, or persons who direct or control campaign contributions for these entities, made a campaign contribution(s) totaling $500 or more in the aggregate to a current member of the South Coast Air Quality Management Governing Board or member/alternate of the MSRC or TAC in the 12 months preceding the date of execution of this disclosure?

☐ Yes ☐ No

If YES, complete Section II below and then sign and date the form.
If NO, sign and date below. Include this form with your submittal.

Name(s) of Contributor(s) or Person(s) who Directed or Controlled this Contribution:

Governing Board Member or MSRC or MSRC-TAC Member/Alternate Amount of Contribution Date of Contribution

Name(s) of Contributor(s) or Person(s) who Directed or Controlled this Contribution:

Governing Board Member or MSRC or MSRC-TAC Member/Alternate Amount of Contribution Date of Contribution

Name(s) of Contributor(s) or Person(s) who Directed or Controlled this Contribution:

Governing Board Member or MSRC or MSRC-TAC Member/Alternate Amount of Contribution Date of Contribution

Name(s) of Contributor(s) or Person(s) who Directed or Controlled this Contribution:

Governing Board Member or MSRC or MSRC-TAC Member/Alternate Amount of Contribution Date of Contribution

I declare the foregoing disclosures to be true and correct.

By: ____

Title: ____

Date: ____

Agenda Item #2

Issue RFP for On-Road Mobile Source Related Hydrogen-Based Zero-Emission Technology Development, Demonstration, Deployment, Workforce Development, and Air Quality Impact Projects

Maryam Hajbabaei

BACKGROUND

- Hydrogen fuel cells provide zero-emission power for applications traditionally served by fossil fuels
- South Coast AQMD has supported hydrogen production, fuel cell technologies and infrastructure through research, demonstration, and deployment
- Continued technology advancement is needed to reduce cost, improve performance and reliability, and accelerate commercialization

PROPOSAL

- Issue an RFP for hydrogen zero-emission technology projects, including:
  - Fuel cell powertrain development
  - Hydrogen production, storage, delivery, fueling, and boil-off gas reduction
  - Air quality studies and workforce development
- Prioritize projects with measurable or anticipated air quality benefits, improved efficiency and reliability, lower costs, and commercialization potential
- Multiple awards may be made based on technical merit, cost-share, and project readiness

SUMMARY OF RECOMMENDED ACTION

Issue RFP #P2027-05 to solicit proposals for hydrogen-based zero-emission technology development, demonstration, deployment, and air quality impact projects in an amount not to exceed $35,000,000 from the Clean Fuels Program Fund (31)

BOARD MEETING DATE: October 2, 2026 AGENDA NO.

PROPOSAL: Issue RFP, Program Announcement and Execute Contracts for AB 617 Emergency Residential Air Filtration Program in SB 535 Communities

SYNOPSIS: Following recent emergency fire incidents, including the Palisades, Eaton, and Palos Warehouse Fires, South Coast AQMD experienced increased demand for standalone High Efficiency Particulate Air (HEPA) purifiers and replacement air filters from nearby impacted residents in SB 535 communities seeking to reduce their exposure to smoke and other harmful particulate matter emissions. These events underscore the need for an AB 617 Emergency Air Filtration Program to rapidly distribute standalone HEPA purifiers and replacement air filters in response to emergency air pollution events that impact SB 535 communities. These actions are to: 1) issue RFP #P2027-06 and authorize the Executive Officer to execute vendor contracts to supply HEPA purifiers and replacement air filters for the AB 617 Emergency Residential Air Filtration Program in an amount up to $15,000,000 from the Community Air Protection AB 134 Fund (77); and 2) issue Program Announcement #PA2027-03 for the AB 617 Emergency Residential Air Filtration Program.

COMMITTEE: Technology, September 18, 2026;

RECOMMENDED ACTIONS:

1. Issue RFP #P2027-06 and based on the results of the RFP, authorize the Executive Officer to execute vendor contracts to supply High Efficiency Particulate Air (HEPA) purifiers and replacement air filters for the AB 617 Emergency Residential Air Filtration Program in an amount up to $15,000,000 from the Community Air Protection AB 134 Fund (77); and
2. Issue Program Announcement #PA2027-03 to solicit applicants for air filtration systems for the AB 617 Emergency Residential Air Filtration Program.

Wayne Nastri
Executive Officer

AK:MW:DG:PG:FM

Background

The South Coast AQMD AB 617 Residential Air Filtration Program currently provides standalone High Efficiency Particulate Air (HEPA) purifiers to eligible residents in the East Los Angeles, Boyle Heights, West Commerce (ELABHWC) and Eastern Coachella Valley (ECV) communities to reduce long-term exposure to air pollution. However, recent emergency fire incidents, including the Palisades, Eaton, and Palos Warehouse Fires, have demonstrated the need for rapid public health interventions to reduce residents' exposure to smoke and other harmful emissions generated in the aftermath of the fires (e.g., PM emissions from construction activities and odors). Following these incidents, the South Coast AQMD experienced increased demand for standalone HEPA purifiers and replacement filters from residents in SB 535 communities seeking effective methods to improve indoor air quality and protect themselves from harmful PM emissions. These events have demonstrated a need for a complementary AB 617 Emergency Air Filtration Program to rapidly distribute standalone HEPA purifiers and replacement air filters in response to wildfire smoke events and other significant air quality events affecting residents within SB 535 communities.

Proposal

The AB 617 Emergency Residential Air Filtration Program would establish a framework that gives the South Coast AQMD Executive Officer discretion to deploy standalone HEPA purifiers and replacement air filters to residents in SB 535 communities deemed directly impacted by an emergency air pollution event. Emergency air pollution events determined by the South Coast AQMD may include those declared by the Governor pursuant to Government Code Section 8558(b), county or city leaders pursuant to Government Code Section 8558(c)(1); or other spontaneous air pollution events that directly impact the health and safety of residents in one or more SB 535 communities. Staff propose releasing RFP #P2027-06 to develop a list of eligible vendors to supply standalone HEPA purifier units and a one (1) year supply of replacement filters for the AB 617 Residential Air Filtration Program during emergency events. The selection of one or more vendors will occur through the evaluation of RFP #P2027-06.

Following the results of the RFP, staff anticipates the release of the AB 617 Emergency Residential Air Filtration Program #PA2027-03 to be activated during a qualifying emergency event within the South Coast Air Basin. The minimum specifications in RFP #P2027-06 and application requirements in #PA2027-03 ensure that HEPA purifier units, replacement filters, funding eligibility, and other criteria meet CARB's Community Air Protection Incentives Guidelines.

Outreach
In accordance with South Coast AQMD's Procurement Policy and Procedure, a public notice advertising the RFP and Program Announcement will be published in the Los Angeles Times, the Orange County Register, the San Bernardino Sun, and Riverside County's Press Enterprise newspapers to leverage the most cost-effective method of outreach to the South Coast Air Basin.

Additionally, potential applicants may be notified utilizing South Coast AQMD's own electronic listing of certified vendors. Notice of the RFP and Program Announcement will be emailed to the Legislative Caucuses and various chambers of commerce and business associations and placed on South Coast AQMD's website (http://www.aqmd.gov) where it can be viewed by making the selection 'Grants and Bids'.

Benefits to South Coast AQMD
Health studies have determined that fine and ultrafine PM, including diesel PM, present the most significant air pollution health risk to sensitive receptors in overburdened communities. The AB 617 Emergency Residential Air Filtration Program will reduce exposure to diesel PM within the SB 535 Communities. This is a regional program that will include existing AB 617 communities and any SB 535 Community including consistently nominated communities that were not selected under AB 617.

Resource Impacts
Up to $15,000,000 from the Community Air Protection AB 134 Fund (77) will be used to provide air filtration units and replacement filters to residents of SB 535 Communities for the AB 617 Emergency Residential Air Filtration Program. Sufficient funds are available in Community Air Protection AB 134 Fund (77).

Attachments
RFP #P2027-06
PA #PA2027-03

Back to Agenda

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

REQUEST FOR PROPOSALS

FOR AB 617 EMERGENCY RESIDENTIAL AIR FILTRATION PROGRAM P2027-06

South Coast Air Quality Management District (South Coast AQMD) requests proposals for the following purpose according to the terms and conditions attached. In the preparation of this Request for Proposals (RFP) the words "Proposer," "Contractor," "Consultant," “Bidder” and “Firm” are used interchangeably.

PURPOSE

The South Coast Air Quality Management District is seeking vendors to furnish standalone High Efficiency Particulate Air (HEPA) purifiers and replacement filters for the AB 617 Emergency Residential Air Filtration Program. The purpose of this solicitation is to establish one or more contracts with vendors capable of rapidly supplying standalone HEPA purifiers and replacement filters for emergency air pollution events that warrants the need for community air filtration units. Emergency air pollution events are determined by the South Coast AQMD Executive Officer. They may include events declared by the Governor pursuant to Government Code Section 8558(b), county or city leaders pursuant to Government Code Section 8558(c)(1), or other spontaneous air pollution events that directly impact the health and safety of residents in one or more SB 535 community.

Up to $15,000,000 is currently available to implement the AB 617 Emergency Residential Air Filtration Program. However, due to the indefinite nature of the work, the actual contract amount for any selected eligible vendor cannot be determined at this time.

Work will be on an as needed basis. The intent of this RFP is to contract qualified HEPA purifier and replacement filter vendors that are capable of rapidly supplying standalone HEPA purifiers and replacement filters during emergency air pollution events.

INDEX - The following are contained in this RFP:

SECTION I: BACKGROUND

The South Coast AQMD is the air pollution control agency for the South Coast Air Basin, which is comprised of Orange County and the urban portions of Los Angeles, Riverside, and San Bernardino counties. Covering approximately 10,743 square miles, the South Coast Air Basin is home to nearly 17 million residents and continues to experience some of the most challenging air quality conditions in the nation.

The California Air Resources Board's (CARB) Community Air Protection Program (CAPP) established pursuant to Assembly Bill (AB) 617, addresses air pollution in communities most impacted by air pollution. Consistent with the 2024 CAPP Incentives Guidelines, exposure reduction projects are intended to provide meaningful public health benefits by reducing residents' exposure to air pollution through practical, community focused solutions.

Recent emergency fire incidents, including Palisades, Eaton, and Palos Warehouse Fires, have demonstrated the need for rapid public health interventions to reduce residents' exposure to smoke and other harmful emissions generated in the aftermath of the fires (e.g., PM emissions from construction activities and odors). Following these incidents, the South Coast AQMD experienced increased demand for standalone HEPA purifiers and replacement air filters from residents in SB 535 communities seeking effective methods to improve indoor air quality and protect themselves from harmful PM emissions. These events have demonstrated a need for an emergency air filtration deployment program to rapidly distribute standalone HEPA purifiers and replacement air filters in response to wildfire smoke events and other significant air quality events affecting residents within SB 535 communities.

To address these emerging needs, the South Coast AQMD has developed the AB 617 Emergency Residential Air Filtration Program, an exposure reduction initiative designed to provide standalone HEPA purifiers and a one (1) year supply of replacement filters to eligible residents during qualifying emergency air pollution events. The program would complement the existing AB 617 Residential Air Filtration Program by providing a rapid response mechanism for distributing standalone HEPA purifiers and a one (1) year supply of replacement filters for emergency air pollution events.

Through this Request for Proposals (RFP), the South Coast AQMD seeks to establish one or more contracts with qualified vendors capable of furnishing standalone HEPA purifiers, a one (1) year supply of replacement filters and associated support services for emergency deployment. Selected contractors must be capable of rapidly supplying products during emergency activations within the impacted communities while maintaining sufficient inventory, providing reliable delivery services and meeting all technical specifications established within this RFP.

This is an RFP only and not an award issuance or purchase. Funding allocation is subject to change at South Coast AQMD's discretion. All standalone HEPA purifiers and replacement filters must meet the specifications detailed in Section VI of this RFP. The bidder must provide pricing based on quantity price breaks per package as detailed in Attachment C of this RFP. Quotes shall be valid until December 31, 2032. South Coast AQMD may place recurring orders at varying frequencies and quantities until December 31, 2032.

SECTION II: CONTACT PERSON:

Questions regarding the content or intent of this RFP or on procedural matters should be addressed to:

Kelly Trainor Gamino
Program Supervisor
South Coast AQMD
21865 Copley Drive
Diamond Bar, CA 91765-4178
(909) 396-2382

Frances Maes
Air Quality Specialist
South Coast AQMD
21865 Copley Drive
Diamond Bar, CA 91765-4178
(909) 396-2473

SECTION III: SCHEDULE OF EVENTS

Date	Event
October 2, 2026	RFP Released
December 11, 2026	Proposals Due to South Coast AQMD - **No Later Than 3:00PM**
Beginning Jan 2, 2027	Proposal Evaluations
Fall 2027	Anticipated Contract Execution

SECTION IV: PARTICIPATION IN THE PROCUREMENT PROCESS

It is the policy of South Coast AQMD to ensure that all businesses including minority business enterprises, women business enterprises, disabled veteran business enterprises and small businesses have a fair and equitable opportunity to compete for and participate in South Coast AQMD contracts. Attachment A to this RFP contains definitions and further information.

SECTION V: STATEMENT OF WORK/SCHEDULE OF DELIVERABLES

The purpose of the AB 617 Emergency Residential Air Filtration Program is to provide standalone HEPA filtration units and a one (1) year supply of replacement filters to affected residences within SB 535 disadvantaged communities during emergency air pollution events.

Potential bidders should address all tasks based on their background and expertise in their proposal based on the format provided in Section VII – Proposal Submittal Requirements. The tasks listed below are integral to maximizing exposure reduction and program participation. Proposals submitted may separately address the tasks listed below.

This project requires the following tasks:

1. Contract Management and Coordination
2. Inventory Management
3. Emergency Response and Deployment
4. Warehousing and Distribution
5. Order Fulfilment and Delivery
6. Product Warranty
7. Reporting and Documentation

Statement of Work

The selected contractor(s) shall perform assignments on an as-needed basis upon receiving notification from the South Coast AQMD. Each assignment will have specific tasks to be conducted and resources to be utilized. Selected contractor(s) shall not perform any tasks without South Coast AQMD authorization. Tasks include the following:

Task 1 - Contract Management and Coordination
All contracting parties shall meet with South Coast AQMD staff at the beginning of project implementation to discuss and establish coordination details including chain of command, responsibilities, contacts, timelines, available inventory, logistics for emergency preparedness, and other contract performance metrics. All contracting parties must submit an AB 617 Residential Emergency Response Plan or similar document outlining emergency ordering procedures, warehouse storage locations, communication protocols, and contingency plans for potential supply chain disruptions. Additionally, all contracting parties shall submit quarterly reports that summarize up-to-date inventory availability and demonstrate readiness to expeditiously deploy standalone HEPA purifiers and replacement filters in response to an emergency air pollution event.

Task 2 – Inventory Management
Selected contractor(s) must demonstrate a minimum on-demand inventory of 1,000 standalone HEPA purifiers and a one (1) year supply of replacement filters with the capability to deploy (i.e., deliver and distribute) these filters over several days to any impacted community location within South Coast AQMD jurisdictional boundaries no later than 48 hours after the Executive Officer declares an emergency air pollution event. The selected contractor(s) must demonstrate the ability to deploy this quantity of standalone HEPA purifiers and replacement filters through calendar year 2032. Contractor(s) must notify South Coast AQMD of any anticipated inventory or supply chain disruptions.

Task 3 – Emergency Response and Deployment

No later than 48 hours after the Executive Officer declares an emergency air pollution event that warrants the need for community air filtration units, the selected contractor(s) must be capable of delivering and distributing a minimum of 1,000 standalone HEPA purifiers and a one (1) year supply of replacement filters for these units to any site within the South Coast AQMD that staff designates for deployment. The selected contractor(s) shall coordinate closely with South Coast AQMD staff throughout the emergency response on the details of deploying (delivery and distribution) the HEPA purifiers and replacement filters to sites designated by South Coast AQMD. These details include the organization of distribution flow at the site (e.g., staging areas, traffic flows, short-term storage, signage, and security), duration of distribution, return of undistributed equipment, and other logistics. Examples of these sites may include public parks, libraries, recreation centers, and other publicly accessible facilities. Additionally, the selected contractor(s) must be able to ship the units to residences via mail, if needed.

Task 4 – Warehousing and Storage

Selected contractor(s) shall maintain equipment warehouse(s) or storage locations (or demonstrate the equivalent) within South Coast AQMD to reduce the risks of supply chain disruptions and ensure continuity of on-demand delivery and distribution of standalone HEPA purifiers and replacement filters following an emergency air pollution event that warrants the need for community air filtration units. The status of the warehousing and storage locations and any changes to these locations that may affect the selected contractor(s) ability to deploy the minimum inventory consistent with the requirements outlined in Task 1 above, must be reported to South Coast AQMD staff quarterly.

Task 5 – Order Fulfillment and Delivery

No later than 48 hours after the Executive Officer declares an emergency air pollution event that warrants the need for community air filtration units, the selected contractor(s) must be capable of delivering and distributing a minimum of 1,000 standalone HEPA purifiers and a one (1) year supply of replacement filters for these units to any site within the South Coast AQMD that staff designates for deployment. The selected contractor(s) must be able to process electronic orders accurately, package products appropriately, provide shipping and tracking confirmations, and promptly resolve mail delivery issues, including damaged shipments, lost packages, incorrect addresses, refused deliveries and other matters.

Task 6 – Product Warranty

Honor all manufacturer warranties, replace defective units covered under warranty, provide customer support and respond to warranty claims within a timely manner.

Task 7 Reporting and Documentation

Selected contractor(s) shall maintain records of all orders, deliveries, serial numbers (if applicable), warranty claims, and replacement units. Also, they must provide on-demand status updates of equipment inventories (e.g., available quantities of HEPA purifiers and replacement filters) and shipping and delivery status of orders placed by South Coast AQMD. Further, the selected contractor(s) shall submit quarterly and annual reports detailing HEPA purifier and replacement filter equipment inventories, deployments, and the status of equipment warehousing and storage locations. The reports shall detail any changes to the equipment warehousing and storage locations that may affect the selected contractor(s) ability to deploy the minimum inventory consistent with the requirements outlined in Task 1 above.

Schedule of Deliverables
The South Coast AQMD will establish deliverables and schedules for task completion in writing when each task is authorized. Deliverables include maintaining records of all orders, deliveries, warranty claims and replacement units.

SECTION VI: REQUIRED QUALIFICATIONS

A. An interested bidder shall provide Attachment C, a proposed pricing quote for bulk pricing for a package containing one standalone HEPA purifier and a one (1) year supply of associated replacement filters per unit. If multiple packages are submitted for consideration, a copy of Attachment C is required for each package. Bidders are encouraged to submit multiple unit sizes to accommodate different living spaces.

The standalone HEPA purifier unit and replacement filters must meet the following minimum specifications to be considered under this RFP. If a proposed standalone HEPA purifier does not meet these specifications, it is not eligible under this RFP and will not be evaluated. The specifications below are the minimum acceptable by the South Coast AQMD.

B. Minimum Specifications:

1. The unit must operate on standard 120V household electrical service without requiring special wiring or installation.
2. All units shall be new and unused. Refurbished, used or reconditioned units are not eligible.
3. The unit must use a certified true HEPA filter rated to remove 99.97% of particles measuring 0.3 micrometers or greater; air purifiers using HEPA-like, HEPA-type or non-HEPA filters are not eligible.
4. The unit must be a CARB-certified air cleaning device and retain CARB certification throughout the contract term. The list of CARB-certified air cleaning devices is available at: https://ww2.arb.ca.gov/list-carb-certified-air-cleaning-devices.
5. The unit's Clean Air Delivery Rating (CADR) must be certified by the Association of Home Appliance Manufacturers (AHAM) through AHAM's Portable Electric Room Air Cleaner Certification Program.
6. The unit must have an AHAM-certified CADR value of at least 97 for tobacco smoke (0.09-1.0 μM) or CADR equivalent manufacturer's rating.
7. The unit must be certified by a Nationally Recognized Testing Laboratory (e.g., UL, ETL, CSA).
8. The unit must be able to operate at or below a noise threshold of 45 decibels (dB).
9. The unit must come with a minimum two (2) year warranty

C. Additional Features: South Coast AQMD may also consider the features below in the product evaluation.

1. Equipment operating costs, including:
   - Filter life under normal daily use,
   - Replacement equipment (e.g., the retail costs and affordability of replacement parts and filters or discounts available to program participants seeking replace parts and filters), and
   - Energy efficiency

2. Other non-HEPA filters and technologies (i.e., pre-filter, carbon filter, etc.)
3. Utility, portability, ease of use and functionalities (e.g., equipment dimensions, accessories; such as, wheels and handles)
4. Overall noise levels of equipment while in operation
5. AHAM-certified CADR value for dust and pollen
6. Extended warranties (i.e., beyond the two (2) year minimum specification)

D. Warranty: Manufacturer warranties will be provided directly from the standalone HEPA purifier unit manufacturer, South Coast AQMD does not provide any additional warranty for the unit or the replacement filters.

SECTION VII: PROPOSAL SUBMITTAL REQUIREMENTS

Submitted proposals must follow the format outlined below and all requested information must be supplied. Failure to submit proposals in the required format will result in elimination from proposal evaluation. South Coast AQMD may modify the RFP or issue supplementary information or guidelines during the proposal preparation period prior to the due date. Please check our website for updates (http://www.aqmd.gov/grants-bids). The cost for developing the proposal is the responsibility of the Contractor and shall not be chargeable to South Coast AQMD.

Each proposal must be submitted in three separate volumes:

- **Volume I** - Technical Proposal
- **Volume II** - Cost Proposal, including Attachment C
- **Volume III** - Certifications and Representations included in Attachment B to this RFP, must be completed and executed by an authorized official of the Contractor.

A separate Table of Contents should be provided for Volumes I and II.

A separate cover letter should accompany the proposal submission. The cover letter should include the following:

a. Name, address and telephone number of the company and must be signed by the person(s) authorized to represent the firm. Also include the name and contact information, including email address of the firm's representative designated as the main contact.
b. *Quote Validity:* Acknowledgement that the pricing for the proposed packages will be valid through December 31, 2032. Section VI of this RFP details the minimum requirements for product specifications.
c. *Order Cancellations:* Acknowledge that the South Coast AQMD reserves the right to cancel an order or equipment deployment at no charge within 24 hours of placing the order or requesting deployment.
d. *Warranty:* A short description of how complaints and issues about defective units will be addressed during the lifetime of the unit warranty. This RFP requires a minimum two (2) year manufacturer warranty for standalone HEPA purifier units. Additionally, replacement filters must have a minimum lifespan of six months. South Coast AQMD does not offer an additional warranty for the standalone HEPA purifier or the replacement filters.
e. *Emergency Response Readiness:* Selected contractor(s) will support emergency air pollution response activities; therefore, bidders shall describe the ability to support rapid

deployment of standalone HEPA purifiers and replacement air filters during qualifying emergency air pollution events. At a minimum, the response shall address the following and must be supported by documentation where applicable:

1) Demonstrate a minimum on-demand inventory of 1,000 standalone HEPA purifiers and a one (1) year supply of replacement filters with the capability to deploy (i.e., deliver and distribute) these filters to any location within the South Coast AQMD no later than 48 hours after the Executive Officer declares an emergency air pollution event that warrants the need for community air filtration units; and demonstrate the ability to deploy this quantity of standalone HEPA purifiers and replacement filters through calendar year 2032. The bidder shall identify the available inventory of proposed standalone HEPA purifier units and replacement filters at the time of submitting a proposal in response to this RFP, including any inventory that can be reserved for South Coast AQMD emergency activations.
2) The location(s) and number of warehouses or distribution centers that would support deliveries within the South Coast AQMD jurisdiction.
3) The bidder's capacity to initiate order fulfillment and deliver products within 24 and 48 hours of an emergency air pollution event that warrants the need for community air filtration units declared by the Executive Officer.
4) Maximum surge capacity, including the number of packages (packages are comprised of a minimum of one (1) standalone HEPA purifier with a one (1) year supply of replacement filters per unit) that can be supplied within 48 hours of an emergency air pollution event that warrants the need for community air filtration units declared by the Executive Officer.
5) Contingency plans for addressing supply chain disruptions, product shortages, transportation delays, or other circumstances that could affect an emergency response.
6) Proposed procedures for communicating with South Coast AQMD during emergency activations, including identification of a primary and alternate point of contact.
7) Describe any capability to provide staffing to facilitate the deployment of standalone HEPA purifiers and replacement filters to sites designated by South Coast AQMD community event deliveries. South Coast AQMD staff will designate sites for the delivery and distribution of standalone HEPA purifiers and replacement filters. Examples of these sites may include public parks, libraries, recreation centers, and other publicly accessible facilities. Additionally, the selected contractor(s) must be able to ship the units to residences via mail, if needed.
8) Experience supporting emergency response efforts, large-scale product deployments, or similar contracts requiring expedited procurement and deployment.

f. *Delivery Guarantee:* Acknowledge that the selected contractor(s) will incur a 10 percent (%) late delivery penalty and will reduce the unit price by 10% for each unit arriving at the designated deployment sites more than 48 hours (two days) from the order date placed by South Coast AQMD staff. Also, the selected vendor(s) shall include a guarantee to deliver in-stock products within 48 hours of the order date. They shall also provide a detailed description of how issues encountered with the delivery of standalone HEPA purifier units and replacement filters to recipients would be resolved, including damaged units, incorrect addresses, returns, replacements, and other potential issues

VOLUME I - TECHNICAL PROPOSAL

DO NOT INCLUDE ANY COST INFORMATION IN THE TECHNICAL VOLUME

Summary (Section A) - State overall approach to meeting the objectives and satisfying the scope of work to be performed, the sequence of activities, and a description of methodology or techniques to be used.

Program Schedule (Section B) - Provide projected milestones or benchmarks for completing the project (to include reports) within the total time allowed.

Project Organization (Section C) - Describe the proposed management structure, program monitoring procedures, and organization of the proposed team. Provide a statement detailing your approach to the project, specifically address the Firm's ability and willingness to commit and maintain staffing to successfully complete the project on the proposed schedule.

Qualifications (Section D) - Describe the technical capabilities of the Firm. Provide references of other similar studies or projects performed during the last five years demonstrating ability to successfully complete the work. Include contact name, title, and telephone number for any references listed. Provide a statement of your Firm's background and related experience in performing similar services for other governmental organizations.

Assigned Personnel (Section E) - Provide the following information about the staff to be assigned to this project:

1. List all key personnel assigned to the project by level, name and location. Provide a resume or similar statement describing the background, qualifications and experience of the lead person and all persons assigned to the project. Substitution of project manager or lead personnel will not be permitted without prior written approval of South Coast AQMD.

2. Provide a spreadsheet of the labor hours proposed for each labor category at the task level.

3. Provide a statement indicating whether 90% of the work will be performed within the geographical boundaries of South Coast AQMD.

4. Provide a statement of education and training programs provided to, or required of, the staff identified for participation in the project, particularly with reference to management consulting, governmental practices and procedures, and technical matters.

5. Provide a summary of your Firm's general qualifications to meet required qualifications and fulfill statement of work, including additional Firm personnel and resources beyond those who may be assigned to the project.

Subcontractors (Section F) - This project may require expertise in multiple technical areas. List any subcontractors that will be used, identifying functions to be performed by them, their related qualifications and experience and the total number of hours or percentage of time they will spend on the project.

Conflict of Interest (Section G) - Address possible conflicts of interest with other clients affected by actions performed by the Firm on behalf of South Coast AQMD. South Coast AQMD recognizes that prospective Contractors may be performing similar projects for other clients. Include a complete list of such clients for the past three (3) years with the type of work performed and the total number of years performing such tasks for each client. Although the Proposer will not be automatically disqualified by reason of work performed for such clients, South Coast AQMD reserves the right to consider the nature and extent of such work in evaluating the proposal.

Additional Data (Section H) - Provide other essential data that may assist in the evaluation of this proposal.

VOLUME II - COST PROPOSAL

Name and Address - The Cost Proposal must list the name and complete address of the Proposer in the upper left-hand corner.

Cost Proposal – South Coast AQMD anticipates awarding a fixed price contract. Cost information must be provided as listed below:

1. **Product Specifications and Pricing** - Complete a separate form, Attachment C, for each proposed package. A package must include a minimum of one (1) standalone HEPA purifier unit and a one (1) year supply of replacement filter(s) for each unit. Bidders interested in submitting more than one unit under this RFP should submit a separate Attachment C for each unit submitted.

    a. *Product Specifications* – Complete *Section A* of Attachment C, with details of the proposed products for each package. A package must include a minimum of one (1) standalone HEPA purifier and a one (1) year supply of replacement filter(s) for each unit. Bidders are encouraged to submit multiple unit sizes to accommodate different living spaces. Bidder may include a copy of the manufacturer's brochure for the product, if available. Bidder must include:

        i. Confirmation unit is AHAM Verified

        ii. Confirmation of EnergyStar certification

        iii. CARB-Certified Air Cleaning Devices EO Number

    b. *Product Pricing* - Complete *Section B* of Attachment C with proposed pricing for each package. A package must include a minimum of one (1) standalone HEPA purifier unit with a one (1) year supply of replacement filter(s) per unit. The bidder must offer a discounted price from the retail price for the bulk purchase of the standalone HEPA purifiers and the replacement filter(s) for this unit. Submitted packages should be tailored so that the standalone HEPA purifier units can adequately cover different square footage rooms to ensure proper air filtration within a residence. Bidder shall provide quantities at which price breaks will occur. Also, the proposed pricing must include shipping costs (including insurance for lost, stolen, or damaged products) and taxes.

    c. *Product Availability* – Complete *Section C* of Attachment C to demonstrate all standalone HEPA purifiers and replacement filters would be available on demand consistent with Task 1 above. Specify the lead time from order placement to delivery for stock and non-stock units.

2. It is the policy of the South Coast AQMD to receive at least as favorable pricing, warranties, conditions, benefits and terms as other customers or clients making similar purchases or receiving similar services. South Coast AQMD will give preference, where appropriate, to vendors who certify that they will provide “most favored customer” status to the South Coast AQMD. To receive preference points, Proposer shall certify that South Coast AQMD is receiving “most favored customer” pricing in the Business Status Certifications page of Volume III, Attachment B – Certifications and Representations.

VOLUME III - CERTIFICATIONS AND REPRESENTATIONS (see Attachment B to this RFP)

SECTION VIII: PROPOSAL SUBMISSION

All proposals must be submitted according to specifications set forth in the section above, and this section. Failure to adhere to these specifications may be cause for rejection of the proposal.

Signature - All proposals must be signed by an authorized representative of the Proposer.

Due Date - **All proposals are due no later than 3:00pm December 11, 2026, and should be directed to**:

Procurement Unit
South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765-4178
(909) 396-3520

Submittal – Submit two (2) complete copies of the proposal along with a USB flash drive containing a digital copy of the entire proposal (Volume I, Volume II, and Volume III) in a sealed envelope, plainly marked in the upper left-hand corner with the name and address of the Proposer and the words "Request for Proposals P2027-06." The South Coast AQMD staff may request a demonstration HEPA purifier unit from eligible applicants to complete the technical evaluation under Volume I of this RFP.

Late bids/proposals will not be accepted under any circumstances.

Grounds for Rejection - A proposal may be immediately rejected if:

- It is not prepared in the format described, or
- It is signed by an individual not authorized to represent the Firm, or
- A standalone HEPA purifier unit quoted does not meet the minimum specifications listed under Section VI (B) of this RFP.

Modification or Withdrawal - Once submitted, proposals cannot be altered without the prior written consent of South Coast AQMD. All proposals shall constitute firm offers and may not be withdrawn for a period of ninety (90) days following the last day to accept proposals.

SECTION IX: PROPOSAL EVALUATION/CONTRACTOR SELECTION CRITERIA

A. Each member of the evaluation panel shall be accorded equal weight in his or her rating of proposals. The evaluation panel members shall evaluate the proposals according to the specified criteria and numerical weightings set forth below.

1. Proposal Evaluation Criteria

(a) Technical Evaluation:

Criteria	**Description**	**Points**
Cost	Total Cost per package including a minimum of one standalone HEAP purifier, a one (1) year supply of replacement filters per unit and deployment (i.e., delivery and distribution)	50
CADR-Smoke/Dust/Pollen	The CADR smoke rating of the unit (more points for higher CADR rating)	15
Operating Cost	Including the costs of additional replacement filters, filter lifespan, etc.	25
Product Specifications	Additional features such as carbon filter, decibel (dB) level of unit on high, warranty, ease of use, etc.	10
	Total	**100**

(b) Emergency Readiness:

Criteria	**Points**
Inventory Capacity	25
Delivery Capacity	25
Warehouse Redundancy	25
Supply Chain Resilience	15
Emergency Experience	10
Total	**100**

(c) Additional Points:

Small Business or Small Business Joint Venture	10
DVBE or DVBE Joint Venture	10
Use of DVBE or Small Business Subcontractors	7
Zero or Near-Zero Emission Vehicle Business	5
Local Business (Non-Federally Funded Projects Only)	5
Off-Peak Hours Delivery Business	2
Most Favored Customer	2

The cumulative points awarded for small business, DVBE, use of small business or DVBE subcontractors, Zero or Near-Zero emission vehicle business, local business, and off-peak hours delivery business shall not exceed 15 points. Most Favored Customer status incentive points shall be added, as applicable for a total of 17 points.

<u>**Self-Certification for Additional Points**</u>
The award of these additional points shall be contingent upon Proposer completing the Self-Certification section of Attachment B – Certifications and Representations and/or inclusion of a statement in the proposal self- certifying that Proposer qualifies for additional points as detailed above.

2. To receive additional points in the evaluation process for the categories of Small Business or Small Business Joint Venture, DVBE or DVBE Joint Venture or Local Business (for non-federally funded projects), the proposer must submit a self-certification at the time of proposal submission certifying that the proposer meets the requirements set forth in Attachments A and B. To receive points for the use of DVBE and/or Small Business subcontractors, at least 25 percent of the total contract value must be subcontracted to DVBEs and/or Small Businesses. To receive points as a Zero or Near-Zero Emission Vehicle Business, the proposer must demonstrate to the Executive Officer, or designee, that supplies and materials delivered to South Coast AQMD are delivered in vehicles that operate on clean-fuels. To receive points as a Local Business, the proposer must affirm that it has an ongoing business within the South Coast AQMD at the time of bid/proposal submittal and that 90% of the work related to the contract will be performed within the South Coast AQMD. Proposals for legislative representation, such as in Sacramento, California or Washington D.C. are not eligible for local business incentive points. Federally funded projects are not eligible for local business incentive points. To receive points as an Off-Peak Hours Delivery Business, the proposer must submit, at proposal submission, certification of its commitment to delivering supplies and materials to South Coast AQMD between the hours of 10:00 a.m. and 3:00 p.m. To receive points for Most Favored Customer status, the proposer must submit, at proposal submission, certification of its commitment to provide most favored customer status to the South Coast AQMD. The cumulative points awarded for Small Business, DVBE, use of Small Business or DVBE Subcontractors, Local Business, Zero or Near- Zero Emission Vehicle Business, Off-Peak Hour Delivery Business and Most Favored Customer shall not exceed 17 points.

3. The lowest cost proposal will be awarded the maximum cost points available and all other cost proposals will receive points on a prorated basis. For example if the lowest cost proposal is $1,000 and the maximum points available are 30 points, this proposal would receive the full 30 points. If the next lowest cost proposal is $1,100 it would receive 27 points reflecting the fact that it is 10% higher than the lowest cost (90% of 30 points = 27 points).

B. During the selection process the evaluation panel may wish to interview some proposers for clarification purposes only. No new material will be permitted at this time. Additional information provided during the bid review process is limited to clarification by the Proposer of information presented in his/her proposal, upon request by South Coast AQMD.

C. The Executive Officer or Governing Board may award the contract to a Proposer other than the Proposer receiving the highest rating in the event the Governing Board determines that another Proposer from among those technically qualified would provide the best value to South Coast AQMD considering cost and technical factors. The determination shall be based solely on the Evaluation Criteria contained in the Request for

Proposal (RFP), on evidence provided in the proposal and on any other evidence provided during the bid review process.

D. Selection will be made based on the above-described criteria and rating factors. The selection will be made by and is subject to Executive Officer or Governing Board approval. Proposers may be notified of the results by letter.

E. The Governing Board has approved a Bid Protest Procedure which provides a process for a Bidder or prospective Bidder to submit a written protest to South Coast AQMD Procurement Manager in recognition of two types of protests: Protest Regarding Solicitation and Protest Regarding Award of a Contract. Copies of the Bid Protest Policy can be secured through a request to South Coast AQMD Procurement Department.

F. The Executive Officer or Governing Board may award contracts to more than one proposer if in (his or their) sole judgment the purposes of the (contract or award) would best be served by selecting multiple proposers.

G. If additional funds become available, the Executive Officer or Governing Board may increase the amount awarded. The Executive Officer or Governing Board may also select additional proposers for a grant or contract if additional funds become available.

H. Disposition of Proposals – Pursuant to South Coast AQMD's Procurement Policy and Procedure, South Coast AQMD reserves the right to reject any or all proposals. All proposals become the property of South Coast AQMD, and are subject to the California Public Records Act. One copy of the proposal shall be retained for South Coast AQMD files. Additional copies and materials will be returned only if requested and at the proposer's expense.

I. If proposal submittal is for a Public Works project as defined by State of California Labor Code Section 1720, Proposer is required to include Contractor Registration No. in Attachment B. Proposal submittal will be deemed as non-responsive and Bidder may be disqualified if Contractor Registration No. is not included in Attachment B. Proposer is alerted to changes to California Prevailing Wage compliance requirements as defined in Senate Bill 854 (Stat. 2014, Chapter 28), and California Labor Code Sections 1770, 1771, 1725.5, 1777, 1813 and 1815.

SECTION X: SAMPLE CONTRACT

A sample contract to carry out the work described in this RFP is available on South Coast AQMD's website at http://www.aqmd.gov/grants-bids or upon request from the RFP Contact Person (Section II).

ATTACHMENT A

PARTICIPATION IN THE PROCUREMENT PROCESS

A. It is the policy of South Coast Air Quality Management District (South Coast AQMD) to ensure that all businesses including minority business enterprises, women business enterprises, disabled veteran business enterprises and small businesses have a fair and equitable opportunity to compete for and participate in South Coast AQMD contracts.

B. Definitions:

The definition of minority, women or disadvantaged business enterprises set forth below is included for purposes of determining compliance with the affirmative steps requirement described in Paragraph G below on procurements funded in whole or in part with federal grant funds which involve the use of subcontractors. The definition provided for disabled veteran business enterprise, local business, small business enterprise, Zero or Near-Zero emission vehicle business and off-peak hours delivery business are provided for purposes of determining eligibility for point or cost considerations in the evaluation process.

1. "Women business enterprise" (WBE) as used in this policy means a business enterprise that meets all of the following criteria:

   a. a business that is at least 51 percent owned by one or more women, or in the case of any business whose stock is publicly held, at least 51 percent of the stock is owned by one or more or women.

   b. a business whose management and daily business operations are controlled by one or more women.

   c. a business which is a sole proprietorship, corporation, or partnership with its primary headquarters office located in the United States, which is not a branch or subsidiary of a foreign corporation, foreign firm, or other foreign-based business.

2. "Disabled veteran" as used in this policy is a United States military, naval, or air service veteran with at least 10 percent service-connected disability who is a resident of California.

3. "Disabled veteran business enterprise" (DVBE) as used in this policy means a business enterprise that meets all of the following criteria:

   a. is a sole proprietorship or partnership of which at least 51 percent is owned by one or more disabled veterans or, in the case of a publicly owned business, at least 51 percent of its stock is owned by one or more disabled veterans; a subsidiary which is wholly owned by a parent corporation but only if at least 51 percent of the voting stock of the parent corporation is owned by one or more disabled veterans; or a joint venture in which at least 51 percent of the joint venture's management and control and earnings are held by one or more disabled veterans.

b. the management and control of the daily business operations are by one or more disabled veterans. The disabled veterans who exercise management and control are not required to be the same disabled veterans as the owners of the business.

c. is a sole proprietorship, corporation, or partnership with its primary headquarters office located in the United States, which is not a branch or subsidiary of a foreign corporation, firm, or other foreign-based business.

4. "Local business" as used in this policy means a company that has an ongoing business within geographical boundaries of South Coast AQMD at the time of bid or proposal submittal and performs 90% of the work related to the contract within the geographical boundaries of South Coast AQMD and satisfies the requirements of subparagraph H below. Proposals for legislative representation, such as in Sacramento, California or Washington D.C. are not eligible for local business incentive points.

5. “Small business” as used in this policy means a business that meets the following criteria:

   a. 1) an independently owned and operated business; 2) not dominant in its field of operation; 3) together with affiliates is either:

      - A service, construction, or non-manufacturer with 100 or fewer employees, and average annual gross receipts of ten million dollars ($10,000,000) or less over the previous three years, or

      - A manufacturer with 100 or fewer employees.

   b. Manufacturer means a business that is both of the following:

      1) Primarily engaged in the chemical or mechanical transformation of raw materials or processed substances into new products.

      2) Classified between Codes 311000 and 339000, inclusive, of the North American Industrial Classification System (NAICS) Manual published by the United States Office of Management and Budget, 2007 edition.

6. "Joint ventures" as defined in this policy pertaining to certification means that one party to the joint venture is a DVBE or small business and owns at least 51 percent of the joint venture.

7. "Zero or Near-Zero Emission Vehicle Business" as used in this policy means a company or contractor that uses Zero or Near-Zero emission vehicles in conducting deliveries to South Coast AQMD. Zero or Near-Zero emission vehicles

include vehicles powered by electric, compressed natural gas (CNG), liquefied natural gas (LNG), liquefied petroleum gas (LPG), ethanol, methanol and hydrogen and are certified to 90% or lower of the existing standard.

8. “Off-Peak Hours Delivery Business” as used in this policy means a company or contractor that commits to conducting deliveries to South Coast AQMD during off-peak traffic hours defined as between 10:00 a.m. and 3:00 p.m.

9. “Benefits Incentive Business” as used in this policy means a company or contractor that provides janitorial, security guard or landscaping services to South Coast AQMD and commits to providing employee health benefits (as defined below in Section VIII.D.2.d) for full time workers with affordable deductible and co-payment terms.

10. “Minority Business Enterprise” as used in this policy means a business that is at least 51 percent owned by one or more minority person(s), or in the case of any business whose stock is publicly held, at least 51 percent of the stock is owned by one or more or minority persons.

    a. a business whose management and daily business operations are controlled by one or more minority persons.

    b. a business which is a sole proprietorship, corporation, or partnership with its primary headquarters office located in the United States, which is not a branch or subsidiary of a foreign corporation, foreign firm, or other foreign-based business.

    c. "Minority person" for purposes of this policy, means a Black American, Hispanic American, Native-American (including American Indian, Eskimo, Aleut, and Native Hawaiian), Asian-Indian (including a person whose origins are from India, Pakistan, and Bangladesh), Asian-Pacific-American (including a person whose origins are from Japan, China, the Philippines, Vietnam, Korea, Samoa, Guam, the United States Trust Territories of the Pacific, Northern Marianas, Laos, Cambodia, and Taiwan).

11. “Most Favored Customer” as used in this policy means that the South Coast AQMD will receive at least as favorable pricing, warranties, conditions, benefits and terms as other customers or clients making similar purchases or receiving similar services.

12. ”Disadvantaged Business Enterprise” as used in this policy means a business that is an entity owned and/or controlled by a socially and economically disadvantaged individual(s) as described by Title X of the Clean Air Act Amendments of 1990 (42 U.S.C. 7601 note) (10% statute), and Public Law 102-389 (42 U.S.C. 4370d)(8% statute), respectively;
    a Small Business Enterprise (SBE);
    a Small Business in a Rural Area (SBRA);
    a Labor Surplus Area Firm (LSAF); or

a Historically Underutilized Business (HUB) Zone Small Business Concern, or a concern under a successor program.

C. Under Request for Quotations (RFQ), DVBEs, DVBE business joint ventures, small businesses, and small business joint ventures shall be granted a preference in an amount equal to 5% of the lowest cost responsive bid. Zero or Near-Zero Emission Vehicle Businesses shall be granted a preference in an amount equal to 5 percent of the lowest cost responsive bid. Off-Peak Hours Delivery Businesses shall be granted a preference in an amount equal to 2 percent of the lowest cost responsive bid. Local businesses (if the procurement is not funded in whole or in part by federal grant funds) shall be granted a preference in an amount equal to 2% of the lowest cost responsive bid. Businesses offering Most Favored Customer status shall be granted a preference in an amount equal to 2 percent of the lowest cost responsive bid.

D. Under Request for Proposals, DVBEs, DVBE joint ventures, small businesses, and small business joint ventures shall be awarded ten (10) points in the evaluation process. A non-DVBE or large business shall receive seven (7) points for subcontracting at least twenty-five (25%) of the total contract value to a DVBE and/or small business. Zero or Near-Zero Emission Vehicle Businesses shall be awarded five (5) points in the evaluation process. On procurements which are not funded in whole or in part by federal grant funds local businesses shall receive five (5) points. Off-Peak Hours Delivery Businesses shall be awarded two (2) points in the evaluation process. Businesses offering Most Favored Customer status shall be awarded two (2) points in the evaluation process.

E. South Coast AQMD will ensure that discrimination in the award and performance of contracts does not occur on the basis of race, color, sex, national origin, marital status, sexual preference, creed, ancestry, medical condition, or retaliation for having filed a discrimination complaint in the performance of South Coast AQMD contractual obligations.

F. South Coast AQMD requires Contractor to be in compliance with all state and federal laws and regulations with respect to its employees throughout the term of any awarded contract, including state minimum wage laws and OSHA requirements.

G. When contracts are funded in whole or in part by federal funds, and if subcontracts are to be let, the Contractor must comply with the following, evidencing a good faith effort to solicit disadvantaged businesses. Contractor shall submit a certification signed by an authorized official affirming its status as a MBE or WBE, as applicable, at the time of contract execution. South Coast AQMD reserves the right to request documentation demonstrating compliance with the following good faith efforts prior to contract execution.

1. Ensure Disadvantaged Business Enterprises (DBEs) are made aware of contracting opportunities to the fullest extent practicable through outreach and recruitment activities. For Indian Tribal, State and Local Government recipients, this will include placing DBEs on solicitation lists and soliciting them whenever they are potential sources.

2. Make information on forthcoming opportunities available to DBEs and arrange time frames for contracts and establish delivery schedules, where the requirements permit, in a way that encourages and facilitates

participation by DBEs in the competitive process. This includes, whenever possible, posting solicitations for bids or proposals for a minimum of 30 calendar days before the bid or proposal closing date.

3. Consider in the contracting process whether firms competing for large contracts could subcontract with DBEs. For Indian Tribal, State and Local Government recipients, this will include dividing total requirements when economically feasible into smaller tasks or quantities to permit maximum participation by DBEs in the competitive process.

4. Encourage contracting with a consortium of DBEs when a contract is too large for one of these firms to handle individually.

5. Using the services and assistance of the Small Business Administration and the Minority Business Development Agency of the Department of Commerce.

6. If the prime contractor awards subcontracts, require the prime contractor to take the above steps.

H. To the extent that any conflict exists between this policy and any requirements imposed by federal and state law relating to participation in a contract by a certified MBE/WBE/DVBE as a condition of receipt of federal or state funds, the federal or state requirements shall prevail.

I. When contracts are not funded in whole or in part by federal grant funds, a local business preference will be awarded. For such contracts that involve the purchase of commercial off-the-shelf products, local business preference will be given to suppliers or distributors of commercial off-the-shelf products who maintain an ongoing business within the geographical boundaries of South Coast AQMD. However, if the subject matter of the RFP or RFQ calls for the fabrication or manufacture of custom products, only companies performing 90% of the manufacturing or fabrication effort within the geographical boundaries of South Coast AQMD shall be entitled to the local business preference. Proposals for legislative representation, such as in Sacramento, California or Washington D.C. are not eligible for local business incentive points.

J. In compliance with federal fair share requirements set forth in 40 CFR Part 33, South Coast AQMD shall establish a fair share goal annually for expenditures with federal funds covered by its procurement policy.

ATTACHMENT B
Certifications and Representations

South Coast
Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

Business Information Request

Dear South Coast AQMD Contractor/Supplier:

South Coast Air Quality Management District (South Coast AQMD) is committed to ensuring that our contractor/supplier records are current and accurate. If your firm is selected for award of a purchase order or contract, it is imperative that the information requested herein be supplied in a timely manner to facilitate payment of invoices. In order to process your payments, we need the enclosed information regarding your account. **Please review and complete the information identified on the following pages, remember to sign all documents for our files, and return them as soon as possible to the address below:**

Attention: Accounts Payable, Accounting Department
South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765-4178

If you do not return this information, we will not be able to establish you as a vendor. This will delay any payments and would still necessitate your submittal of the enclosed information to our Accounting department before payment could be initiated. Completion of this document and enclosed forms would ensure that your payments are processed timely and accurately.

If you have any questions or need assistance in completing this information, please contact Accounting at (909) 396-3777. We appreciate your cooperation in completing this necessary information.

Sincerely,

Sujata Jain
Chief Financial Officer

DH:nd

Enclosures: Business Information Request
Disadvantaged Business Certification
W-9
Form 590 Withholding Exemption Certificate
Federal Contract Debarment Certification
Campaign Contributions Disclosure

South Coast
Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

BUSINESS INFORMATION REQUEST

Business Name	
Division of	
Subsidiary of	
Website Address	
Type of Business *Check One:*	☐ Individual ☐ DBA, Name _______________, County Filed in _______________ ☐ Corporation, ID No. ________________ ☐ LLC/LLP, ID No. _______________ ☐ Other _______________

REMITTING ADDRESS INFORMATION

Address			
City/Town			
State/Province		Zip	
Phone	( ) - Ext	Fax	( ) -
Contact		Title	
E-mail Address			
Payment Name if Different			

All invoices must reference the corresponding Purchase Order Number(s)/Contract Number(s) if applicable and mailed to:

Attention: Accounts Payable, Accounting Department
South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765-4178

BUSINESS STATUS CERTIFICATIONS

Federal guidance for utilization of disadvantaged business enterprises allows a vendor to be deemed a small business enterprise (SBE), minority business enterprise (MBE) or women business enterprise (WBE) if it meets the criteria below.

- is certified by the Small Business Administration or
- is certified by a state or federal agency or
- is an independent MBE(s) or WBE(s) business concern which is at least 51 percent owned and controlled by minority group member(s) who are citizens of the United States.

Statements of certification:

As a prime contractor to South Coast AQMD,__________________________(name of business) will engage in good faith efforts to achieve the fair share in accordance with 40 CFR Section 33.301, and will follow the six affirmative steps listed below **for contracts or purchase orders funded in whole or in part by federal grants and contracts.**

1. Place qualified SBEs, MBEs, and WBEs on solicitation lists.
2. Assure that SBEs, MBEs, and WBEs are solicited whenever possible.
3. When economically feasible, divide total requirements into small tasks or quantities to permit greater participation by SBEs, MBEs, and WBEs.
4. Establish delivery schedules, if possible, to encourage participation by SBEs, MBEs, and WBEs.
5. Use services of Small Business Administration, Minority Business Development Agency of the Department of Commerce, and/or any agency authorized as a clearinghouse for SBEs, MBEs, and WBEs.
6. If subcontracts are to be let, take the above affirmative steps.

Self-Certification Verification: Also for use in awarding additional points, as applicable, in accordance with South Coast AQMD Procurement Policy and Procedure:

Check all that apply:

☐ Small Business Enterprise/Small Business Joint Venture
☐ *Local business*
☐ Minority-owned Business Enterprise
☐ Women-owned Business Enterprise
☐ *Disabled Veteran-owned Business Enterprise/DVBE Joint Venture*
☐ Most Favored Customer Pricing Certification

Percent of ownership: ________ *%*

Name of Qualifying Owner(s): ______________________________________ ______________________________________

State of California Public Works Contractor Registration No. _______________________. **MUST BE INCLUDED IF BID PROPOSAL IS FOR PUBLIC WORKS PROJECT.**

I, the undersigned, hereby declare that to the best of my knowledge the above information is accurate. Upon penalty of perjury, I certify information submitted is factual.

______________________________________ ______________________________________

NAME ***TITLE***

______________________________________ ______________________________________

TELEPHONE NUMBER ***DATE***

Definitions

<u>**Disabled Veteran-Owned Business Enterprise** means a business that meets all of the following criteria:</u>

- is a sole proprietorship or partnership of which is at least 51 percent owned by one or more disabled veterans, or in the case of any business whose stock is publicly held, at least 51 percent of the stock is owned by one or more disabled veterans; a subsidiary which is wholly owned by a parent corporation but only if at least 51 percent of the voting stock of the parent corporation is owned by one or more disabled veterans; or a joint venture in which at least 51 percent of the joint venture's management and control and earnings are held by one or more disabled veterans.
- the management and control of the daily business operations are by one or more disabled veterans. The disabled veterans who exercise management and control are not required to be the same disabled veterans as the owners of the business.
- is a sole proprietorship, corporation, partnership, or joint venture with its primary headquarters office located in the United States and which is not a branch or subsidiary of a foreign corporation, firm, or other foreign-based business.

Joint Venture means that one party to the joint venture is a DVBE and owns at least 51 percent of the joint venture. In the case of a joint venture formed for a single project this means that DVBE will receive at least 51 percent of the project dollars.

Local Business means a business that meets all of the following criteria:

- has an ongoing business within the boundary of South Coast AQMD at the time of bid application.
- performs 90 percent of the work within South Coast AQMD's jurisdiction.

Minority-Owned Business Enterprise means a business that meets all of the following criteria:

- is at least 51 percent owned by one or more minority persons or in the case of any business whose stock is publicly held, at least 51 percent of the stock is owned by one or more minority persons.
- is a business whose management and daily business operations are controlled or owned by one or more minority person.
- is a business which is a sole proprietorship, corporation, partnership, joint venture, an association, or a cooperative with its primary headquarters office located in the United States, which is not a branch or subsidiary of a foreign corporation, foreign firm, or other foreign business.

"Minority" person means a Black American, Hispanic American, Native American (including American Indian, Eskimo, Aleut, and Native Hawaiian), Asian-Indian American (including a person whose origins are from India, Pakistan, or Bangladesh), Asian-Pacific American (including a person whose origins are from Japan, China, the Philippines, Vietnam, Korea, Samoa, Guam, the United States Trust Territories of the Pacific, Northern Marianas, Laos, Cambodia, or Taiwan).

Small Business Enterprise means a business that meets the following criteria:

a. 1) an independently owned and operated business; 2) not dominant in its field of operation; 3) together with affiliates is either:

   - A service, construction, or non-manufacturer with 100 or fewer employees, and average annual gross receipts of ten million dollars ($10,000,000) or less over the previous three years, or

   - A manufacturer with 100 or fewer employees.

b. Manufacturer means a business that is both of the following:

   1) Primarily engaged in the chemical or mechanical transformation of raw materials or processed substances into new products.

   2) Classified between Codes 311000 to 339000, inclusive, of the North American Industrial Classification System (NAICS) Manual published by the United States Office of Management and Budget, 2007 edition.

Small Business Joint Venture means that one party to the joint venture is a Small Business and owns at least 51 percent of the joint venture. In the case of a joint venture formed for a single project this means that the Small Business will receive at least 51 percent of the project dollars.

Women-Owned Business Enterprise means a business that meets all of the following criteria:

- is at least 51 percent owned by one or more women or in the case of any business whose stock is publicly held, at least 51 percent of the stock is owned by one or more women.
- is a business whose management and daily business operations are controlled or owned by one or more women.
- is a business which is a sole proprietorship, corporation, partnership, or a joint venture, with its primary headquarters office located in the United States, which is not a branch or subsidiary of a foreign corporation, foreign firm, or other foreign business.

Most Favored Customer as used in this policy means that the South Coast AQMD will receive at least as favorable pricing, warranties, conditions, benefits and terms as other customers or clients making similar purchases or receiving similar services.

Form **W-9**
(Rev. October 2018)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

▶ Go to *www.irs.gov/FormW9* for instructions and the latest information.

Give Form to the requester. Do not send to the IRS.

Print or type. See **Specific Instructions** on page 3.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.

2 Business name/disregarded entity name, if different from above

3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only **one** of the following seven boxes.

☐ Individual/sole proprietor or single-member LLC ☐ C Corporation ☐ S Corporation ☐ Partnership ☐ Trust/estate

☐ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶

Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is **not** disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.

☐ Other (see instructions) ▶

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):

Exempt payee code (if any)

Exemption from FATCA reporting code (if any)

(Applies to accounts maintained outside the U.S.)

5 Address (number, street, and apt. or suite no.) See instructions.

Requester's name and address (optional)

6 City, state, and ZIP code

7 List account number(s) here (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN,* later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number

☐☐☐ – ☐☐ – ☐☐☐☐

or

Employer identification number

☐☐ – ☐☐☐☐☐☐☐

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here | **Signature of U.S. person ▶** | **Date ▶**

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to *www.irs.gov/FormW9*.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, *later.*

Cat. No. 10231X

By signing the filled-out form, you:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),

2. Certify that you are not subject to backup withholding, or

3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and

4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting*, later, for further information.

Note: If you are a U.S. person and a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien;
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States;
- An estate (other than a foreign estate); or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax under section 1446 on any foreign partners' share of effectively connected taxable income from such business. Further, in certain cases where a Form W-9 has not been received, the rules under section 1446 require a partnership to presume that a partner is a foreign person, and pay the section 1446 withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid section 1446 withholding on your share of partnership income.

In the cases below, the following person must give Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States.

- In the case of a disregarded entity with a U.S. owner, the U.S. owner of the disregarded entity and not the entity;
- In the case of a grantor trust with a U.S. grantor or other U.S. owner, generally, the U.S. grantor or other U.S. owner of the grantor trust and not the trust; and
- In the case of a U.S. trust (other than a grantor trust), the U.S. trust (other than a grantor trust) and not the beneficiaries of the trust.

Foreign person. If you are a foreign person or the U.S. branch of a foreign bank that has elected to be treated as a U.S. person, do not use Form W-9. Instead, use the appropriate Form W-8 or Form 8233 (see Pub. 515, Withholding of Tax on Nonresident Aliens and Foreign Entities).

Nonresident alien who becomes a resident alien. Generally, only a nonresident alien individual may use the terms of a tax treaty to reduce or eliminate U.S. tax on certain types of income. However, most tax treaties contain a provision known as a "saving clause." Exceptions specified in the saving clause may permit an exemption from tax to continue for certain types of income even after the payee has otherwise become a U.S. resident alien for tax purposes.

If you are a U.S. resident alien who is relying on an exception contained in the saving clause of a tax treaty to claim an exemption from U.S. tax on certain types of income, you must attach a statement to Form W-9 that specifies the following five items.

1. The treaty country. Generally, this must be the same treaty under which you claimed exemption from tax as a nonresident alien.

2. The treaty article addressing the income.

3. The article number (or location) in the tax treaty that contains the saving clause and its exceptions.

4. The type and amount of income that qualifies for the exemption from tax.

5. Sufficient facts to justify the exemption from tax under the terms of the treaty article.

Example. Article 20 of the U.S.-China income tax treaty allows an exemption from tax for scholarship income received by a Chinese student temporarily present in the United States. Under U.S. law, this student will become a resident alien for tax purposes if his or her stay in the United States exceeds 5 calendar years. However, paragraph 2 of the first Protocol to the U.S.-China treaty (dated April 30, 1984) allows the provisions of Article 20 to continue to apply even after the Chinese student becomes a resident alien of the United States. A Chinese student who qualifies for this exception (under paragraph 2 of the first protocol) and is relying on this exception to claim an exemption from tax on his or her scholarship or fellowship income would attach to Form W-9 a statement that includes the information described above to support that exemption.

If you are a nonresident alien or a foreign entity, give the requester the appropriate completed Form W-8 or Form 8233.

Backup Withholding

What is backup withholding? Persons making certain payments to you must under certain conditions withhold and pay to the IRS 24% of such payments. This is called "backup withholding." Payments that may be subject to backup withholding include interest, tax-exempt interest, dividends, broker and barter exchange transactions, rents, royalties, nonemployee pay, payments made in settlement of payment card and third party network transactions, and certain payments from fishing boat operators. Real estate transactions are not subject to backup withholding.

You will not be subject to backup withholding on payments you receive if you give the requester your correct TIN, make the proper certifications, and report all your taxable interest and dividends on your tax return.

Payments you receive will be subject to backup withholding if:

1. You do not furnish your TIN to the requester,

2. You do not certify your TIN when required (see the instructions for Part II for details),

3. The IRS tells the requester that you furnished an incorrect TIN,

4. The IRS tells you that you are subject to backup withholding because you did not report all your interest and dividends on your tax return (for reportable interest and dividends only), or

5. You do not certify to the requester that you are not subject to backup withholding under 4 above (for reportable interest and dividend accounts opened after 1983 only).

Certain payees and payments are exempt from backup withholding. See *Exempt payee code*, later, and the separate Instructions for the Requester of Form W-9 for more information.

Also see *Special rules for partnerships*, earlier.

What is FATCA Reporting?

The Foreign Account Tax Compliance Act (FATCA) requires a participating foreign financial institution to report all United States account holders that are specified United States persons. Certain payees are exempt from FATCA reporting. See *Exemption from FATCA reporting code*, later, and the Instructions for the Requester of Form W-9 for more information.

Updating Your Information

You must provide updated information to any person to whom you claimed to be an exempt payee if you are no longer an exempt payee and anticipate receiving reportable payments in the future from this person. For example, you may need to provide updated information if you are a C corporation that elects to be an S corporation, or if you no longer are tax exempt. In addition, you must furnish a new Form W-9 if the name or TIN changes for the account; for example, if the grantor of a grantor trust dies.

Penalties

Failure to furnish TIN. If you fail to furnish your correct TIN to a requester, you are subject to a penalty of $50 for each such failure unless your failure is due to reasonable cause and not to willful neglect.

Civil penalty for false information with respect to withholding. If you make a false statement with no reasonable basis that results in no backup withholding, you are subject to a $500 penalty.

Criminal penalty for falsifying information. Willfully falsifying certifications or affirmations may subject you to criminal penalties including fines and/or imprisonment.

Misuse of TINs. If the requester discloses or uses TINs in violation of federal law, the requester may be subject to civil and criminal penalties.

Specific Instructions

Line 1

You must enter one of the following on this line; **do not** leave this line blank. The name should match the name on your tax return.

If this Form W-9 is for a joint account (other than an account maintained by a foreign financial institution (FFI)), list first, and then circle, the name of the person or entity whose number you entered in Part I of Form W-9. If you are providing Form W-9 to an FFI to document a joint account, each holder of the account that is a U.S. person must provide a Form W-9.

a. **Individual.** Generally, enter the name shown on your tax return. If you have changed your last name without informing the Social Security Administration (SSA) of the name change, enter your first name, the last name as shown on your social security card, and your new last name.

Note: ITIN applicant: Enter your individual name as it was entered on your Form W-7 application, line 1a. This should also be the same as the name you entered on the Form 1040/1040A/1040EZ you filed with your application.

b. **Sole proprietor or single-member LLC.** Enter your individual name as shown on your 1040/1040A/1040EZ on line 1. You may enter your business, trade, or "doing business as" (DBA) name on line 2.

c. **Partnership, LLC that is not a single-member LLC, C corporation, or S corporation.** Enter the entity's name as shown on the entity's tax return on line 1 and any business, trade, or DBA name on line 2.

d. **Other entities.** Enter your name as shown on required U.S. federal tax documents on line 1. This name should match the name shown on the charter or other legal document creating the entity. You may enter any business, trade, or DBA name on line 2.

e. **Disregarded entity.** For U.S. federal tax purposes, an entity that is disregarded as an entity separate from its owner is treated as a "disregarded entity." See Regulations section 301.7701-2(c)(2)(iii). Enter the owner's name on line 1. The name of the entity entered on line 1 should never be a disregarded entity. The name on line 1 should be the name shown on the income tax return on which the income should be reported. For example, if a foreign LLC that is treated as a disregarded entity for U.S. federal tax purposes has a single owner that is a U.S. person, the U.S. owner's name is required to be provided on line 1. If the direct owner of the entity is also a disregarded entity, enter the first owner that is not disregarded for federal tax purposes. Enter the disregarded entity's name on line 2, "Business name/disregarded entity name." If the owner of the disregarded entity is a foreign person, the owner must complete an appropriate Form W-8 instead of a Form W-9. This is the case even if the foreign person has a U.S. TIN.

Line 2

If you have a business name, trade name, DBA name, or disregarded entity name, you may enter it on line 2.

Line 3

Check the appropriate box on line 3 for the U.S. federal tax classification of the person whose name is entered on line 1. Check only one box on line 3.

IF the entity/person on line 1 is a(n) . . .	THEN check the box for . . .
• Corporation	Corporation
• Individual • Sole proprietorship, or • Single-member limited liability company (LLC) owned by an individual and disregarded for U.S. federal tax purposes.	Individual/sole proprietor or single-member LLC
• LLC treated as a partnership for U.S. federal tax purposes, • LLC that has filed Form 8832 or 2553 to be taxed as a corporation, or • LLC that is disregarded as an entity separate from its owner but the owner is another LLC that is not disregarded for U.S. federal tax purposes.	Limited liability company and enter the appropriate tax classification. (P= Partnership; C= C corporation; or S= S corporation)
• Partnership	Partnership
• Trust/estate	Trust/estate

Line 4, Exemptions

If you are exempt from backup withholding and/or FATCA reporting, enter in the appropriate space on line 4 any code(s) that may apply to you.

Exempt payee code.

- Generally, individuals (including sole proprietors) are not exempt from backup withholding.
- Except as provided below, corporations are exempt from backup withholding for certain payments, including interest and dividends.
- Corporations are not exempt from backup withholding for payments made in settlement of payment card or third party network transactions.
- Corporations are not exempt from backup withholding with respect to attorneys' fees or gross proceeds paid to attorneys, and corporations that provide medical or health care services are not exempt with respect to payments reportable on Form 1099-MISC.

The following codes identify payees that are exempt from backup withholding. Enter the appropriate code in the space in line 4.

1—An organization exempt from tax under section 501(a), any IRA, or a custodial account under section 403(b)(7) if the account satisfies the requirements of section 401(f)(2)

2—The United States or any of its agencies or instrumentalities

3—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities

4—A foreign government or any of its political subdivisions, agencies, or instrumentalities

5—A corporation

6—A dealer in securities or commodities required to register in the United States, the District of Columbia, or a U.S. commonwealth or possession

7—A futures commission merchant registered with the Commodity Futures Trading Commission

8—A real estate investment trust

9—An entity registered at all times during the tax year under the Investment Company Act of 1940

10—A common trust fund operated by a bank under section 584(a)

11—A financial institution

12—A middleman known in the investment community as a nominee or custodian

13—A trust exempt from tax under section 664 or described in section 4947

The following chart shows types of payments that may be exempt from backup withholding. The chart applies to the exempt payees listed above, 1 through 13.

IF the payment is for . . .	THEN the payment is exempt for . . .
Interest and dividend payments	All exempt payees except for 7
Broker transactions	Exempt payees 1 through 4 and 6 through 11 and all C corporations. S corporations must not enter an exempt payee code because they are exempt only for sales of noncovered securities acquired prior to 2012.
Barter exchange transactions and patronage dividends	Exempt payees 1 through 4
Payments over $600 required to be reported and direct sales over $5,000[1]	Generally, exempt payees 1 through 5[2]
Payments made in settlement of payment card or third party network transactions	Exempt payees 1 through 4

[1] See Form 1099-MISC, Miscellaneous Income, and its instructions.

[2] However, the following payments made to a corporation and reportable on Form 1099-MISC are not exempt from backup withholding: medical and health care payments, attorneys' fees, gross proceeds paid to an attorney reportable under section 6045(f), and payments for services paid by a federal executive agency.

Exemption from FATCA reporting code. The following codes identify payees that are exempt from reporting under FATCA. These codes apply to persons submitting this form for accounts maintained outside of the United States by certain foreign financial institutions. Therefore, if you are only submitting this form for an account you hold in the United States, you may leave this field blank. Consult with the person requesting this form if you are uncertain if the financial institution is subject to these requirements. A requester may indicate that a code is not required by providing you with a Form W-9 with "Not Applicable" (or any similar indication) written or printed on the line for a FATCA exemption code.

A—An organization exempt from tax under section 501(a) or any individual retirement plan as defined in section 7701(a)(37)

B—The United States or any of its agencies or instrumentalities

C—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities

D—A corporation the stock of which is regularly traded on one or more established securities markets, as described in Regulations section 1.1472-1(c)(1)(i)

E—A corporation that is a member of the same expanded affiliated group as a corporation described in Regulations section 1.1472-1(c)(1)(i)

F—A dealer in securities, commodities, or derivative financial instruments (including notional principal contracts, futures, forwards, and options) that is registered as such under the laws of the United States or any state

G—A real estate investment trust

H—A regulated investment company as defined in section 851 or an entity registered at all times during the tax year under the Investment Company Act of 1940

I—A common trust fund as defined in section 584(a)

J—A bank as defined in section 581

K—A broker

L—A trust exempt from tax under section 664 or described in section 4947(a)(1)

M—A tax exempt trust under a section 403(b) plan or section 457(g) plan

Note: You may wish to consult with the financial institution requesting this form to determine whether the FATCA code and/or exempt payee code should be completed.

Line 5

Enter your address (number, street, and apartment or suite number). This is where the requester of this Form W-9 will mail your information returns. If this address differs from the one the requester already has on file, write NEW at the top. If a new address is provided, there is still a chance the old address will be used until the payor changes your address in their records.

Line 6

Enter your city, state, and ZIP code.

Part I. Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. If you are a resident alien and you do not have and are not eligible to get an SSN, your TIN is your IRS individual taxpayer identification number (ITIN). Enter it in the social security number box. If you do not have an ITIN, see *How to get a TIN* below.

If you are a sole proprietor and you have an EIN, you may enter either your SSN or EIN.

If you are a single-member LLC that is disregarded as an entity separate from its owner, enter the owner's SSN (or EIN, if the owner has one). Do not enter the disregarded entity's EIN. If the LLC is classified as a corporation or partnership, enter the entity's EIN.

Note: See *What Name and Number To Give the Requester,* later, for further clarification of name and TIN combinations.

How to get a TIN. If you do not have a TIN, apply for one immediately. To apply for an SSN, get Form SS-5, Application for a Social Security Card, from your local SSA office or get this form online at *www.SSA.gov*. You may also get this form by calling 1-800-772-1213. Use Form W-7, Application for IRS Individual Taxpayer Identification Number, to apply for an ITIN, or Form SS-4, Application for Employer Identification Number, to apply for an EIN. You can apply for an EIN online by accessing the IRS website at *www.irs.gov/Businesses* and clicking on Employer Identification Number (EIN) under Starting a Business. Go to *www.irs.gov/Forms* to view, download, or print Form W-7 and/or Form SS-4. Or, you can go to *www.irs.gov/OrderForms* to place an order and have Form W-7 and/or SS-4 mailed to you within 10 business days.

If you are asked to complete Form W-9 but do not have a TIN, apply for a TIN and write "Applied For" in the space for the TIN, sign and date the form, and give it to the requester. For interest and dividend payments, and certain payments made with respect to readily tradable instruments, generally you will have 60 days to get a TIN and give it to the requester before you are subject to backup withholding on payments. The 60-day rule does not apply to other types of payments. You will be subject to backup withholding on all such payments until you provide your TIN to the requester.

Note: Entering "Applied For" means that you have already applied for a TIN or that you intend to apply for one soon.

Caution: A disregarded U.S. entity that has a foreign owner must use the appropriate Form W-8.

Part II. Certification

To establish to the withholding agent that you are a U.S. person, or resident alien, sign Form W-9. You may be requested to sign by the withholding agent even if item 1, 4, or 5 below indicates otherwise.

For a joint account, only the person whose TIN is shown in Part I should sign (when required). In the case of a disregarded entity, the person identified on line 1 must sign. Exempt payees, see *Exempt payee code,* earlier.

Signature requirements. Complete the certification as indicated in items 1 through 5 below.

1. Interest, dividend, and barter exchange accounts opened before 1984 and broker accounts considered active during 1983. You must give your correct TIN, but you do not have to sign the certification.

2. Interest, dividend, broker, and barter exchange accounts opened after 1983 and broker accounts considered inactive during 1983. You must sign the certification or backup withholding will apply. If you are subject to backup withholding and you are merely providing your correct TIN to the requester, you must cross out item 2 in the certification before signing the form.

3. Real estate transactions. You must sign the certification. You may cross out item 2 of the certification.

4. Other payments. You must give your correct TIN, but you do not have to sign the certification unless you have been notified that you have previously given an incorrect TIN. "Other payments" include payments made in the course of the requester's trade or business for rents, royalties, goods (other than bills for merchandise), medical and health care services (including payments to corporations), payments to a nonemployee for services, payments made in settlement of payment card and third party network transactions, payments to certain fishing boat crew members and fishermen, and gross proceeds paid to attorneys (including payments to corporations).

5. Mortgage interest paid by you, acquisition or abandonment of secured property, cancellation of debt, qualified tuition program payments (under section 529), ABLE accounts (under section 529A), IRA, Coverdell ESA, Archer MSA or HSA contributions or distributions, and pension distributions. You must give your correct TIN, but you do not have to sign the certification.

What Name and Number To Give the Requester

For this type of account:	Give name and SSN of:
1. Individual	The individual
2. Two or more individuals (joint account) other than an account maintained by an FFI	The actual owner of the account or, if combined funds, the first individual on the account[1]
3. Two or more U.S. persons (joint account maintained by an FFI)	Each holder of the account
4. Custodial account of a minor (Uniform Gift to Minors Act)	The minor[2]
5. a. The usual revocable savings trust (grantor is also trustee)	The grantor-trustee[1]
b. So-called trust account that is not a legal or valid trust under state law	The actual owner[1]
6. Sole proprietorship or disregarded entity owned by an individual	The owner[3]
7. Grantor trust filing under Optional Form 1099 Filing Method 1 (see Regulations section 1.671-4(b)(2)(i)(A))	The grantor*
For this type of account:	**Give name and EIN of:**
8. Disregarded entity not owned by an individual	The owner
9. A valid trust, estate, or pension trust	Legal entity[4]
10. Corporation or LLC electing corporate status on Form 8832 or Form 2553	The corporation
11. Association, club, religious, charitable, educational, or other tax-exempt organization	The organization
12. Partnership or multi-member LLC	The partnership
13. A broker or registered nominee	The broker or nominee
14. Account with the Department of Agriculture in the name of a public entity (such as a state or local government, school district, or prison) that receives agricultural program payments	The public entity
15. Grantor trust filing under the Form 1041 Filing Method or the Optional Form 1099 Filing Method 2 (see Regulations section 1.671-4(b)(2)(i)(B))	The trust

[1] List first and circle the name of the person whose number you furnish. If only one person on a joint account has an SSN, that person's number must be furnished.

[2] Circle the minor's name and furnish the minor's SSN.

[3] You must show your individual name and you may also enter your business or DBA name on the "Business name/disregarded entity" name line. You may use either your SSN or EIN (if you have one), but the IRS encourages you to use your SSN.

[4] List first and circle the name of the trust, estate, or pension trust. (Do not furnish the TIN of the personal representative or trustee unless the legal entity itself is not designated in the account title.) Also see *Special rules for partnerships*, earlier.

***Note:** The grantor also must provide a Form W-9 to trustee of trust.

Note: If no name is circled when more than one name is listed, the number will be considered to be that of the first name listed.

Secure Your Tax Records From Identity Theft

Identity theft occurs when someone uses your personal information such as your name, SSN, or other identifying information, without your permission, to commit fraud or other crimes. An identity thief may use your SSN to get a job or may file a tax return using your SSN to receive a refund.

To reduce your risk:

- Protect your SSN,
- Ensure your employer is protecting your SSN, and
- Be careful when choosing a tax preparer.

If your tax records are affected by identity theft and you receive a notice from the IRS, respond right away to the name and phone number printed on the IRS notice or letter.

If your tax records are not currently affected by identity theft but you think you are at risk due to a lost or stolen purse or wallet, questionable credit card activity or credit report, contact the IRS Identity Theft Hotline at 1-800-908-4490 or submit Form 14039.

For more information, see Pub. 5027, Identity Theft Information for Taxpayers.

Victims of identity theft who are experiencing economic harm or a systemic problem, or are seeking help in resolving tax problems that have not been resolved through normal channels, may be eligible for Taxpayer Advocate Service (TAS) assistance. You can reach TAS by calling the TAS toll-free case intake line at 1-877-777-4778 or TTY/TDD 1-800-829-4059.

Protect yourself from suspicious emails or phishing schemes. Phishing is the creation and use of email and websites designed to mimic legitimate business emails and websites. The most common act is sending an email to a user falsely claiming to be an established legitimate enterprise in an attempt to scam the user into surrendering private information that will be used for identity theft.

The IRS does not initiate contacts with taxpayers via emails. Also, the IRS does not request personal detailed information through email or ask taxpayers for the PIN numbers, passwords, or similar secret access information for their credit card, bank, or other financial accounts.

If you receive an unsolicited email claiming to be from the IRS, forward this message to *phishing@irs.gov*. You may also report misuse of the IRS name, logo, or other IRS property to the Treasury Inspector General for Tax Administration (TIGTA) at 1-800-366-4484. You can forward suspicious emails to the Federal Trade Commission at *spam@uce.gov* or report them at *www.ftc.gov/complaint*. You can contact the FTC at *www.ftc.gov/idtheft* or 877-IDTHEFT (877-438-4338). If you have been the victim of identity theft, see *www.IdentityTheft.gov* and Pub. 5027.

Visit *www.irs.gov/IdentityTheft* to learn more about identity theft and how to reduce your risk.

Privacy Act Notice

Section 6109 of the Internal Revenue Code requires you to provide your correct TIN to persons (including federal agencies) who are required to file information returns with the IRS to report interest, dividends, or certain other income paid to you; mortgage interest you paid; the acquisition or abandonment of secured property; the cancellation of debt; or contributions you made to an IRA, Archer MSA, or HSA. The person collecting this form uses the information on the form to file information returns with the IRS, reporting the above information. Routine uses of this information include giving it to the Department of Justice for civil and criminal litigation and to cities, states, the District of Columbia, and U.S. commonwealths and possessions for use in administering their laws. The information also may be disclosed to other countries under a treaty, to federal and state agencies to enforce civil and criminal laws, or to federal law enforcement and intelligence agencies to combat terrorism. You must provide your TIN whether or not you are required to file a tax return. Under section 3406, payers must generally withhold a percentage of taxable interest, dividend, and certain other payments to a payee who does not give a TIN to the payer. Certain penalties may also apply for providing false or fraudulent information.

TAXABLE YEAR

CALIFORNIA FORM

2021 Withholding Exemption Certificate 590

The payee completes this form and submits it to the withholding agent. The withholding agent keeps this form with their records.

Withholding Agent Information

Name

Payee Information

Name

☐ SSN or ITIN ☐ FEIN ☐ CA Corp no. ☐ CA SOS file no.

Address (apt./ste., room, PO box, or PMB no.)

City (If you have a foreign address, see instructions.) | State | ZIP code

Exemption Reason

Check only one box.

By checking the appropriate box below, the payee certifies the reason for the exemption from the California income tax withholding requirements on payment(s) made to the entity or individual.

☐ **Individuals — Certification of Residency:**
I am a resident of California and I reside at the address shown above. If I become a nonresident at any time, I will promptly notify the withholding agent. See instructions for General Information D, Definitions.

☐ **Corporations:**
The corporation has a permanent place of business in California at the address shown above or is qualified through the California Secretary of State (SOS) to do business in California. The corporation will file a California tax return. If this corporation ceases to have a permanent place of business in California or ceases to do any of the above, I will promptly notify the withholding agent. See instructions for General Information D, Definitions.

☐ **Partnerships or Limited Liability Companies (LLCs):**
The partnership or LLC has a permanent place of business in California at the address shown above or is registered with the California SOS, and is subject to the laws of California. The partnership or LLC will file a California tax return. If the partnership or LLC ceases to do any of the above, I will promptly inform the withholding agent. For withholding purposes, a limited liability partnership (LLP) is treated like any other partnership.

☐ **Tax-Exempt Entities:**
The entity is exempt from tax under California Revenue and Taxation Code (R&TC) Section 23701 ______ (insert letter) or Internal Revenue Code Section 501(c) _____ (insert number). If this entity ceases to be exempt from tax, I will promptly notify the withholding agent. Individuals cannot be tax-exempt entities.

☐ **Insurance Companies, Individual Retirement Arrangements (IRAs), or Qualified Pension/Profit-Sharing Plans:**
The entity is an insurance company, IRA, or a federally qualified pension or profit-sharing plan.

☐ **California Trusts:**
At least one trustee and one noncontingent beneficiary of the above-named trust is a California resident. The trust will file a California fiduciary tax return. If the trustee or noncontingent beneficiary becomes a nonresident at any time, I will promptly notify the withholding agent.

☐ **Estates — Certification of Residency of Deceased Person:**
I am the executor of the above-named person's estate or trust. The decedent was a California resident at the time of death. The estate will file a California fiduciary tax return.

☐ **Nonmilitary Spouse of a Military Servicemember:**
I am a nonmilitary spouse of a military servicemember and I meet the Military Spouse Residency Relief Act (MSRRA) requirements. See instructions for General Information E, MSRRA.

CERTIFICATE OF PAYEE: Payee must complete and sign below.

To learn about your privacy rights, how we may use your information, and the consequences for not providing the requested information, go to **ftb.ca.gov/forms** and search for **1131**. To request this notice by mail, call 800.852.5711.

Under penalties of perjury, I declare that I have examined the information on this form, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. I further declare under penalties of perjury that if the facts upon which this form are based change, I will promptly notify the withholding agent.

Type or print payee's name and title ______________________ Telephone ______________

Payee's signature ▶ ______________________ Date ______________

2021 Instructions for Form 590

Withholding Exemption Certificate

References in these instructions are to the California Revenue and Taxation Code (R&TC).

General Information

California Revenue and Taxation Code (R&TC) Section 18662 requires withholding of income or franchise tax on payments of California source income made to nonresidents of California. For more information, See General Information B, Income Subject to Withholding.

Registered Domestic Partners (RDPs) – For purposes of California income tax, references to a spouse, husband, or wife also refer to a California RDP unless otherwise specified. For more information on RDPs, get FTB Pub. 737, Tax Information for Registered Domestic Partners.

A Purpose

Use Form 590, Withholding Exemption Certificate, to certify an exemption from nonresident withholding.

Form 590 does not apply to payments of backup withholding. For more information, go to **ftb.ca.gov** and search for **backup withholding**.

Form 590 does not apply to payments for wages to employees. Wage withholding is administered by the California Employment Development Department (EDD). For more information, go to **edd.ca.gov** or call **888**.745.3886.

Do not use Form 590 to certify an exemption from withholding if you are a **seller of California real estate**. Sellers of California real estate use Form 593, Real Estate Withholding Statement, to claim an exemption from the real estate withholding requirement.

The following are excluded from withholding and completing this form:

- The United States and any of its agencies or instrumentalities.
- A state, a possession of the United States, the District of Columbia, or any of its political subdivisions or instrumentalities.
- A foreign government or any of its political subdivisions, agencies, or instrumentalities.

B Income Subject to Withholding

Withholding is required on the following, but is not limited to:

- Payments to nonresidents for services rendered in California.
- Distributions of California source income made to domestic nonresident partners, members, and S corporation shareholders and allocations of California source income made to foreign partners and members.
- Payments to nonresidents for rents if the payments are made in the course of the withholding agent's business.
- Payments to nonresidents for royalties from activities sourced to California.
- Distributions of California source income to nonresident beneficiaries from an estate or trust.
- Endorsement payments received for services performed in California.
- Prizes and winnings received by nonresidents for contests in California.

However, withholding is optional if the total payments of California source income are $1,500 or less during the calendar year.

For more information on withholding, get FTB Pub. 1017, Resident and Nonresident Withholding Guidelines. To get a withholding publication, see Additional Information.

C Who Certifies this Form

Form 590 is certified (completed and signed) by the payee. California residents or entities exempt from the withholding requirement should complete Form 590 and submit it to the withholding agent before payment is made. The withholding agent is then relieved of the withholding requirements if the agent relies in good faith on a completed and signed Form 590 unless notified by the Franchise Tax Board (FTB) that the form should not be relied upon.

An incomplete certificate is invalid and the withholding agent should not accept it. If the withholding agent receives an incomplete certificate, the withholding agent is required to withhold tax on payments made to the payee until a valid certificate is received. In lieu of a completed exemption certificate, the withholding agent may accept a letter from the payee as a substitute explaining why they are not subject to withholding. The letter must contain all the information required on the certificate in similar language, including the under penalty of perjury statement and the payee's taxpayer identification number (TIN).

The certification does not need to be renewed annually. The certification on Form 590 remains valid until the payee's status changes. The withholding agent must retain a copy of the certification or substitute for at least five years after the last payment to which the certification applies. The agent must provide it to the FTB upon request.

If an entertainer (or the entertainer's business entity) is paid for a performance, the entertainer's information must be provided. **Do not** submit the entertainer's agent or promoter information.

The grantor of a grantor trust shall be treated as the payee for withholding purposes. Therefore, if the payee is a grantor trust and one or more of the grantors is a nonresident, withholding is required. If all of the grantors on the trust are residents, no withholding is required. Resident grantors can check the box on Form 590 labeled "Individuals — Certification of Residency."

D Definitions

For California nonwage withholding purposes:

- Nonresident includes all of the following:
  - Individuals who are not residents of California.
  - Corporations not qualified through the California Secretary of State (CA SOS) to do business in California or having no permanent place of business in California.
  - Partnerships or limited liability companies (LLCs) with no permanent place of business in California.
  - Any trust without a resident grantor, beneficiary, or trustee, or estates where the decedent was not a California resident.
- Foreign refers to non-U.S.

For more information about determining resident status, get FTB Pub. 1031, Guidelines for Determining Resident Status. Military servicemembers have special rules for residency. For more information see General Information E, Military Spouse Residency Relief Act (MSRRA), and FTB Pub. 1032, Tax Information for Military Personnel.

Permanent Place of Business:
A corporation has a permanent place of business in California if it is organized and existing under the laws of California or it has qualified through the CA SOS to transact intrastate business. A corporation that has not qualified to transact intrastate business (e.g., a corporation engaged exclusively in interstate commerce) will be considered as having a permanent place of business in California only if it maintains a permanent office in California that is permanently staffed by its employees.

E Military Spouse Residency Relief Act (MSRRA)

Generally, for tax purposes you are considered to maintain your existing residence or domicile. If a military servicemember and nonmilitary spouse have the same state of domicile, the MSRRA provides:

- A spouse shall not be deemed to have lost a residence or domicile in any state solely by reason of being absent to be with the servicemember serving in compliance with military orders.
- A spouse shall not be deemed to have acquired a residence or domicile in any other state solely by reason of being there to be with the servicemember serving in compliance with military orders.

Domicile is defined as the one place:

- Where you maintain a true, fixed, and permanent home.
- To which you intend to return whenever you are absent.

A military servicemember's nonmilitary spouse is considered a nonresident for tax purposes if the servicemember and spouse have the same domicile outside of California and the spouse is in California solely to be with the servicemember who is serving in compliance with Permanent Change of Station orders.

California may require nonmilitary spouses of military servicemembers to provide proof that they meet the criteria for California personal income tax exemption as set forth in the MSRRA.

Income of a military servicemember's nonmilitary spouse for services performed in California is not California source income subject to state tax if the spouse is in California to be with the servicemember serving in compliance with military orders, and the servicemember and spouse have the same domicile in a state other than California.

For additional information or assistance in determining whether the applicant meets the MSRRA requirements, get FTB Pub. 1032.

Specific Instructions

Payee Instructions

Enter the withholding agent's name.

Enter the payee's information, including the TIN and check the appropriate TIN box.

You must provide a valid TIN as requested on this form. The following are acceptable TINs: social security number (SSN); individual taxpayer identification number (ITIN); federal employer identification number (FEIN); California corporation number (CA Corp no.); or CA SOS file number.

Private Mail Box (PMB) – Include the PMB in the address field. Write "PMB" first, then the box number. Example: 111 Main Street PMB 123.

Foreign Address – Follow the country's practice for entering the city, county, province, state, country, and postal code, as applicable, in the appropriate boxes. Do not abbreviate the country name.

Exemption Reason – Check the box that reflects the reason why the payee is exempt from the California income tax withholding requirement.

Withholding Agent Instructions

Do not send this form to the FTB. The certification on Form 590 remains valid until the payee's status changes. The withholding agent must retain a copy of the certificate or substitute for at least five years after the last payment to which the certificate applies. The agent must provide it to the FTB upon request.

The payee must notify the withholding agent if any of the following situations occur:

- The individual payee becomes a nonresident.
- The corporation ceases to have a permanent place of business in California or ceases to be qualified to do business in California.
- The partnership ceases to have a permanent place of business in California.
- The LLC ceases to have a permanent place of business in California.
- The tax-exempt entity loses its tax-exempt status.

If any of these situations occur, then withholding may be required. For more information, get Form 592, Resident and Nonresident Withholding Statement, Form 592-B, Resident and Nonresident Withholding Tax Statement, Form 592-PTE, Pass-Through Entity Annual Withholding Return, Form 592-Q, Payment Voucher for Pass-Through Entity Withholding, and Form 592-V, Payment Voucher for Resident or Nonresident Withholding.

Additional Information

Website:	For more information, go to **ftb.ca.gov** and search for **nonwage**.
	MyFTB offers secure online tax account information and services. For more information, go to **ftb.ca.gov** and login or register for **MyFTB**.
Telephone:	888.792.4900 or 916.845.4900, Withholding Services and Compliance phone service
Fax:	916.845.9512
Mail:	WITHHOLDING SERVICES AND COMPLIANCE MS F182 FRANCHISE TAX BOARD PO BOX 942867 SACRAMENTO CA 94267-0651

For questions unrelated to withholding, or to download, view, and print California tax forms and publications, or to access the TTY/TDD numbers, see the Internet and Telephone Assistance section.

Internet and Telephone Assistance

Website:	**ftb.ca.gov**
Telephone:	800.852.5711 from within the United States
	916.845.6500 from outside the United States
TTY/TDD:	800.822.6268 for persons with hearing or speech disability
	711 or 800.735.2929 California relay service

Asistencia Por Internet y Teléfono

Sitio web:	**ftb.ca.gov**
Teléfono:	800.852.5711 dentro de los Estados Unidos
	916.845.6500 fuera de los Estados Unidos
TTY/TDD:	800.822.6268 para personas con discapacidades auditivas o del habla
	711 ó 800.735.2929 servicio de relevo de California

Certification Regarding
Debarment, Suspension, and Other Responsibility Matters

The prospective participant certifies to the best of its knowledge and belief that it and the principals:

(a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;

(b) Have not within a three year period preceding this proposal been convicted of or had a civil judgement rendered against them or commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction: violation of Federal or State antitrust statute or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property:

(c) Are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (b) of this certification; and

(d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State, or local) terminated for cause or default.

I understand that a false statement on this certification may be grounds for rejection of this proposal or termination of the award. In addition, under 18 USC Sec. 1001, a false statement may result in a fine of up to $10,000 or imprisonment for up to 5 years, or both.

____

Typed Name & Title of Authorized Representative

____

Signature of Authorized Representative Date

❑ I am unable to certify to the above statements. My explanation is attached.

South Coast AQMD

CAMPAIGN CONTRIBUTIONS DISCLOSURE

In accordance with California law, bidders and contracting parties are required to disclose, at the time the application is filed, information relating to any campaign contributions made to South Coast Air Quality Management District (SCAQMD) Board Members or members/alternates of the Mobile Source Air Pollution Reduction Review Committee (MSRC) or MSRC Technical Advisory Committee (TAC), including: the name of the party making the contribution (which includes any parent, subsidiary or otherwise related business entity, as defined below), the amount of the contribution, and the date the contribution was made. 2 C.C.R. §18438.8(b). Where a proposed or proposed amended rule impacts three or fewer facilities, those facilities will be treated in much the same manner as contracting parties and so must also complete this form, disclosing information relating to any campaign contributions made to any SCAQMD Board Members. *See* Quadri Advice Letter (2002) A-02.096.[1] In the event that a qualifying campaign contribution is made, the Board Member to whom it was made may be disqualified from participating in the actions involving that donor.

California law prohibits a party, or an agent, from making campaign contributions to SCAQMD Governing Board Members or members/alternates of the MSRC or TAC of more than $500 while their contract or permit is pending before the SCAQMD; and further prohibits a campaign contribution from being made for twelve (12) months following the date of the final decision by the Governing Board or the MSRC or TAC on a donor's contract or permit. Gov't Code §84308(d). For purposes of reaching the $500 limit, the campaign contributions of <u>the bidder or contractor *plus* contributions by its parents, affiliates, and related companies</u> of the contractor or bidder are added together. 2 C.C.R. §18438.5.

In addition, SCAQMD Board Members or members/alternates of the MSRC or TAC must abstain from voting on a contract or permit if they have received a campaign contribution from a party or participant[2] to the proceeding, or agent, totaling more than $500 in the 12-month period prior to the consideration of the item by the Governing Board or the MSRC. Gov't Code §84308(c).

The list of current SCAQMD Governing Board Members can be found at the SCAQMD website (www.aqmd.gov). The list of current MSRC and TAC members/alternates can be found at the MSRC website (http://www.cleantransportationfunding.org).

<u>SECTION I</u>.

Contractor (Legal Name): ____

☐ DBA, Name________________________________, County Filed in______________________________________

☐ Corporation, ID No.__________________________

☐ LLC/LLP, ID No. ___________________________

List any parent, subsidiaries, or otherwise affiliated business entities of Contractor:
(See definition below).

____

____

[1] The information provided on this form does not, and is not intended to, constitute legal advice. To the extent that you may have questions regarding any case law, citations, or legal interpretations provided above please seek the guidance of your own independent counsel.

[2] In accordance with California law, a person or entity with a financial interest in a proceeding or particular governmental decision, who is not a party but who actively supports or opposes a particular decision, qualifies as a "participant" in that proceeding for purposes of California Code of Regulations Section 84308. A participant has both a financial interest in the proceeding and communicates with the agency or an officer of the agency for purposes of influencing the proceeding.

SECTION II.

Has Contractor or Participant and/or any parent, subsidiary, or affiliated company, or agent thereof, or persons who direct or control campaign contributions for these entities, made a campaign contribution(s) totaling $500 or more in the aggregate to a current member of the South Coast Air Quality Management Governing Board or member/alternate of the MSRC or TAC in the 12 months preceding the date of execution of this disclosure?

☐ Yes ☐ No

If YES, complete Section II below and then sign and date the form.
If NO, sign and date below. Include this form with your submittal.

Name(s) of Contributor(s) or Person(s) who Directed or Controlled this Contribution:

Governing Board Member or MSRC or MSRC-TAC Member/Alternate | Amount of Contribution | Date of Contribution

Name(s) of Contributor(s) or Person(s) who Directed or Controlled this Contribution:

Governing Board Member or MSRC or MSRC-TAC Member/Alternate | Amount of Contribution | Date of Contribution

Name(s) of Contributor(s) or Person(s) who Directed or Controlled this Contribution:

Governing Board Member or MSRC or MSRC-TAC Member/Alternate | Amount of Contribution | Date of Contribution

Name(s) of Contributor(s) or Person(s) who Directed or Controlled this Contribution:

Governing Board Member or MSRC or MSRC-TAC Member/Alternate | Amount of Contribution | Date of Contribution

I declare the foregoing disclosures to be true and correct.

By: ____________________________________

Title: ____________________________________

Date: ____________________________________

DEFINITIONS

Parent, Subsidiary, or Otherwise Related Business Entity (2 Cal. Code of Regs., §18703.1(d).)

(1) Parent subsidiary. A parent subsidiary relationship exists when one corporation directly or indirectly owns shares possessing more than 50 percent of the voting power of another corporation.

(2) Otherwise related business entity. Business entities, including corporations, partnerships, joint ventures and any other organizations and enterprises operated for profit, which do not have a parent subsidiary relationship are otherwise related if any one of the following three tests is met:

(A) One business entity has a controlling ownership interest in the other business entity.

(B) There is shared management and control between the entities. In determining whether there is shared management and control, consideration should be given to the following factors:

(i) The same person or substantially the same person owns and manages the two entities;
(ii) There are common or commingled funds or assets;
(iii) The business entities share the use of the same offices or employees, or otherwise share activities, resources or personnel on a regular basis;
(iv) There is otherwise a regular and close working relationship between the entities; or

(C) A controlling owner (50% or greater interest as a shareholder or as a general partner) in one entity also is a controlling owner in the other entity.

SOUTH COAST AIR QUALITY MANAGEMENT

DISTRICT REQUEST FOR PROPOSALS

FOR AB 617 EMERGENCY RESIDENTIAL AIR FILTRATION PROGRAM

One (1) Standalone HEPA Purifier and a One (1) Year Supply of Replacement Filters

P2027-06 - ATTACHMENT C: Product Specifications and Pricing

Please complete *Section A* of Attachment C, with details of the proposed products for each package. A package must include a minimum of one (1) standalone HEPA purifier and a one (1) year of replacement filter(s). Bidders are encouraged to submit multiple unit sizes to accommodate different living spaces.

SECTION A: PRODUCT FEATURES AND SPECIFICATIONS		
Bidder Details		
Company Name		
Preparer Name and Title		
Company Address and Phone		
Unit Information		
Manufacturer		
Brand Name		
Model Number		
Unit Certifications		
CARB Certification Executive Order Number		
ENERGY STAR Unique ID Number		
AHAM-Verified CADR Value for:		
Tobacco Smoke		
Dust		
Pollen		
Recommended room size or area filtered (sq.ft.)		
Filters Included with Unit:		
Filter description (e.g., all 3 filter types combined into 1 filter)		
Certified HEPA filter (REQUIRED)		Model #:
Carbon filter (if applicable)		Model #:
Pre-filter (if applicable)		Model #:
Recommended Frequency of Filter Changeout with Normal/Daily Use:		
HEPA filter		
Carbon filter (if applicable)		
Pre-filter (if applicable)		

Product Specifications	
Operating Noise on high (dB)	
Carry Handle/Wheels/Casters?	☐ Yes ☐ No
Filter Changeout Indicator?	☐ Yes ☐ No
Dimensions (in.) of unit	
Dimensions (in.) of box	
Weight of unit (lbs.)	
Other (e.g., UV-C)	
Cost Information	
Retail Price ($) of:	
Standalone HEPA Purifier unit	
HEPA replacement filter	
Carbon replacement filter (if applicable)	
Pre-filter replacement (if applicable)	

SECTION B: PACKAGE PRICING – A package consists of one (1) standalone HEPA purifier with a one (1) year supply of replacement filters	
Unit Model:	
Replacement Filter Model:	
# of Replacement filters required for one (1) year supply:	

Quantity Price Breaks	**Cost ($)**	**Shipping and Delivery Fees** (if not free)*	**Other Fees** (if any)**	**Description for Other Fees****
SAMPLE: 1-500	*$550 ea*	*$50 flat rate*	*$0*	

Notes:
*Orders may be delivered to Los Angeles, Orange, San Bernardino and Riverside Counties.
**Any additional fees (excluding sales tax) and a description (i.e., stocking, processing, or handling fees). Sales tax will be added and calculated based on current tax rate of the ship-to location.

SECTION C: PRODUCT AVAILABILITY***			
Item Description	**QTY Available**	**Location(s) of Item**	**Notes**

Notes:
***Indicate the quantity of standalone HEPA purifier units and replacement filter(s) in stock.

AB 617 Emergency Residential Air Filtration Program

Eligibility for the AB 617 Emergency Residential Air Filtration Program
for SB 535 residents within
South Coast Air Quality Management District

Program Announcement & Application
PA2027-03

South Coast
AQMD

PROGRAM INTRODUCTION

The South Coast Air Basin continues to experience some of the most challenging air quality conditions in the nation. While significant progress has been made in reducing emissions over the past several decades, residents remain vulnerable to elevated levels of particulate matter (PM10), fine particulate matter (PM2.5), ozone, and other harmful pollutants resulting from both routine and emergency events. Emergency air pollution events determined by the South Coast AQMD Executive Officer may include those declared by the Governor pursuant to Government Code Section 8558(b), county or city leaders pursuant to Government Code Section 8558(c)(1), or other spontaneous air pollution events that directly impact the health and safety of residents in one or more SB 535 communities.

In October 2026, the South Coast AQMD Board authorized the release of this program announcement to establish a rapid-response framework for deploying standalone High Efficiency Particulate Air (HEPA) purifiers and replacement filters to residents of SB 535 Communities under emergency air pollution events determined by the South Coast AQMD Executive Officer. The goal of the program is to temporarily reduce residents' exposure to particulate matter and other harmful air pollutants resulting from emergency air pollution events.

PROGRAM ELIGIBILITY GUIDELINES AND CRITERIA

Eligible Applicants – Must reside within an SB 535 Community and within an impacted area of a qualifying emergency air pollution event within South Coast AQMD. South Coast AQMD will determine the geographic area eligible for program assistance following the declaration of an emergency air pollution event from the South Coast AQMD Executive Officer and activation of the AB 617 Emergency Residential Air Filtration Program. South Coast AQMD staff will determine impacted areas based on the location and extent of the emergency, air quality monitoring data, forecasts or modeling, meteorological conditions, public health advisories or other relevant information. The geographical boundaries of an impacted area may be expanded, reduced, or otherwise modified as emergency conditions and local air quality conditions change.

HEPA Purifiers and Replacement Filters – Eligible residents may receive one (1) standalone HEPA purifier unit and a one (1) year supply of replacement filters per residence at no cost. South Coast AQMD may provide more than one (1) standalone HEPA purifier unit to eligible residents based on funding availability, inventories, and emergency response factors or conditions following each emergency air pollution event declared by the Executive Officer that warrants air filters. South Coast AQMD staff will coordinate with vendor(s) selected through a Request for Proposal process to distribute the HEPA purifier units and replacement filters at one or more in-person events. These in-person events will be held at a publicly accessible site and announced publicly.

All HEPA purifier units will be CARB and Energy Star certified and have a clean air delivery rate (CADR) for tobacco smoke (0.09-1.0 μM) or CADR equivalent manufacturer's rating. Also, the HEPA purifier units will include a one (1) year supply of HEPA replacement filters rated to remove 99.97% of particles measuring 0.3 micrometers or greater.

Funding Availability – Funds for the AB 617 Emergency Residential Air Filtration Program are intended to support eligible residents across qualifying emergency air pollution events and will be allocated based on program eligibility, emergency conditions, and available funding.

Funding Limits – Funding is limited to the bulk purchase pricing for a package containing one (1) standalone HEPA purifier and a one (1) year supply of associated replacement filters per unit, sales tax, and deployment (delivery and distribution) costs. The bulk purchase pricing will be determined through a vendor selection process under a RFP approved by the South Coast AQMD Board. Applicants and program participants are responsible for ongoing operation and maintenance costs, replacement filter storage costs, additional replacement filters and any reporting during a one (1) year project life.

Ineligible costs are all costs outside the purchase price plus sales tax of the HEPA purifier unit and a one (1) year supply of replacement filters. Ineligible costs include but are not limited to:

- Electricity or other utility costs associated with unit operation;
- Replacement filters beyond the number or period specified by the program;
- Repairs and replacement expenses, or replacement equipment resulting from damage, misuse or normal wear and tear;
- Extended warranties or service plans;

- Accessories or supplemental equipment;
- Insurance costs;
- Storage costs.

Manufacturer warranties will be provided directly from the HEPA purifier unit manufacturer, and program participants needing replacement units or repairs under warranty must contact the manufacturer directly.

South Coast AQMD may modify the funding limit for each applicant based on the number of applications to this program announcement. South Coast AQMD retains the discretion to make full, partial or no awards. If the program is undersubscribed, the South Coast AQMD may choose to re-open this Program Announcement. South Coast AQMD will retain a wait list if selected projects drop out of the program.

Program Schedule – Implementation schedule for the Emergency Residential Air Filtration Program Announcement PA2027-03 is shown in Table 1 below.

Table 1: Schedule: During Emergency Events

Step 1: **Program Activation**	• Emergency air pollution event is determined by the Executive Officer
Step 2: **Public Announcement**	• South Coast AQMD staff shall publicly announce designated publicly accessible sites for the delivery and distribution of HEPA purifiers and replacement filters

APPLICATION REQUIREMENTS

Residents must meet program eligibility requirements; however, South Coast AQMD may establish expedited application and/or intake of information procedures appropriate to the emergency conditions and necessary to verify eligibility. Information to be gathered includes:

- Applicant's contact information (e.g., name, address, email, etc.)
- Applicant's home address (i.e., place of residence)
- Proof the applicant resides at the stated home address; examples include:
  - A valid government issued identification card,
  - Utility bill dated no more than 90 days from the application date and/or intake of information, or
  - A property tax statement or lease agreement dated no more than 360 days from the application date and/or intake of information
- Applicant agreement to program terms and conditions

Applicants can only participate in one residential air filtration program. Applicants that receive an air filtration unit through another program (e.g., a program administered by a local city or utility service provider or another South Coast AQMD residential air filtration program), are ineligible to participate in the AB 617 Emergency Residential Air Filtration Program in this program announcement. Applicants can only apply once to this program and only one incentive can be provided per residential address.

APPLICATION SUBMITTAL INSTRUCTIONS

Applications will be accepted in-person on a first-come first-served basis at designated publicly accessible sites in response to emergency air pollution events and program activation.

ADDITIONAL INFORMATION & ASSISTANCE

This Program Announcement can be accessed at the South Coast AQMD website at http://www.aqmd.gov/nav/grants-bids. South Coast AQMD staff members are available to answer questions during the Program Announcement acceptance period.

For General, Administrative, or Technical Assistance, please contact:

Frances Maes
Air Quality Specialist
Technology Advancement
Office Phone: 909-396-2473
fmaes@aqmd.gov

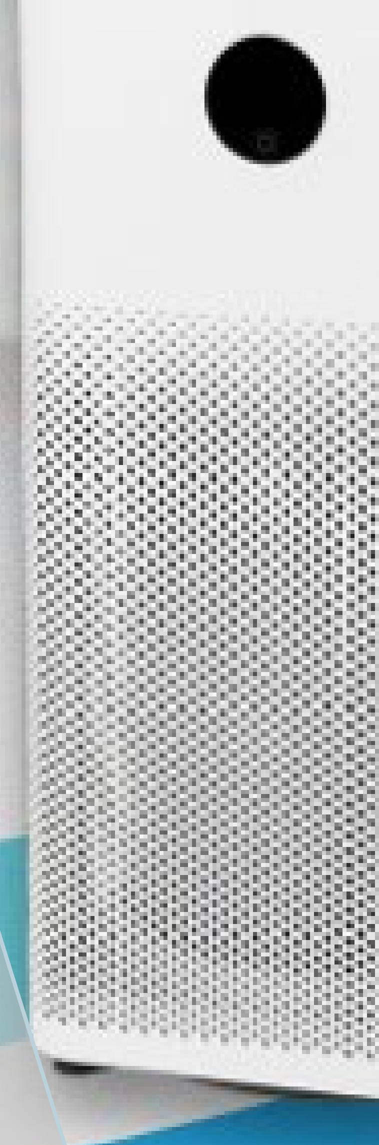
Kelly Trainor Gamino
Program Supervisor
Technology Advancement
Office Phone: 909-396-2382
kgamino@aqmd.gov

Back to Agenda

Agenda Item# 3

Issue RFP, Program Announcement and Execute Contracts for AB 617 Emergency Residential Air Filtration Program in SB 535 Communities

Daniel Garcia



Background

- Due to recent air quality events, demand for residential air filters from nearby overburdened communities has increased (e.g., SB 535 communities)
- The existing AB 617 Residential Air Filtration Program is limited to two AB 617 communities and is not equipped to handle emergency events

Proposal

- Establish the AB 617 Emergency Residential Air Filtration Program to provide the South Coast AQMD the ability to:
  - Quickly provide HEPA purifiers and replacement filters to impacted SB 535 communities during emergency air pollution events, where warranted
  - Issue an RFP to establish a list of eligible vendors to supply, deliver and distribute the HEPA purifiers and replacement filters on demand

Summary of Recommended Actions

- Issue RFP #P2027-06 and authorize the Executive Officer to execute subsequent contracts in an amount up to $15,000,000
- Issue Program Announcement #PA2027-03

BOARD MEETING DATE: October 2, 2026 AGENDA NO.

PROPOSAL: Execute Agreements to Implement AB 617 Clean Community School Initiative Program and Transfer Funds for Development of AB 617 Grant Management System

SYNOPSIS: In February 2026, the AB 617 Clean Community School Initiative Program Announcement was released to solicit zero-emission school bus and charging infrastructure projects from privately-owned combustion school buses serving public schools in underserved communities and within AB 617-designated communities in the South Coast AQMD region. Eligible applications were evaluated and staff have identified $16,370,293 in zero-emission school bus and charging infrastructure projects. In February 2026, the Board also approved funds for the development of the AB 617 Grant Management System (GMS), but funding must be re-appropriated. These actions are to: 1) execute agreements for zero-emission school bus and infrastructure projects for a total amount not to exceed $16,370,293; and 2) transfer and appropriate up to $67,000 for the development of the AB 617 GMS from the administrative portion of the Community Air Protection Program (Grant #G22-MCAP-23) into Information Management's FY 2026-27 and/or 2027-28 Budget, Services and Supplies and/or Capital Outlays Major Objects.

COMMITTEE: Technology, September 18, 2026; Recommended for Approval

RECOMMENDED ACTIONS:

1. Authorize the Executive Officer to execute agreements for the AB 617 Clean Community School Initiative Program as listed in Table 1, to replace diesel and other combustion school buses with zero-emission buses and charging infrastructure totaling an amount not to exceed $16,370,293 from the Community Air Protection AB 134 Fund (77); and

2. Transfer and appropriate up to $67,000 for work completed on the AB 617 Grant Management System from the administrative portion of the Community Air Protection Program (Grant #G22-MCAP-23) Fund (77) into Information Management's FY 2026-27 and/or 2027-28 Budget, Services and Supplies and/or Capital Outlays Major Objects.

Wayne Nastri
Executive Officer

AHJ:WS:RD

Background
In February 2026, the Board issued a Program Announcement (PA) #PA2026-06 for the AB 617 Clean Community School Initiative, which will provide financial incentives to privately-owned school bus fleets to replace in-use heavy-duty school buses with zero-emission school buses and to install charging infrastructure that will achieve emission reductions that are real, surplus, quantifiable and enforceable. The AB 617 Clean Community School Initiative will provide emission reductions of Nitrogen Oxides (NOx), Particulate Matter (PM), and Reactive Organic Gases (ROG) in Consistently Nominated Communities (CNCs) and Disadvantaged Communities (DACs), as defined by SB 535 as communities based on geographic, socioeconomic, public health and environmental hazard criteria.

Under #PA2026-06, a total of 15 applications were received by privately-owned school bus fleets for the replacement of 115 school buses and five charging infrastructure projects for a total requested amount of approximately $46 million. Of the applications received, two were received late and therefore not eligible for program consideration.

Also, in February 2026, the Board appropriated up to $67,000 from the administrative portion of the Community Air Protection Program Fund (77) into Information Management's FY 2025-26 and/or 2026-27 Budget, Services and Supplies and/or Capital Outlays Major Objects for the development of the AB 617 Grant Management System (GMS), to align future AB 617 incentive projects to existing GMS interface, dashboard and approval processes already developed for the Carl Moyer, Proposition 1B-Goods Movement and Lower-Emission School Bus Programs. These funds need to be appropriated again as a result of the transfer not yet occurring.

Proposal
Staff evaluated the applications received under #PA2026-06 for eligibility by adhering to the Community Air Protection Program Incentive guidelines. In addition to the eligibility requirements specified by the PA, staff also adhered to the Carl Moyer Program guidelines for On-Road Heavy-Duty Vehicles (Chapter 4) and Infrastructure

(Chapter 10) to determine emission reductions, cost-effectiveness and recommended award amounts.

The proposed awards will fund 79 zero-emission school buses and four charging infrastructure projects serving AB 617-designated communities, Consistently Nominated Communities and Disadvantaged Communities in the South Coast AQMD jurisdiction. Private fleets will have to pay for any discretionary options they choose to include on the school bus. The older school buses are required to be permanently destroyed by licensed dismantlers.

Also, this proposal is to transfer and appropriate up to $67,000 from the administrative portion of the Community Air Protection Program (Grant #G22-MCAP-23) Fund (77) into Information Management's FY 2026-27 and/or 2027-28 Budget, Services and Supplies and/or Capital Outlays Major Objects for the development of the AB 617 GMS.

Outreach
In accordance with South Coast AQMD's Procurement Policy and Procedure, a public notice advertising the PA and inviting bids was published in the Los Angeles Times, the Orange County Register, the San Bernardino Sun, and Riverside County's Press Enterprise newspapers to leverage the most cost-effective method of outreach to the South Coast Basin.

Additionally, potential bidders were notified utilizing South Coast AQMD's own electronic listing of certified vendors. Notice of the PA was emailed to the Legislative Caucuses and various chambers of commerce and business associations, and placed on the Internet at South Coast AQMD's website (http://www.aqmd.gov) where it can be viewed by making menu selection "Grants & Bids."

Also, in late 2025 and early 2026, staff presented the AB 617 Clean Community School Initiative to each of the six AB 617-designated communities and received strong support from community members and stakeholders. Furthermore, in February 2026, South Coast AQMD received a support letter signed jointly from various community-based organizations supporting the AB 617 Clean Community School Initiative Program and highlighted the need for zero-emission technologies in underserved communities.

Other efforts to promote the AB 617 Clean Community School Initiative Program include, but are not limited to: 1) mass email announcements to all CSCs and interested parties' lists; 2) press release in February 2026; 3) outreach to major school bus dealerships in the South Coast AQMD jurisdiction; 4) outreach via listening sessions in each of the four counties; and, 5) increasing social media presence through online announcements via South Coast AQMD's social media accounts.

Benefits to South Coast AQMD

The successful implementation of the projects selected for funding through the AB 617 Clean Community School Initiative will reduce emissions of NOx, PM and ROG from AB 617-designated communities, Consistently Nominated Communities and Disadvantaged Communities, as defined by SB 535 as communities based on geographic, socioeconomic, public health and environmental hazard criteria. Successful implementation of the recommended awards will result in estimated annual emission reductions of 2.1 tons of NOx and 0.08 tons of PM.

Also, the projects identified in this Board letter will result in emission reductions that are surplus to existing regulations and will occur throughout the life of the projects, resulting in long-term emission reduction and public health benefits.

Resource Impacts

Sufficient funding is available in the Community Air Protection AB 134 Fund (77) for the recommended awards that will not exceed $16,370,293.

Also, sufficient funding is available from the administrative portion of the Community Air Protection Program (Grant #G22-MCAP-23) Fund (77) in the amount of $67,000 for the development of the AB 617 GMS.

Attachments

Table 1: AB 617 Clean Community School Initiative Program Recommended Awards

Table 1: AB 617 Clean Community School Initiative Program Recommended Awards					
County	**Applicant**	**Number of Buses**	**Maximum School Bus Award**	**Maximum Infrastructure Award**	**Total Recommended Award**
Los Angeles	Zum Services Inc. *	55	$536,800	$4,703,257	$5,240,057
	Summit School Services	--	--	$2,588,196	$2,588,196
Orange	JFK Transportation Co., Inc.	15	$3,990,062	$1,476,993	$5,467,055
San Bernardino	Visser Bus Services, Inc.	9	$2,122,800	--	$2,122,800
Riverside	First Student, Inc.	--	--	$952,185	$952,185
	Total	**79**	**$6,649,662**	**$9,720,631**	**$16,370,293**

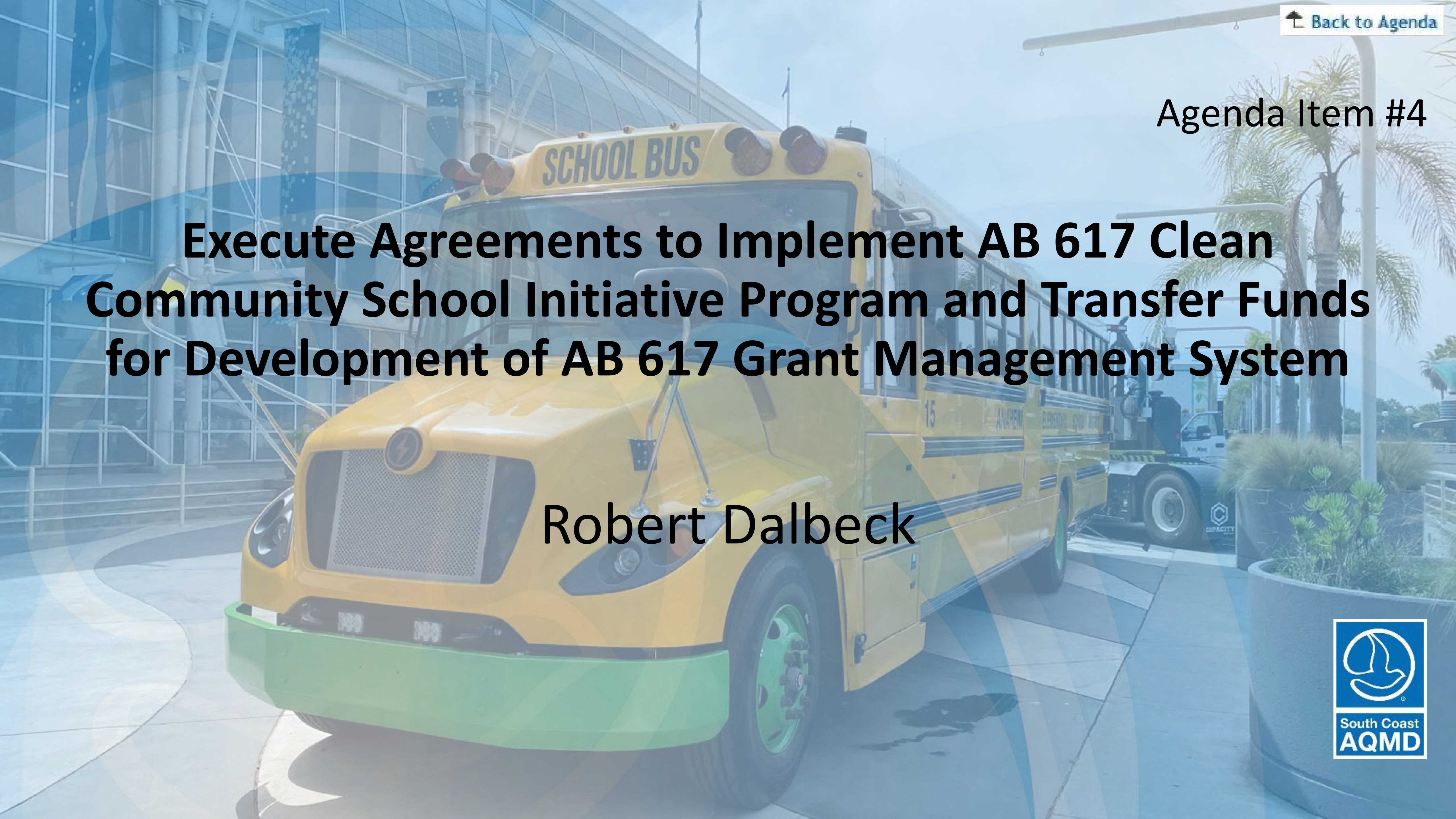
*This project is pending CARB case-by-case approval and/or South Coast AQMD qualification check.

Back to Agenda

Agenda Item #4

Execute Agreements to Implement AB 617 Clean Community School Initiative Program and Transfer Funds for Development of AB 617 Grant Management System

Robert Dalbeck



South Coast AQMD

Background

- In February 2026, the Board issued Program Announcement #PA2026-06 to solicit applications for zero-emission school buses to replace older diesel buses
  - $30 million available for zero-emission school bus replacements and charging infrastructure
  - Privately-owned school bus fleets serving public schools located in Consistently Nominated Communities and Disadvantaged Communities as defined by SB 535
- IM completed development of the AB 617 Grant Management System for the Clean Community School Initiative Program

Background (cont’d)

- Solicitation closed on May 7, 2026 (extended from April 7, 2026)
  - 15 applications received (115 buses and five infrastructure projects)
  - $46 million requested
  - Two applications rejected
- Applications evaluated based on Community Air Protection Program Incentive Guidelines, PA requirements, and Carl Moyer Program Guidelines

Proposed Awards

- Proposed awards:
  - 79 zero-emission school buses
  - Four charging infrastructure projects
- All proposed projects serve overburdened communities

Proposed Awards (cont'd)

Table 1: AB 617 Clean Community School Initiative Program Recommended Awards					
County	**Applicant**	**Number of Buses**	**Maximum School Bus Award**	**Maximum Infrastructure Award**	**Total Recommended Award**
Los Angeles	Zum Services Inc.	55	$536,800	$4,703,257	$5,240,057
	Summit School Services	--	--	$2,588,196	$2,588,196
Orange	JFK Transportation Co., Inc.	15	$3,990,062	$1,476,993	$5,467,055
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Riverside	First Student, Inc.	--	--	$952,185	$952,185
	Total	**79**	**$6,649,662**	**$9,720,631**	**$16,370,293**

Benefits to South Coast AQMD

Program	Estimated Emission Reductions (tons/year)	
	NOx	PM
AB 617 Clean Community School Initiative	2.1	0.08

Summary of Recommended Actions

Execute agreements for zero-emission school bus and infrastructure projects for a total amount not to exceed $16,370,293

Transfer and appropriate up to $67,000 for the development of the AB 617 GMS from the administrative portion of the Community Air Protection Program AB 134 Fund (77)

BOARD MEETING DATE: October 2, 2026 AGENDA NO.

PROPOSAL: Execute Contract to Characterize Brake Wear Emissions

SYNOPSIS: Non-tailpipe emissions from brake wear are an important source of particulate matter that is not well understood. The University of California, Irvine (UCI) proposes a research project to characterize gaseous and particulate brake wear emissions, identify chemical fingerprints for source attribution, and develop emission profiles for use in emissions inventories and air quality modeling. The project will build on prior research and support improvements to EMission FACtor and South Coast AQMD's MATES modeling framework. This action is to execute a contract with UCI in an amount not to exceed $997,063 to conduct the proposed research from the Clean Fuels Program Fund (31).

COMMITTEE: Technology, September 18, 2026; Recommended for Approval

RECOMMENDED ACTION:
Authorize the Executive Officer to execute a contract with the Regents of the University of California, on behalf of the University of California, Irvine, for a two-year research project to characterize brake-wear emissions, develop chemical source fingerprints and emission parameterizations, and evaluate their application to emissions inventories and air quality modeling in an amount not to exceed $997,063 from the Clean Fuels Program Fund (31).

Wayne Nastri
Executive Officer

AK:MW:VP:HL

Background
As tailpipe emissions decline in response to regulatory efforts, non-tailpipe emissions from brake and tire wear are becoming increasingly important sources of particulate matter. Brake wear is estimated to account for approximately half of non-tailpipe particulate emissions, however the gaseous and particulate composition and contribution to ambient air pollution are not well known. A gap exists in the

characterization of organic gases and particles across operating conditions that can be used to extrapolate emissions across vehicle classes and real-world operating conditions.

Building on prior research supported by the California Department of Justice, the U.S. National Science Foundation, and South Coast AQMD, UCI has demonstrated that brake wear produces a broad range of gaseous and particulate emissions, with brake rotor temperature as an important driver. Further research is needed to better characterize these emissions under representative braking conditions, studying different brake pad compositions, identifying chemical source markers, and improving the incorporation of these measurements into emissions inventories and air quality models.

Proposal

UCI proposes a two-year project to characterize brake-wear emissions and develop model-ready emissions profiles for air quality applications. Using a portable brake dynamometer, UCI will measure gaseous and particulate emissions from hydraulic disc brakes representative of light-duty vehicles and Class 4 and 5 medium-duty vehicles (14,001–19,500 lb GVWR), including delivery and step vans. The project will evaluate approximately six to seven brake-pad formulations across three vehicle/brake categories: a well-characterized reference system, light-duty vehicles, and Class 4 and 5 medium-duty vehicles. For each formulation, emissions will be characterized under approximately eight to ten controlled combinations of rotational speed, applied braking torque, and braking duty cycle, with three replicate test sessions per operating condition, resulting in approximately 300 to 500 hours of controlled dynamometer testing. The range reflects initial development of the braking cycle protocol and characterization of operating conditions, which will inform the number of test conditions required for subsequent measurements.

UCI will also analyze brake-pad composition and thermal-degradation emissions to inform estimates and identify data gaps for heavier-duty vehicles that cannot be directly tested with the current dynamometer. Laboratory results will be used to identify unique markers or combinations of compounds that provide chemical fingerprints for brake wear and will be compared with existing roadway field measurements.

Finally, UCI will evaluate how the laboratory-derived brake wear emission factors, chemical profiles and operating condition relationships can better inform emissions data used in EMission FACtor (EMFAC)-based inventories and South Coast AQMD MATES modeling. The analysis will identify potential inventory implications, data gaps and recommendations for future refinement of brake wear emissions estimates.

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. The request for a sole source award with UCI is made under provision B.2.d.(8): Research and development efforts with educational institutions or nonprofit organizations. UCI is an educational institution and a research center with multidisciplinary resources to engage in diverse environmental and transportation research programs including advanced vehicle technologies and systems; emission measurements, analyses and control technologies; atmospheric measurements and modeling; and renewable energy. The proposed project builds on UCI's prior California Department of Justice- and U.S. National Science Foundation-funded brake emissions research to expand testing and develop emissions dataset for inventories and air quality modeling.

Benefits to South Coast AQMD

Projects supporting the characterization of non-exhaust emissions are included in the Technology Advancement Office Clean Fuels Program 2026 Plan Update under "Fuel and Emission Studies." The project will improve South Coast AQMD's understanding and quantification of brake-wear emissions which are becoming a more substantial source of particulate emissions. The resulting emission profiles and chemical fingerprints will support improved source attribution, emissions inventories, and MATES air quality modeling, while identifying areas where additional real-world validation may be needed.

The research will characterize more than 100 gaseous compounds, including air toxics, as well as particle size and chemical composition, including ultrafine particles. This data will help identify chemical fingerprints of brake wear, improve source attribution, and better inform future EMFAC/MATES applications, research priorities and potential emission control strategies to reduce particulate matter.

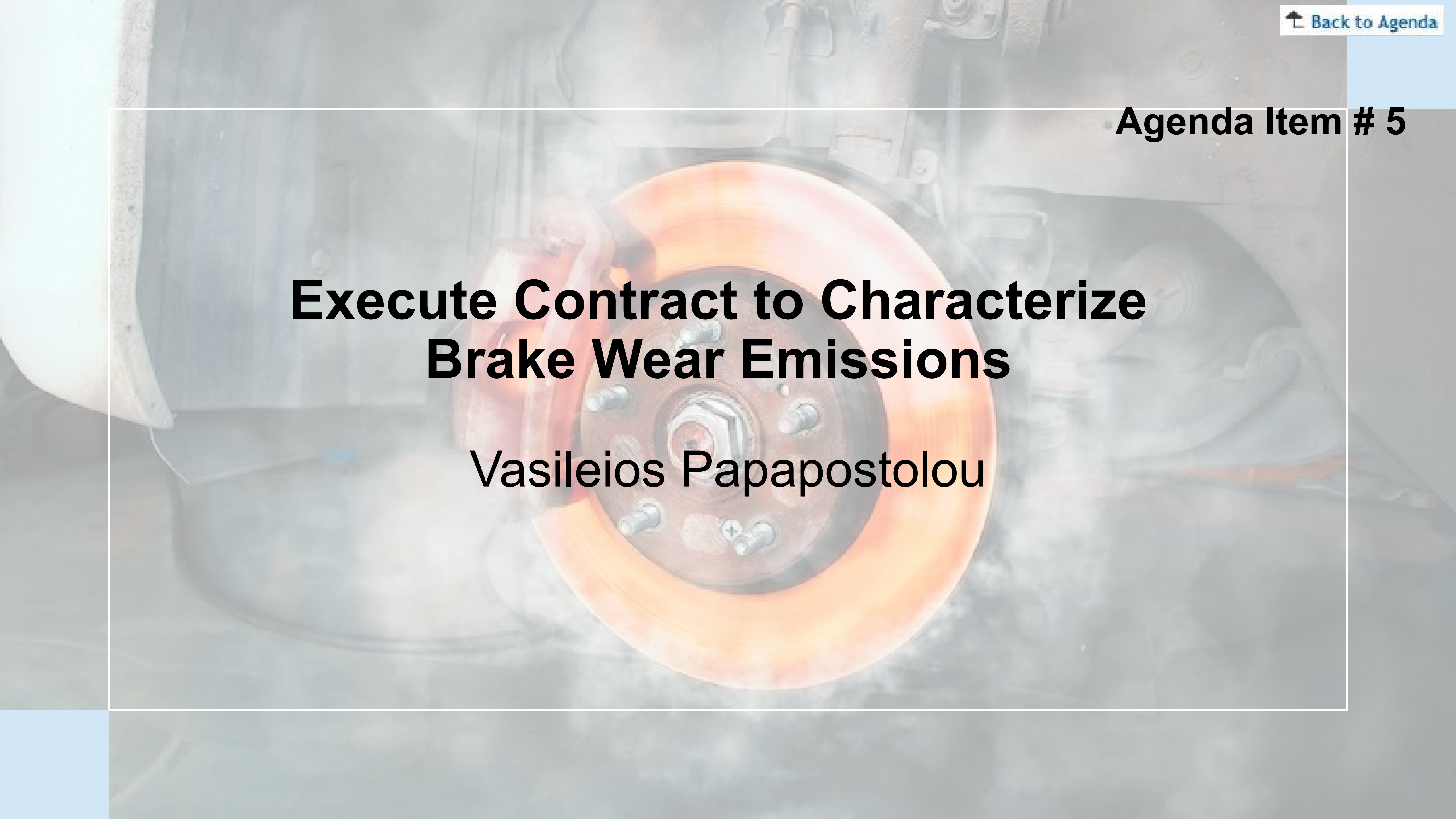
Resource Impacts

South Coast AQMD shall fund the total cost of UCI's research to characterize brake-wear emissions, identify chemical source fingerprints, and develop emission profiles for emissions inventory and air quality modeling applications which shall not exceed a total of $997,063 from the Clean Fuels Program Fund (31).

Sufficient funds are available from the Clean Fuels Program Fund (31), established as a special revenue fund resulting from the state-mandated Clean Fuels Program. The Clean Fuels Program, under Health and Safety Code Sections 40448.5 and 40512 and Vehicle Code Section 9250.11, establishes mechanisms to collect revenues from mobile sources to support projects to increase the utilization of clean fuels, including the development of the necessary advanced enabling technologies. Funds collected from motor vehicles are restricted, by statute, to be used for projects and program activities related to mobile sources that support the objectives of the Clean Fuels Program.

Back to Agenda

Agenda Item # 5

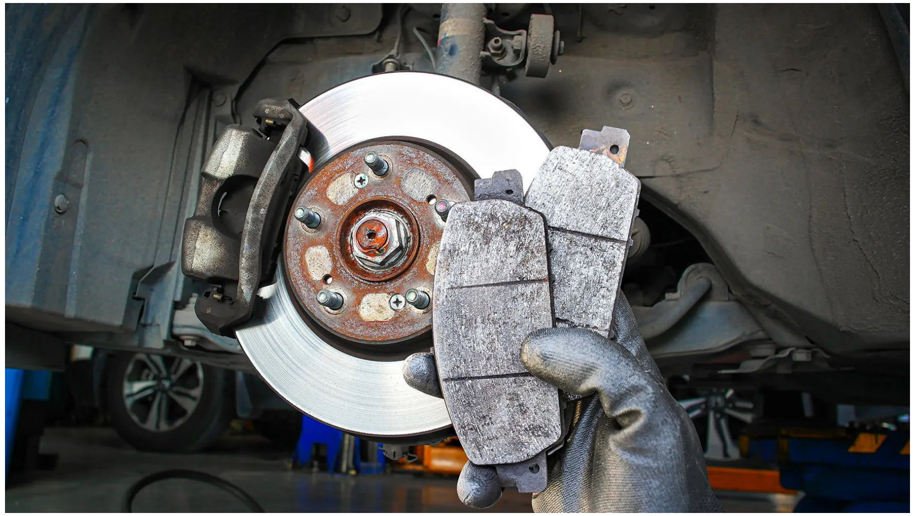


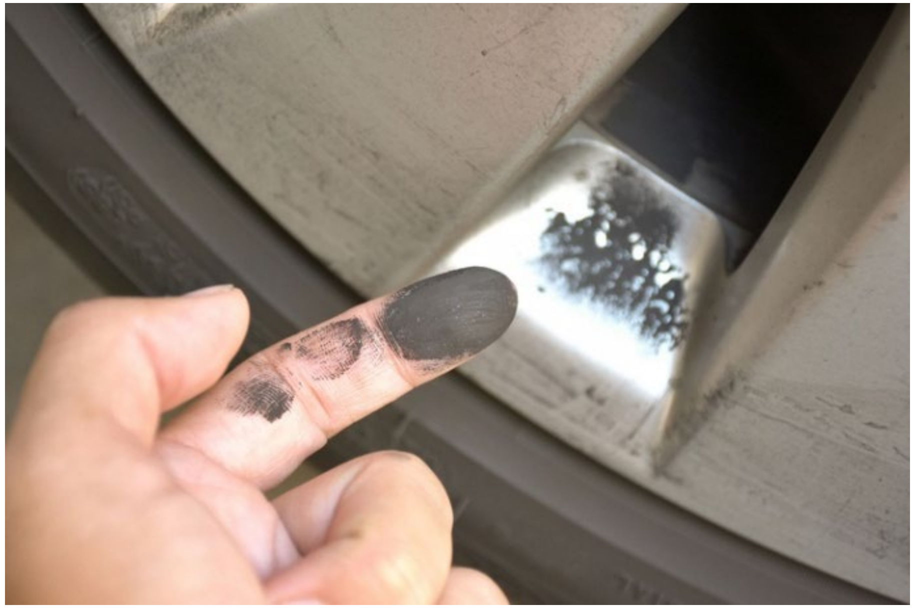
Execute Contract to Characterize Brake Wear Emissions

Vasileios Papapostolou

Background

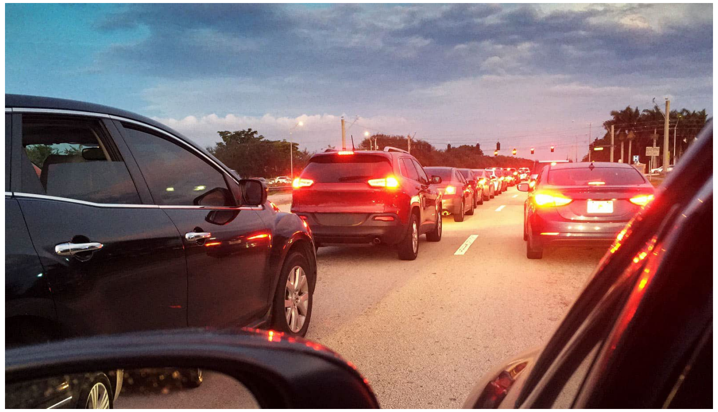
- Brake and tire wear are becoming an increasingly significant source of PM emissions from motor vehicles
- Brake wear is estimated to contribute to half of non-tailpipe PM emissions
- Significant gaps remain in understanding emission composition, source attribution and real-world impacts





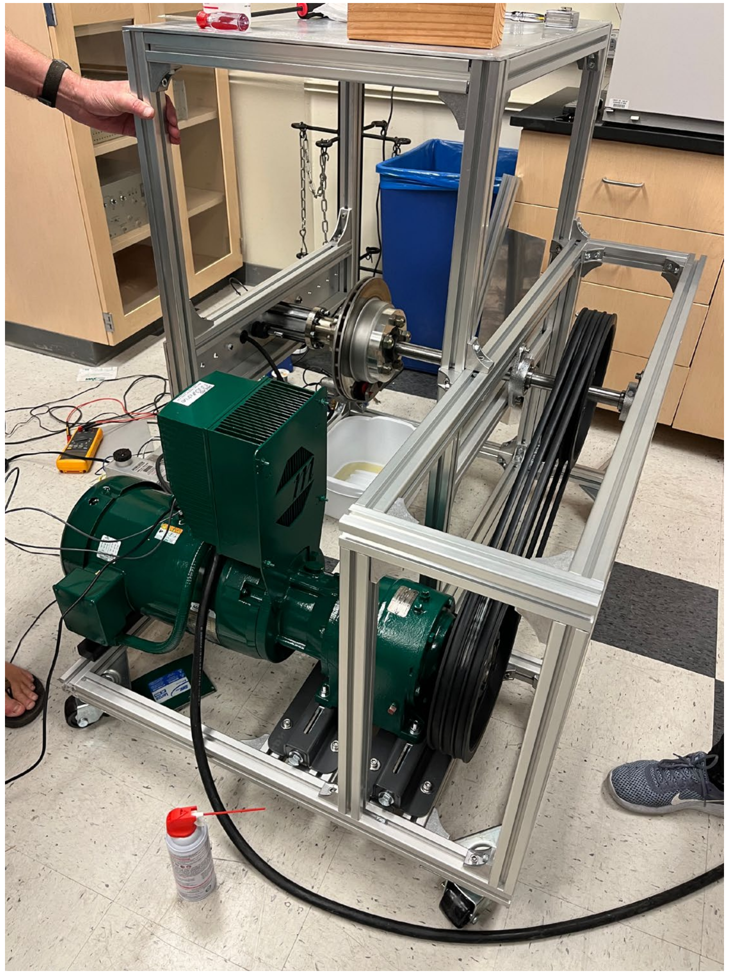
Background (cont'd)

- A prior $2 million National Science Foundation-funded UCI study demonstrated that brake wear emits a broad range of particulate and organic gaseous pollutants
- Trace metals are commonly used to characterize non-tailpipe emissions, while organic brake emission profiles remain poorly characterized
- Key data gaps remain in relating brake emissions to different vehicle classes and operating conditions
- Limited real-world validation constrains the use of laboratory findings in emissions inventories and air quality modeling



Proposal

UC Irvine



- Measure gaseous, particulate and ultrafine brake wear emissions, including air toxics and chemical composition from light-duty and representative Class 4-5 medium-duty vehicles
- Develop emission relationships across braking conditions and assess applicability to heavier-duty vehicles
- Integrate laboratory and ambient data to improve source attribution and inform future EMFAC/MATES applications
- Identify key data gaps and potential future regulatory strategies

Proposal (cont'd)

- UCI has specialized brake emissions testing capabilities and advanced instrumentation for gaseous, particulate, and ultrafine emissions
- UCI has established expertise and a strong publication record in brake wear emissions research
- Built on a prior $2 million National Science Foundation-funded brake wear research experience, the equipment, methods, and datasets, ensure continuity and reduces duplication

Summary of Recommended Action

Authorize the Executive Officer to execute a contract with UCI to characterize brake wear emissions in an amount not to exceed $996,943 from the Clean Fuels Program Fund (31)

Back to Agenda
Go to SLIDES

BOARD MEETING DATE: October 2, 2026 AGENDA NO.

PROPOSAL: Execute Contracts to Support Advanced Clean Transportation Technology Competitions

SYNOPSIS: California State University, Los Angeles (Cal State LA), and the University of California, Riverside (UCR), have been selected to participate in national collegiate competitions focused on advanced transportation technologies. Cal State LA and UCR are the only universities in the Basin that were selected to participate in these national competitions. Cal State LA is one of 20 universities awarded to participate in the EcoCAR Innovation Challenge and will develop a Wildfire Command Vehicle, incorporating advanced vehicle electrification technologies for search and rescue and emergency response applications. UCR is one of 12 universities selected to participate in the SAE International and General Motors CivicProgress Challenge and will develop and demonstrate vehicle accessibility technologies for wheelchair users and individuals with disabilities, with potential application to future zero-emission and automated mobility platforms. Both projects will provide hands-on experience with advanced transportation technologies while building skills relevant to clean transportation deployment. These actions are to execute contracts with Cal State LA and UCR in amounts not to exceed $300,000 and $150,000, respectively, from the Clean Fuels Program Fund (31).

COMMITTEE: Technology, September 18, 2026; Recommended for Approval

RECOMMENDED ACTION:
Authorize the Executive Officer to execute two contracts from the Clean Fuels Program Fund (31), as follows:

a. California State University, Los Angeles to support their participation in the EcoCAR Innovation Challenge in an amount not to exceed $300,000; and
b. University of California, Riverside to support the development and demonstration of wheelchair accessibility technologies in an amount not to exceed $150,000.

Wayne Nastri
Executive Officer

AK:MW:VP:HL

Background
The U.S. Department of Energy's Advanced Vehicle Technology Competitions and the SAE CivicProgress Challenge are multi-year collegiate programs designed to advance next-generation vehicle technologies while helping develop a future clean transportation workforce. For the 2026 competitions, California State University, Los Angeles (Cal State LA) was selected as one of 20 universities nationwide to participate in the EcoCar Innovation Challenge, while the University of California, Riverside (UCR) was selected as one of 12 universities nationwide to participate in the SAE CivicProgress Challenge. Cal State LA and UCR are the only universities within the South Coast Air Basin selected to participate in these respective national competitions.

Cal State LA - EcoCAR Innovation Challenge
South Coast AQMD has a longstanding partnership with Cal State LA to support the development of advanced vehicle technologies and prepare the next generation of clean transportation professionals. Beginning in 2016, South Coast AQMD supported Cal State LA's participation in EcoCAR 3, a U.S. DOE Advanced Vehicle Technology Competition sponsored by General Motors (GM) and managed by Argonne National Laboratory. In the first competition, Cal State LA was the only California University selected to participate and successfully converted a Chevrolet Camaro into a hybrid-electric vehicle to reduce fuel consumption and emissions while maintaining vehicle performance. In recognition of its leadership and public education efforts, Cal State LA received South Coast AQMD's 2018 Clean Air Education and Outreach Award.

South Coast AQMD has continued to support Cal State LA through subsequent Advanced Vehicle Technology Competition initiatives, including the Battery Workforce Challenge during the 2024–2025 academic year. These investments have supported the development of engineers and technical professionals with experience in vehicle electrification and other emerging transportation technologies.

The 2026 EcoCAR Innovation Challenge, managed by Argonne National Laboratory, is the 15th U.S. DOE Advanced Vehicle Technology Competition and brings together GM and Stellantis to develop the next generation of mobility professionals. During the four-year competition, university teams will develop energy-efficient and intelligent mobility solutions using technologies such as artificial intelligence, machine learning, advanced computing, and vehicle electrification. The competition provides students with hands-on experience advancing technologies from concept toward potential commercialization while strengthening collaboration among academia, government, and industry.

UCR CivicProgress Challenge
In 2026, UCR was selected as one of 12 universities nationwide to participate in the SAE International and GM CivicProgress Challenge, a two-year collegiate design competition focused on advancing vehicle accessibility for wheelchair users and individuals with disabilities. As part of SAE International's Collegiate Design Series, the competition challenges university teams to develop and demonstrate accessibility innovations using a GM-provided battery electric Wheelchair Accessible Vehicle platform.

UCR brings established experience in advanced vehicle technology research and collegiate engineering competitions, and multidisciplinary workforce development through programs such as the EcoCAR EV Challenge and Formula SAE, supported by technical expertise from its engineering departments and the College of Engineering-Center for Environmental Research and Technology (CE-CERT). UCR also maintains relationships with campus accessibility resources and regional transportation and disability-serving organizations, providing a foundation for integrating advanced engineering with practical accessibility needs and preparing students for careers in emerging mobility technologies.

Proposal
Cal State LA - EcoCAR Innovation Challenge
Staff is recommending to execute a contract with Cal State LA to support the university's participation in the EcoCar Innovation Challenge. Cal State LA is one of 20 universities nationwide awarded to participate in the four-year 2026 EcoCAR Innovation Challenge. Led by faculty from the Departments of Electrical Engineering, Mechanical Engineering, and Engineering Technology, the Cal State LA team will compete in the Stellantis track using a 2026 Jeep Cherokee hybrid platform. The team will develop the vehicle as a Wildfire Command Vehicle for search and rescue and emergency response applications while providing students with hands-on experience in advanced vehicle technologies. This challenge will also introduce the students to innovation methods and entrepreneurial frameworks as they develop products, processes, and methodologies that directly support their vehicle development.

Students will design, integrate, and demonstrate advanced propulsion and vehicle systems, including high-voltage energy storage, electric drive units, software, control systems, and user-centered technologies. The team will develop and calibrate advanced control algorithms and use modeling and simulation tools to optimize vehicle performance, energy efficiency, battery system design, and off-road capability. Students will also receive technical support and mentoring from challenge sponsors to develop industry-aligned skillsets that prepare a future-ready workforce.

South Coast AQMD funding will support hardware and software, student stipends, faculty participation, and competition-related activities. The project will provide students with practical experience using industry-standard tools and technologies and develop specialized skills in vehicle electrification, controls, software integration, and advanced automotive systems.

UCR - CivicProgress Challenge
Staff is recommending to execute a contract with UCR to support the university's participation in the CivicProgress Challenge. UCR proposes to participate in the two-year CivicProgress Challenge with an interdisciplinary team of undergraduate and graduate students organized into technical sub-teams focused on software, hardware, systems integration, and human-centered design. Teams will explore real-world challenges such as wheelchair access, securement systems, adaptive seating, and vehicle usability. Utilizing computer-aided design software, simulation tools, and hands-on engineering, the team will develop and demonstrate wheelchair-accessible technologies for the battery electric GM WAV platform and incorporate input from campus and regional accessibility partners to help ensure that solutions address practical user needs.

During the first year, UCR will focus on foundational accessibility systems, including manual ramps, wheelchair securement and occupant restraint systems, and other safety-focused features. During the second year, the team will refine and automate selected systems, including user interfaces, control functions, and related accessibility features. Design documentation will be maintained throughout the project to facilitate knowledge transfer, regulatory compliance, and continuity between student cohorts.

South Coast AQMD funding will support hardware and software, onboard sensors and computing devices, wheelchair securement and restraint equipment, automation actuators and communication devices, student stipends, faculty and administrative support, public outreach and engagement, and competition-related travel and logistics. This program emphasizes innovation, accessibility, and sustainable mobility while preparing students for real-world engineering challenges. The project will provide students with an opportunity to present to industry judges, earn accolades, and be recognized for advancing accessible transportation. In addition, students will gain hands-on experience in advanced vehicle technologies while supporting development of accessible mobility solutions with potential application to future zero-emission and automated transportation systems.

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. These requests for sole source awards are made under provision B.2.d.: Other circumstances exist which in the determination of the Executive Officer require such waiver in the best interests of the

South Coast AQMD. Specifically, these awards are justified under B.2.d.(8): Research and development efforts with educational institutions or nonprofit organizations. Cal State LA and UCR are the only two universities in the Basin selected to participate in the EcoCar Innovation Challenge and CivicProgress Challenge, respectively.

Benefits to South Coast AQMD

Projects that advance vehicle technologies while providing hands-on training are included in the Technology Advancement Office Clean Fuels Program 2026 Plan Update under "Workforce Development: Training for operators, technicians, and first responders to build the skills necessary for safe, reliable operation of advanced transportation and infrastructure systems." The proposed projects complement these efforts by developing technical skills and practical experience needed to support advanced clean transportation technologies.

As zero-emission and advanced vehicle technologies continue to expand, demand will grow for engineers with the technical knowledge and hands-on experience needed to design, integrate, validate, operate, and improve these systems. By supporting Cal State LA's participation in the EcoCAR Innovation Challenge and UCR's participation in the CivicProgress Challenge, South Coast AQMD will help prepare the next generation of automotive and mobility engineers while advancing expertise in vehicle electrification, intelligent mobility, automation, and accessible transportation technologies. These investments will strengthen the workforce needed to develop and support continued advancement and deployment of cleaner transportation technologies and South Coast AQMD's long-term clean air objectives.

Resource Impacts

South Coast AQMD's support for workforce development and professional training in next-generation clean transportation technologies through Cal State LA's participation in the EcoCAR Innovation Challenge and UCR's participation in the CivicProgress Challenge shall not exceed a total of $450,000 from the Clean Fuels Program Fund (31).

Sufficient funds are available from the Clean Fuels Program Fund (31), established as a special revenue fund resulting from the state-mandated Clean Fuels Program. The Clean Fuels Program, under Health and Safety Code Sections 40448.5 and 40512 and Vehicle Code Section 9250.11, establishes mechanisms to collect revenues from mobile sources to support projects to increase the utilization of clean fuels, including the development of the necessary advanced enabling technologies. Funds collected from motor vehicles are restricted, by statute, to be used for projects and program activities related to mobile sources that support the objectives of the Clean Fuels Program.

Back to Agenda

Execute Contracts to Support Advanced Clean Transportation Technology Competitions

Vasileios Papapostolou

Background

<u>EcoCar Innovation Challenge</u>

- 15th U.S. Department of Energy Advanced Vehicle Technology Competition
- Sponsored by General Motors and Stellantis
- Advances energy-efficient, intelligent mobility using artificial intelligence, machine learning, and advanced computing

<u>SAE CivicProgress Challenge</u>

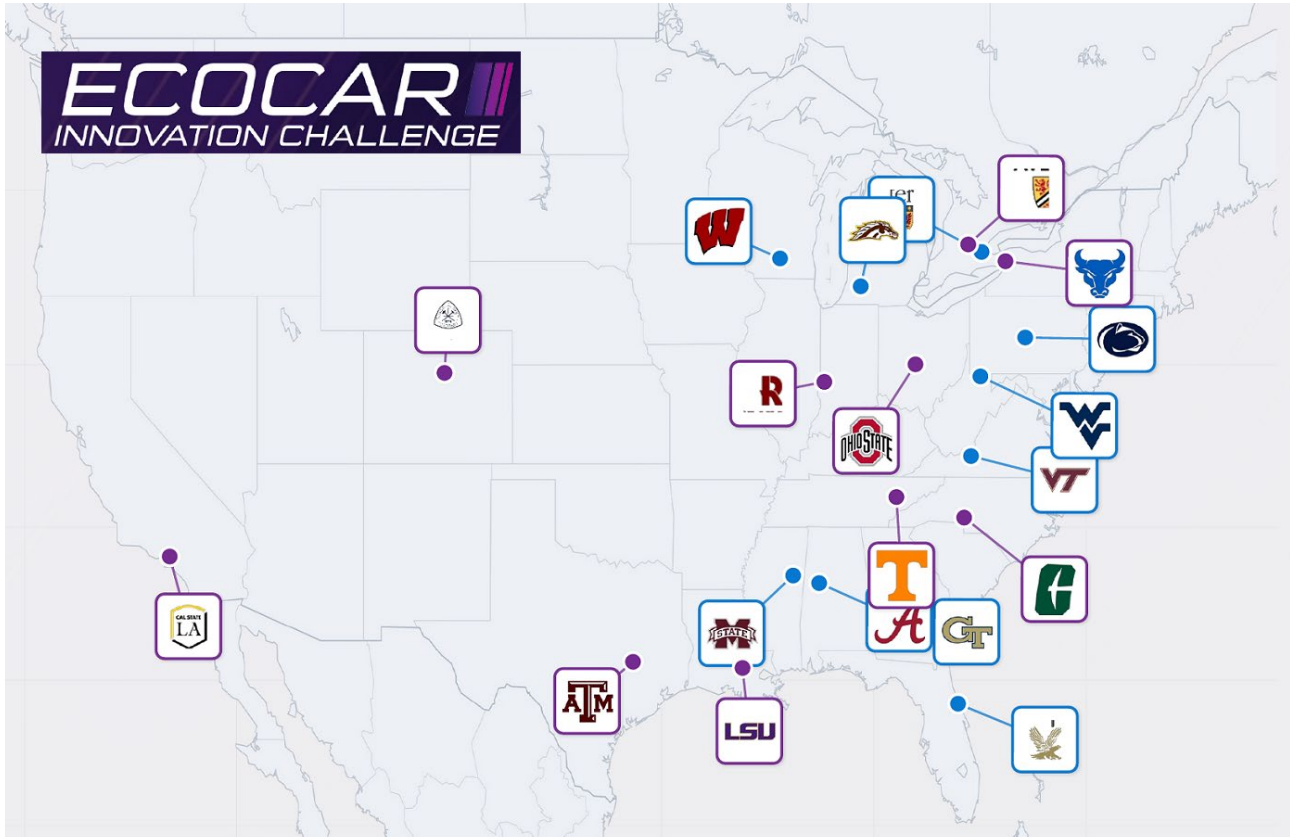
- SAE International collegiate design competition sponsored by General Motors
- Advances accessible mobility through innovative ramps, securement, restraints, and adaptive seating

ECOCAR INNOVATION CHALLENGE

SAE INTERNATIONAL®

California State University, Los Angeles (Cal State LA)

- Cal State LA is one of 20 universities nationwide, and the only university in our Basin participating in the EcoCAR Innovation Challenge
- Interdisciplinary engineering team spanning electrical, mechanical and engineering technology disciplines
- Prior EcoCAR participant and recipient of South Coast AQMD's 2018 Clean Air Award



Cal State LA – 2026 EcoCAR Innovation Challenge

- Cal State LA is developing a Wildfire Command Vehicle on a 2026 Jeep Cherokee hybrid platform for search-and-rescue and emergency-response applications
- Focuses on vehicle performance, battery efficiency, off-road capability, and advanced propulsion systems
- Advances clean mobility solutions for first-responder fleets

University of California, Riverside (UCR)

- University of California, Riverside is one of 12 universities nationwide, and the only university in the Basin participating in the CivicProgress Challenge
- Recently competed in the EcoCAR EV Challenge, demonstrating bidirectional V2X connectivity on a Cadillac LYRIQ EV
- SAE International and General Motors sponsor of the Challenge to advance next generation mobility innovation

UCR – 2026 CivicProgress Challenge

- Addresses real-world challenges for wheelchair users and people with disabilities
- Advances accessibility technologies using GM's battery electric Wheelchair Accessible Vehicle (WAV) platform
- Developing practical solutions to improve mobility, independence, and user experience, with potential for future zero-emission and automated vehicles

UNIVERSITY OF CALIFORNIA RIVERSIDE · gm · SAE INTERNATIONAL

Proposal

- Support workforce development and training as follows:
  - $300,000 to support Cal State LA's participation in EcoCAR Innovation Challenge
  - $150,000 to support UCR's participation in the CivicProgress Challenge

Summary of Recommended Actions

Authorize the Executive Officer to execute two contracts to support collegiate challenges from the Clean Fuels Program Fund (31), as follows:

1. Cal State LA EcoCAR Innovation Challenge, in an amount not to exceed $300,000

2. UC Riverside CivicProgress challenge, in an amount not to exceed $150,000

Back to Agenda
Go to SLIDES

BOARD MEETING DATE: October 2, 2026 AGENDA NO.

PROPOSAL: Execute Contracts for Electrification of Transport Refrigeration Units and Amend Existing Contract for Electrification of Cargo Handling Equipment in Southern California

SYNOPSIS: In December 2020 and November 2022, the Board recognized $2,240,721 and $2,569,933 awards under FY20 and FY21 U.S. EPA Diesel Emission Reduction (DERA) grants to replace diesel transport refrigeration units (TRUs) and cargo handling equipment with zero-emission TRUs and cargo handling equipment. Due to the withdrawal of one of the project partners, new project partners were identified. Pending U.S. EPA's approval, these actions are to: 1) execute contracts with BakeMark USA, LLC, Northgate Gonzalez, LLC, and Rockview Dairies, Inc. for TRU electrification and supporting charging infrastructure in an amount not to exceed $2,170,975 from the Clean Fuels Program Fund (31); and 2) amend the contracts with Total Terminals International, LLC under the Carl Moyer Program to replace one of three project participants under the U.S. EPA FY21 DERA grant and fund two top handler electrification projects in an amount not to exceed $1,396,386 from the Advanced Technology, Outreach and Education Fund (17).

COMMITTEE: Technology, September 18, 2026; Recommend for Approval

RECOMMENDED ACTIONS:
Contingent upon U.S EPA's final award approvals:
1. Authorize the Executive Officer to execute three contracts from the Clean Fuels Program Fund (31), as follows:
   a. BakeMark USA, LLC (Bakemark) to replace up to 25 diesel transport refrigeration units (TRUs) with battery-electric TRUs and install supporting charging infrastructure in an amount not to exceed $1,024,025;
   b. Northgate Gonzalez, LLC (Northgate) to replace up to 14 diesel TRUs with battery-electric TRUs and install supporting charging infrastructure in an amount not to exceed $573,482; and

c. Rockview Dairies, Inc. (Rockview) to replace up to 14 diesel TRUs with battery-electric TRUs and install supporting charging infrastructure in an amount not to exceed $573,468; and

2. Authorize the Executive Officer to amend contracts with Total Terminals International, LLC under the Carl Moyer Program to incorporate U.S EPA Diesel Emission Reduction (DERA) and Carl Moyer Program requirements and replace diesel top handlers with zero-emission units in an amount not to exceed $1,396,386 from the Advanced Technology, Outreach and Education Fund (17).

Wayne Nastri
Executive Officer

AK:MW:VP:NS

Background

Albertsons Companies, Inc. (Albertsons) was previously selected for two U.S. EPA Diesel Emissions Reduction Act (DERA) grants to replace diesel transport refrigeration units (TRUs) and cargo handling equipment with zero-emission technologies. In December 2020, the Governing Board recognized $2.2 million from the U.S. EPA FY20 DERA grant to electrify TRUs at Albertsons. Two years later, in November 2022, the Governing Board recognized a $2.6 million from the U.S. EPA FY21 DERA grant to replace diesel cargo handling equipment with zero-emission equipment. In May 2025, Albertsons notified South Coast AQMD that it was unable to accept U.S. EPA's General Terms and Conditions and would not proceed with either project. To preserve the available grant funding and associated emission-reduction benefits, staff identified replacement projects for the deployment of zero-emission TRUs and cargo handling equipment.

Electrification of Transport Refrigeration Units

In October 2025, South Coast AQMD released a Program Announcement (PA) under Proposition 1B - Goods Movement Emission Reduction Program (Prop 1B) to solicit TRU replacement and conversion projects. BakeMark USA, LLC (BakeMark), Northgate Gonzalez, LLC (Northgate), and Rockview Dairies, Inc. (Rockview) submitted applications, and were evaluated and selected for Prop 1B funding, providing an opportunity to leverage available U.S. EPA DERA grant funding to replace Albertsons and expand the deployment of zero-emission refrigerated transportation equipment.

Electrification of Cargo Handling Equipment
In July 2021, U.S. EPA awarded South Coast AQMD the FY21 DERA grant to replace cargo handling equipment with zero-emission options in Southern California. In May 2022, the Governing Board approved Albertsons, Long Beach Container Terminal (LBCT), and McLane Company (McLane) as program participants.

Separately, South Coast AQMD solicited projects under the FY 2022-2023 Carl Moyer Program (Year 25) and the FY 2023-2024 Carl Moyer Program State Reserve Funds that included the cargo handling equipment category. South Coast AQMD awarded Total Terminals International, LLC (TTI) funding under both solicitations for the replacement of their older heavy-duty off-road equipment with lower- or zero-emission equipment.

Following Albertsons' withdrawal, staff evaluated opportunities to reallocate available U.S. EPA DERA grant funding to other eligible zero-emission cargo handling equipment projects. Staff identified TTI's project as an eligible replacement, providing an opportunity to leverage DERA funding and expand the deployment of zero-emission top handlers at TTI's terminal.

Proposal
Electrification of Transport Refrigeration Units
BakeMark, Northgate, and Rockview were selected for Prop 1B incentive funding and currently own and operate diesel-powered TRUs proposed for replacement with new all-electric TRUs. Staff proposes to replace Albertsons with BakeMark, Northgate, and Rockview as participants in the U.S. EPA DERA TRU project to leverage Prop 1B and DERA funding to replace a total of 53 diesel to all-electric TRUs and refrigerated trailers as follows: 25 units at BakeMark; 14 units at Northgate; and 14 units at Rockview. The replacement of older TRUs in this project is estimated to result in 0.88 tons of PM2.5 and 40 tons of NOx reduced annually. The project will also install eligible supporting charging infrastructure at the three participating facilities. Total project funding will not exceed $2,170,975 from the Clean Fuels Program Fund (31), with up to $69,746 from the Clean Fuels Program Fund (31) for administrative costs.

Electrification of Cargo Handling Equipment
TTI was selected for FY2022-2023 Carl Moyer Program and FY 2023-2024 Carl Moyer Program State Reserve Funds to replace older heavy-duty off-road equipment with lower- or zero-emission equipment. Staff proposes to replace Albertsons with TTI as a participant in the U.S. EPA DERA cargo handling equipment project and leverage Carl Moyer Program funding with U.S. EPA DERA grant funds to replace up to two older heavy-duty off-road equipment units with zero-emission equipment. Total project funding will not exceed $1,396,386 from the Advanced Technology, Outreach and Education Fund (17).

Sole Source Justification
Section VIII.B.3 of the Procurement Policy and Procedure identifies four major provisions under which contracts funded in whole or in part with federal funds may be made as a sole source award. The proposed replacement participants previously applied through Prop 1B and Carl Moyer Program solicitations and were awarded funding through a competitive bidding process. They now seek approval to leverage those awards with U.S. EPA DERA grant funding. This request for sole source awards for BakeMark, Northgate, Rockview, and TTI are made under Section VIII.B.3.c, which states the awarding federal agency or pass-through entity expressly authorizes non-competitive proposals involving cost sharing by multiple sponsors, may justify a sole source award.

Benefits to South Coast AQMD
The South Coast Air Basin is classified as an "extreme" nonattainment area for ozone under the Federal Clean Air Act. Projects to support development and demonstration of all-electric TRUs, infrastructure, and cargo handling equipment, such as top handlers, are included in the *Technology Advancement Office Clean Fuels Program 2026 Plan Update* under the categories of "Develop and Demonstrate Electric and Hybrid Vehicles," and "Develop and Demonstrate Electric Charging Infrastructure." Successful implementation of on- and off-road projects will contribute to the attainment of national ambient air quality standards in the South Coast Air Basin by eliminating PM and NOx emissions from replaced diesel TRUs and top handlers for impacted communities around facilities proposed under these projects.

Resource Impacts
Electrification of Transport Refrigeration Units
The U.S. EPA FY20 DERA grant award of $2,240,721 for the Southern California TRU electrification project includes $2,170,975 for project implementation, and $69,746 for South Coast AQMD administrative costs. Pending U.S. EPA approval, the proposed total project budget is $17,878,338, consisting of $2,170,975 in U.S. EPA DERA funding, $8,480,000 in Prop 1B incentive funding, and $7,227,363 in cost-share from BakeMark, Northgate, and Rockview. The cost-share per participant is dependent on the number of units each proposed project participant will deploy and the overall cost-share required by U.S. EPA for the project.

Zero-Emission TRUs at BakeMark's Distribution Center
The proposed contract with BakeMark to replace 25 diesel TRUs with all-electric TRUs and install supporting charging infrastructure will not exceed $1,024,025 from the Clean Fuels Program Fund (31). Pending U.S. EPA approval, the total BakeMark project budget is $10,308,227, consisting of $1,024,025 in U.S. EPA DERA funding, $4,000,000 in Prop 1B incentive funding, and $5,284,202 in cost-share from BakeMark.

Source	Amount	Percent
U.S. EPA	$1,024,025	9.9%
Prop 1B	$4,000,000	38.8%
BakeMark	$5,284,202	51.3%
Total	**$10,308,227**	**100%**

Zero-Emission TRUs at Northgate's Distribution Center

The proposed contract with Northgate to replace 14 diesel TRUs with all-electric TRUs and install supporting charging infrastructure will not exceed $573,482 from the Clean Fuels Program Fund (31). Pending U.S. EPA approval, the total Northgate project budget is $3,605,613, consisting of $573,482 in U.S. EPA DERA funding, $2,240,000 in Prop 1B incentive funding, and $792,131 in cost-share from Northgate.

Source	Amount	Percent
U.S. EPA	$573,482	15.9%
Prop 1B	$2,240,000	62.1%
Northgate	$792,131	22.0%
Total	**$3,605,613**	**100%**

Zero-Emission TRUs at Rockview's Distribution Center

The proposed contract with Rockview to replace 14 diesel TRUs with all-electric TRUs and install supporting charging infrastructure will not exceed $573,468 from the Clean Fuels Program Fund (31). Pending U.S. EPA approval, the total Rockview project budget is $3,964,498, consisting of $573,468 in U.S. EPA DERA funding, $2,240,000 in Prop 1B incentive funding, and $1,151,030 in cost-share from Rockview.

Source	Amount	Percent
U.S. EPA	$573,468	14.5%
Prop 1B	$2,240,000	56.5%
Rockview	$1,151,030	29.0%
Total	**$3,964,498**	**100%**

Electrification of Cargo Handling Equipment

Pending U.S. EPA and CARB approvals, TTI's existing Carl Moyer Program contracts will be amended to replace up to two diesel top handlers, in lieu of Albertsons' proposed replacement of nine diesel yard hostlers under the U.S. EPA FY 2021 DERA grant, in an amount not to exceed $1,396,386.

Source	Amount	Percent
U.S. EPA	$1,396,386	33.08%
Carl Moyer Program/State Reserve Funds	$1,617,416	38.31%
TTI	$1,208,035	28.61%
Total	**$4,221,837**	**100%**

The FY20 U.S. EPA DERA Electrification of Transport Refrigeration in Southern California Grocery Fleet grant funds were recognized into the Clean Fuels Program Fund (31). The FY21 U.S. EPA DERA cargo handling equipment grant funds were recognized into the Advanced Technology, Outreach and Education Fund (17). Sufficient funds are available in both the Clean Fuels Program Fund (31), established as a special revenue fund resulting from the state-mandated Clean Fuels Program, and the Advanced Technology, Outreach and Education Fund (17) for this proposal. The Clean Fuels Program, under Health and Safety Code Sections 40448.5 and 40512 and Vehicle Code Section 9250.11, establishes mechanisms to collect revenues from mobile sources to support projects to increase the utilization of clean fuels, including the development of the necessary advanced enabling technologies. Funds collected from motor vehicles are restricted, by statute, to be used for projects and program activities related to mobile sources that support the objectives of the Clean Fuels Program.

Back to Agenda

Agenda Item #7

Execute Contracts for Electrification of Transport Refrigeration Units and Amend Existing Contract for Electrification of Cargo Handling Equipment in Southern California

Nicole Silva

Background

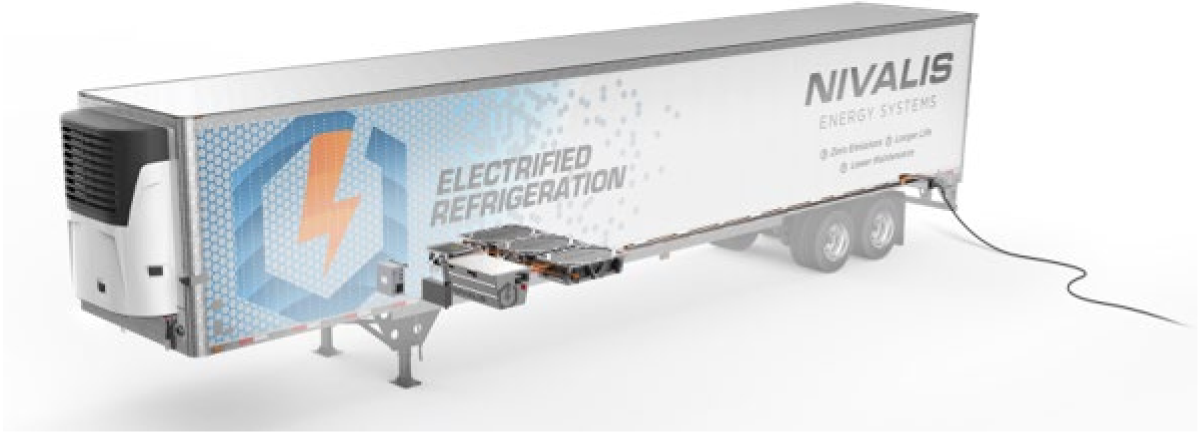
- Albertsons received grants to electrify transport refrigeration units (TRUs) and cargo handling equipment
  - December 2020: Board recognized $2.2 million U.S. EPA FY20 DERA grant to electrify TRUs at Albertsons
  - November 2022: Board recognized a $2.6 million U.S. EPA FY 21 DERA grant to replace diesel cargo handling equipment with zero-emission equipment at three fleets, including $1.4M at Albertsons
- Albertsons subsequently withdrew from both projects
- New projects have been identified for replacement of diesel TRUs and cargo handling equipment

Proposal to Replace Diesel TRUs with All-Electric TRUs

- Leverage DERA and Proposition 1B funding for BakeMark, Northgate, and Rockview

- Replace up to 53 diesel TRUs with all-electric TRUs and install supporting charging infrastructure
  - BakeMark: 25 units, total funding $5M
  - Northgate: 14 units, total funding $2.8M
  - Rockiew: 14 units, total funding $2.8M

- Estimated emission reductions:
  - ~40 tpy of NOx
  - ~0.88 tpy of PM2.5



Resource Impacts – FY20 DERA TRUs

- Proposed funding for U.S. EPA FY20 DERA grant will be drawn from the Clean Fuels Program Fund (31)

BAKEMARK

Source	Amount	Percent
U.S. EPA	$1,024,025	9.9%
Prop 1B	$4,000,000	38.8%
BakeMark	$5,284,202	51.3%
Total*	$10,308,227	100%

*Funds **25 eTRUs** and installation of charging infrastructure

NORTHGATE MARKET

Source	Amount	Percent
U.S. EPA	$573,482	15.9%
Prop 1B	$2,240,000	62.1%
Northgate	$792,131	22.0%
Total*	$3,605,613	100%

*Funds **14 eTRUs** and installation of charging infrastructure

ROCKVIEW FAMILY FARMS

Source	Amount	Percent
U.S. EPA	$573,468	14.5%
Prop 1B	$2,240,000	56.5%
Rockview	$1,151,030	29.0%
Total*	$3,964,498	100%

*Funds **14 eTRUs** and installation of charging infrastructure

Proposal to Replace Diesel Cargo Handling Equipment with ZE Technology

- Leverage DERA and Carl Moyer Program funding for Total Terminals International, LLC
- Replace two diesel top handlers with all-electric top handlers
- Total funding: $1.5M
- Estimated emission reductions:
  - ~40 tpy of NOx
  - ~0.88 tpy of PM2.5

Resource Impacts – FY21 DERA CHE

Total Terminals International, LLC

Source	Amount	Percent
U.S. EPA	$1,396,386	33%
Carl Moyer Program/ State Reserve Funds	$1,617,416	38%
TTI	$1,208,035	29%
Total*	**$4,221,837**	**100%**

*Previously committed cost-share updated based on DERA funds

**Proposed funding for U.S. EPA FY21 DERA grant will be drawn from the Advanced Technology, Outreach and Education Fund (17)

Summary of Recommended Actions

Contingent upon U.S. EPA final award approval, authorize the Executive Officer to:

- Execute contracts with BakeMark, Northgate, and Rockview to replace 53 diesel TRUs with battery-electric TRUs and supporting charging infrastructure in an amount up to $2,170,975 from the Clean Fuels Program Fund (31)
- Amend existing TTI Carl Moyer Program contracts to incorporate U.S. EPA FY21 DERA requirements and replace diesel top handlers with zero-emission units, in an amount up to $1.40 million from the Advanced Technology, Outreach and Education Fund (17)

BOARD MEETING DATE: October 2, 2026 AGENDA NO.

PROPOSAL: Amend Contracts for Joint Electric Truck Scaling Initiative Pilot Project

SYNOPSIS: In June 2021, the Board approved the execution of contracts for the CARB and California Energy Commission (CEC) funded Joint Electric Truck Scaling Initiative (JETSI) Pilot Project to deploy 100 Daimler and Volvo Class 8 battery electric trucks, charging infrastructure, and distributed energy resource technologies at two fleet locations that serve surrounding overburdened communities. In February 2025, the Board approved an extension of the JETSI project and the reallocation of funds to cover energy storage costs, additional chargers and project management expenses. Due to further delays in installing charging infrastructure at one fleet location, CARB and CEC approved extending the project completion date from December 2026 to September 2027 along with the reallocation and repurposing of up to $639,740 in previously authorized but unspent administrative and project funds to support implementation during the extended project period. These actions are to amend the applicable contracts to continue project implementation, reallocate and repurpose unspent funds for project and administrative costs.

COMMITTEE Technology, September 18, 2026; Recommended for Approval

RECOMMENDED ACTIONS:
Authorize the Executive Officer to amend the following contract awards funded by the GHG Reduction Projects Special Revenue Fund (67), pending receipt of amended grant agreement from CARB:

1. Contract with NFI Interactive Logistics, Inc (NFI) to reallocate the $300,000 previously designated for energy storage costs as follows:
   a. Reallocate $100,000 to South Coast AQMD to cover administrative costs;
   b. Reallocate $100,000 within NFI's contract for communications and outreach activities;
   c. Add $100,000 to the contract with TRC Companies, Inc. (formerly Gladstein, Neandross and Associates) for JETSI Pilot Project reporting.

2. Amend the contract with Daimler Truck North America, LLC to allow the $300,000 previously allocated for the deployment of additional chargers to be used for the purchase of spare parts and services; and
3. Add $39,740 to the contract with CALSTART, Inc. for charger pricing analysis and fleet case studies for the extended period.

Wayne Nastri
Executive Officer

AK:MW:VP:SC

Background
In June 2021, the Board approved the execution of contracts for the CARB and California Energy Commission (CEC) funded Joint Electric Truck Scaling Initiative (JETSI) Pilot Project to deploy 100 Daimler and Volvo Class 8 battery electric trucks, supporting charging infrastructure, and distributed energy resources technologies at two fleet locations serving surrounding overburdened communities. South Coast AQMD was awarded $16,019,316 from CARB and $10,964,955 from CEC for the JETSI Pilot Project.

South Coast AQMD is leading a regional collaborative effort with the Mobile Source Air Pollution Reduction Review Committee (MSRC), Southern California Edison, and the Ports of Los Angeles and Long Beach. These partners provided a combined cost share of $21,400,000, in addition to $25,400,000 by the two participating fleets.

As of June 2026, all 100 Class 8 battery electric trucks had been deployed and had accumulated more than 15 million zero-emission miles. Through the at-scale deployment of battery-electric trucks at two California fleet locations, the project significantly advanced the market penetration of Class 8 battery electric trucks and demonstrated the viability of zero-emission goods movement operations.

In February 2025, the Board approved an extension to the JETSI project to December 2026 due to charging infrastructure delays and reallocated up to $974,504 in unspent South Coast AQMD administrative funds to support additional charging infrastructure, energy storage, project management, and data analysis. No additional grant funding was requested.

Proposal
Despite this progress, the NFI project has experienced additional delays in charging infrastructure construction and energization, and the microgrid was not commissioned until June 2026. CARB and CEC approved extending the JETSI Pilot project through September 2027. The extension is necessary to allow for a full year of operational data

collection following commissioning and to ensure successful completion of the project's technical and reporting objectives.

South Coast AQMD staff recommend reallocating and repurposing up to $639,740 in unspent CARB and CEC administrative and project funds to cover additional implementation costs, including project management expenses during the extended period; repurposing funds previously allocated for additional chargers to support spare parts and services under Daimler Truck North America LLC's contract for Schneider National, Inc., and reallocating unspent NFI infrastructure installation funds to project and implementation activities. These actions will provide sufficient funding for the project partners to complete the remaining work and fulfill the project's reporting obligation. CARB and CEC have approved the proposed reallocations, which resulted in no net change to the total grant funding.

Benefits to South Coast AQMD

The JETSI Pilot Project supports the development and demonstration of zero-emission freight transportation technologies and infrastructure, including solar and energy storage systems that enable microgrids for charging heavy-duty trucks, yard tractors, and forklifts. These technologies are included in the *Technology Advancement Office Clean Fuels Program 2026 Plan.* By demonstrating zero-emission heavy-duty trucks, freight handling equipment, and charging infrastructure integrated with solar generation and battery energy storage, the project supports attainment of the national ambient air quality standards in the Basin. Specifically, the replacement of diesel-powered heavy-duty trucks and off-road freight handling equipment reduces PM and NOx emissions, while the solar- and energy storage-powered infrastructure supports reliable fleet charging operations.

Resource Impacts

Staff requests authorization to amend the contract with NFI Interactive Logistics, Inc. to reallocate $300,000 previously designated for energy storage as follows: reallocate $100,000 to South Coast AQMD for administrative costs; reallocate $100,000 within the NFI contract for communications and outreach activities; and add $100,000 to the contract with TRC Companies, Inc. for JETSI Pilot Project reporting. Staff also requests authorization to amend the contract with Daimler Truck North America, LLC to repurpose $300,000 previously allocated for additional chargers for the purchase of spare parts and services, and to add $39,740 to the contract with CALSTART, Inc. for charger pricing analysis and fleet case studies during the extended project period.

These contract amendments are fully funded with CEC and CARB administrative funds for the JETSI Pilot Project available in the GHG Reduction Projects Special Revenue Fund (67) and will result in no net change to the total grant award.

Back to Agenda

BOARD MEETING DATE: October 2, 2026 AGENDA NO.

PROPOSAL: Re-issue Program Announcement, Transfer Funds, and Execute Agreements for the CHDV ELECTRIC Program

SYNOPSIS: In January 2025, South Coast AQMD recognized an award of $33,898,522, including administrative costs, from the U.S. EPA 2024 Clean Heavy-Duty Vehicles Grant Program. The awarded proposal titled "Empowering Local Environmental Change Through Replacing Internal Combustion with Battery Electric Class 6 or 7 Vehicles" (ELECTRIC) is designed to replace diesel or gasoline-powered Class 6 and 7 freight delivery vehicles with zero-emission vehicles. In August 2025, a program announcement was issued to solicit projects for ELECTRIC but the program is undersubscribed. To allow more time to expend all funds, U.S. EPA approved an extension of the ELECTRIC grant in August 2026 for two additional years, through December 31, 2028. These actions are to: 1) issue, and if necessary re-issue, a Program Announcement to solicit projects for ELECTRIC; and 2) execute agreements with eligible applicants.

COMMITTEE: Technology, September 18, 2026; Recommended for Approval

RECOMMENDED ACTIONS:

1. Re-Issue Program Announcement (PA) #PA2026-04 under the U.S. EPA 2024 Clean Heavy-Duty Vehicles (CHDV) Empowering Local Environmental Change Through Replacing Internal Combustion with Battery Electric Class 6 or 7 Vehicles (ELECTRIC) program to incentivize the replacement of Class 6 and 7 diesel or gasoline powered freight delivery vehicles with new battery electric vehicles; and re-open the PA if necessary.
2. Based on the results of the PA, authorize the Executive Officer to execute agreements for the eligible projects for up to $29,000,000 from the Advanced Technology, Outreach and Education Fund (17).

Wayne Nastri
Executive Officer

AK:MW:TL

Background
In July 2024, South Coast AQMD submitted a proposal titled ELECTRIC to the U.S. EPA's Clean Heavy-Duty Vehicles (CHDV) grant opportunity. In December 2024, the proposal was awarded for $33,898,522 and the award was recognized by the Governing Board on January 10, 2025. ELECTRIC is designed to incentivize the replacement of older Class 6 and 7 internal combustion freight delivery vehicles with battery electric technology. A Program Announcement (PA #2026-04) was issued in August of 2025 which was undersubscribed and approximately $10,000,000 of uncommitted funds remain. ELECTRIC also invests in developing workforce training programs with local entities and organizations, which include, but are not limited to, community colleges, equipment dealerships, and manufacturers, for the operation, maintenance, and servicing of zero-emission vehicles. Additionally, the program includes a framework for community engagement for education and outreach on air pollution and zero-emission technologies. In August 2026, U.S. EPA approved a no-cost two-year extension to the ELECTRIC grant, extending the grant through December 31, 2028, to allow time to implement the program.

Proposal
This action is to re-issue #PA2026-04 for replacing diesel or gasoline Class 6 and 7 freight vehicles with new battery electric vehicles. Funding for supporting charging infrastructure is also available upon request. The PA will re-open on October 7, 2026, and will close on January 15, 2027. Staff also recommends that the Board authorize the Executive Officer to execute agreements up to $29,000,000 using the Advanced Technology, Outreach and Education Fund (17) for eligible projects under #PA2026-04, until funds are exhausted.

Outreach
In accordance with South Coast AQMD's Procurement Policy and Procedure, a public notice advertising the PA and inviting bids will be published in the Los Angeles Times, the Orange County Register, the San Bernardino Sun, and Riverside County's Press Enterprise newspapers to leverage the most cost-effective method of outreach to the South Coast Basin. Additionally, potential bidders may be notified utilizing South Coast AQMD's own electronic listing. Notice of the PA will be posted on South Coast AQMD's website (http://www.aqmd.gov), where it can be viewed by selecting "Grants & Bids."

Benefits to South Coast AQMD
The South Coast Air Basin is classified as in extreme nonattainment for ozone and serious nonattainment for PM2.5 with the NAAQS. Projects funded by ELECTRIC will support and accelerate the replacement of older, polluting internal combustion engine Class 6 and 7 vehicles with zero-emission technologies, reducing ozone, PM2.5, and other air pollution. The program is projected to reduce 29,434 pounds of NOx and 558 pounds of PM2.5 annually. Furthermore, the program is expected to decrease carbon dioxide equivalent (MT CO_2e) emissions by 599,200 metric tons annually.

ELECTRIC was designed to implement a workforce training program that not only supports the transition to zero-emission technologies but also creates jobs throughout the region. ELECTRIC has selected a third-party outreach contractor through a competitive process to amplify awareness and workforce training, and to support job creation for South Coast AQMD residents through outreach and educational efforts.

Resource Impacts
Funding for the ELECTRIC program will be funded from the U.S. EPA CHDV grant award of $33,898,522 in the Advanced Technology, Outreach and Education Fund (17), which includes administrative costs for implementing this program.

Attachment
PA #2026-04: Clean Heavy Duty Vehicle Incentive Program Battery Electric Freight Vehicles for Classes 6 and 7 (ELECTRIC)

Back to Agenda

South Coast AQMD

Empowering Local Environmental Change

Through Replacing Internal Combustion with Battery Electric Class 6/7 Vehicles (ELECTRIC)

Program Announcement
PA2026-04R

Clean Heavy Duty Vehicle Incentive Program
Battery Electric Freight Vehicles for Classes 6 and 7

Open : October 7, 2026 at 1 PM PST
Submission Deadline: January 15, 2027 at 1 PM PST

INTRODUCTION

The United States Environmental Protection Agency's (US EPA) established a funding initiative (Program) to replace older, non-zero-emission Class 6 and 7 heavy-duty vehicles with zero-emission alternatives. The Program aims to reduce air pollution and greenhouse gas emissions, particularly in communities in nonattainment areas.

In November 2024, South Coast AQMD was awarded $29 million grant under the Program for the proposal titled "Empowering Local Environmental Change Through Replacing Internal Combustion with Battery Electric Class 6 or 7 Vehicles" (ELECTRIC), designed to replace diesel or gasoline-powered Class 6 and 7 freight and food product delivery vehicles with zero-emission technology. Many of these vehicles operate near residential neighborhoods and presenting significant health and environmental risks.

The purpose of this Program Announcement (PA) is to solicit project applications for ELECTRC, which will provide rebates for the replacement of goods movement Class 6 and 7 internal combustion freight delivery vehicles with battery-electric alternatives. Supporting charging units for battery electric vehicles can also receive funding from ELECTRIC.

If training is needed in battery electric technology related to vehicles funded through the Program, the training will be provided by the Program through the manufacturers, a local university, or a training institution.

SECTION I - OVERVIEW

The total funding amount under this PA is approximately $29 million from ELECTRIC funds awarded to the South Coast AQMD. All applications will be evaluated based on the criteria set forth in this PA, which align with the ELECTRIC Workplan approved by the US EPA and Terms and Conditions for ELECTRIC.

WHO: Applicants may be public or private entities that currently own and operate a Class 6 or 7 vehicle for goods movement.

WHAT: Incentive replacements under this PA are rebate-based and limited to the replacement of battery electric Class 6 and 7 freight vehicles, including transport refrigeration unit (TRU) vehicles. Only Class 6 and 7 (GVWR 19,501 to 33,000 pounds) goods movement vehicles are eligible for the rebate. For additional information, please visit South Coast AQMD's program page: ELECTRIC (http://www.aqmd.gov/electric)

HOW: Applications must be submitted online through South Coast AQMD's Grant Management System (GMS) link: http://gms.aqmd.gov

WHEN: Application period will open on October 7, 2026 at 1 PM PST and will close on January 15, 2027 at 1 PM PST.

ALL APPLICATIONS MUST BE RECEIVED VIA SOUTH COAST AQMD'S

ONLINE GRANT MANAGEMENT SYSTEM

GENERAL PROGRAM INFORMATION

Incentive funding under this PA is rebate-based. Only Class 6 and 7 goods movement trucks are eligible for the rebate. One new charging unit per vehicle is also eligible for a rebate.

Eligible Participant

- The applicant must be currently compliant with applicable fleet/truck regulations.
- The applicant must be the current registered owner of the vehicle(s) being retired.
- If awarded, the applicant must enter into a written agreement with South Coast AQMD as a condition of receiving funds and agree to operate the replacement vehicles for a minimum of 5 years. See SECTION IV – PROJECT AGREEMENT

Eligible Retiring Vehicle

- The retiring vehicle must be powered by diesel or gasoline.
- The retiring vehicle must have an engine model year of 2010 or newer and be compliant and registered in the California Air Resources Board's TRUCRS database.
- The retiring vehicle must be domiciled and have operated at least 75% within the South Coast AQMD jurisdiction, which includes Orange County, and urban portions of Los Angeles, Riverside, and San Bernardino counties. Please visit: http://www.aqmd.gov/nav/about/jurisdiction for more information.
- The retiring vehicle must have operated a minimum of 7,000 miles during the 12 months prior to application.
- For the TRU truck option, the retiring unit must be the vehicle with the TRU. A "reefer", or TRU Trailer unit itself, is not eligible.

Eligible Replacement Vehicle

- The replacement vehicle must be brand new and battery-electric powered.
- The replacement vehicle powered by hydrogen or any fossil fuel is not eligible.
- The replacement vehicle must not be a retrofit, repower, or conversion.
- For the TRU Truck option, the replacement vehicle must be 100% battery electric for both propulsion and refrigeration.
- The replacement vehicle must be deployed no later than October 2026.
- The replacement vehicle must operate at least 75% within the South Coast AQMD jurisdiction for a minimum of 5 years.

Eligible Charger Equipment

- Projects may include the purchase of one new charging unit per vehicle, including the unit and charging connector(s), mount and/or pedestal.
- Ineligible costs for the charging unit include power distribution, electrical panels, upgrades to existing panel or electrical service, transformers, wiring/conduit, solar and wind power generation equipment, battery storage systems, and all installation costs.

BUILD AMERICA BUY AMERICA (BABA) REQUIREMENTS

All charging units funded through this program will be subject to requirements in the Build America, Buy America (BABA) Act. The manufacturer of the charging unit equipment must provide a certification letter of BABA compliance in company letterhead. A template of the letter can be found here: Certification Letter Template for Manufactured Products Covered Under the Build America, Buy America Act (https://www.epa.gov/system/files/documents/2025-01/baba-manuprod-cert-letter-template.pdf).

- For more information on BABA, please visit:
  - https://www.epa.gov/baba
  - eCFR :: 2 CFR Part 184 -- Buy America Preferences for Infrastructure Projects

OTHER FEDERAL REQUIREMENTS

If a charging unit is funded by this grant, compliance with the following Federal laws will be required for the charger installation work.

- Davis-Bacon and Related Acts (DBRA) is a collection of labor standards provisions administered by the Department of Labor that are applicable to grants involving construction. Under DBRA, all contractors and subcontractors performing construction must be paid no less than the locally prevailing wage and fringe benefits for corresponding work on similar projects in the area. Weekly certified payrolls must be submitted to South Coast AQMD and maintained for no less than three years after work completion. By accepting a contract under INVEST CLEAN, the selected applicant acknowledges and agrees to the terms provided in the DBRA Requirements for Contractors and Subcontractors Under EPA Grants: https://www.epa.gov/system/files/documents/2023-10/dbra_requirements_for_contractors_and_subcontractors_under_epa_grants.pdf

- Endangered Species Act (16 U.S.C. §1531 et seq.): The Endangered Species Act requires a biological assessment to determine if any endangered or threatened species, or their critical habitat, could be adversely affected by the proposed construction activities. The assessment must be completed within 180 days after the date it was initiated and must be completed prior to any contract for construction and before any construction has begun. The assessment process is outlined as follows:
  - A desktop review to identify species and habitats in the vicinity of the construction site using the U.S. Fish and Wildlife Service's (USFWS) IPaC tool: https://ipac.ecosphere.fws.gov/
  - If species or habitats are potentially impacted, a consultation with the USFWS may be required
  - Avoidance and Mitigation measures such as protective buffers, erosion control, and other Best Management Practices (BMP) may be proposed.
  - The USFWS must agree with the assessment and resolution before the project can commence.

        - Information on the Endangered Species Act: https://www.epa.gov/laws-regulations/summary-endangered-species-act
        - Procedures explained in 50 CFR Part 402: 50 CFR Part 402 -- Interagency Cooperation—Endangered Species Act of 1973, as Amended

- National Historic Preservation Act (16 U.S.C. §470 et seq.): This Act requires a review of potential adverse effects of federally funded activities on historic properties listed or eligible for listing on the National Register. This review should be completed prior to applying for permits.
    - For more details see: https://www.nps.gov/subjects/archeology/national-historic-preservation-act.htm
    - Selected applicants under this RFP are to provide South Coast AQMD with documentation demonstrating compliance with the National Historic Preservation Act (16 U.S.C. §470 et seq.) A mapping tool such as the link below from the U.S. Department of the Interior can be utilized to determine whether the construction site impacts a registered national historical property: https://www.nps.gov/orgs/1094/nrhp_spatialdata.htm
    - The applicant must work with the EPA on any required consultation process with the State or Tribal Historic Preservation Office prior to commencing the project to ensure compliance with section 106 of the NHPA.

- Archeological and Historic Preservation Act (54 U.S.C. §§ 312501-312508): Similar to the National Historic Preservation Act, this Act applies to federally funded activities. It requires historic and archeological objects and materials to be saved that would otherwise be destroyed as a result of the activity.
    - For more details see: https://uscode.house.gov/view.xhtml?req=granuleid%3AUSC-prelim-title54-chapter3125&edition=prelim
    - Selected applicants under this RFP are to report to South Coast AQMD and the EPA any historical or archeological objects and materials found in the process of construction.

- Farmland Protection Policy Act (7 U.S.C. §4201 et. seq.): The purpose of this Act is to minimize or prevent the irreversible conversion of farmland to non-agricultural uses. This act would require identification of the effects federally funded activities may have on farmlands and to consider alternative options.
    - For more details see: https://www.nrcs.usda.gov/conservation-basics/natural-resource-concerns/land/cropland/farmland-protection-policy-act
    - Applicants selected under this RFP must demonstrate adherence to the Farmland Preservation Policy Act (7 U.S.C. §4201 et. Seq.)
        - https://www.nrcs.usda.gov/conservation-basics/natural-resource-concerns/land/evaluation-and-assessment

- Coastal Zone Management Act (16 U.S.C. § 1451 et. seq.): This act requires the review of federally funded activities to determine if the goal of the Act is being met: "preserve, protect, develop and where possible, to restore or enhance the resources of the nation's coastal zone."
  - For more details see: https://coast.noaa.gov/czm/act/
  - Applicants selected under this RFP are to consult with the California Coastal Commission to ensure that the applicant's project will be consistent with the state's coastal zone management plan.
    - Map of California Coastal Zone: https://www.coastal.ca.gov/maps/
    - Information about obtaining a permit: https://www.coastal.ca.gov/enforcement/cdp_pamphlet.pdf

REBATE AMOUNTS

Each vehicle or supporting charging unit can receive funding up to the maximum amounts specified in the table below. The funding amount is capped at the maximum rebate amount shoe below or 65% of project cost, whichever is lower.

Equipment Type	Maximum Rebate
Class 6 & 7 Box Truck	$ 190,000
Class 6 & 7 Step Van	$ 160,000
Class 6 TRU Truck	$ 355,000
Class 7 TRU Truck	$ 355,000
Level 2 Charging Unit	$ *
DCFC Charging Unit	$ *

*The unused amount from the vehicle cap can be applied to supporting charger

Disclosure is required for any other funding sources or tax credits received for the project. Other sources of funding will need to be evaluated to determine if they can be used in conjunction with the Program. While Program grants can be combined with other grants and incentives, in no case may the total grant funds be greater than 100% of a project's total cost.

PROJECT QUOTATIONS

All project costs must be clearly indicated in the application. Applicants must provide cost information that specifies the amount of funding requested and the basis for that request, including vendor quotes, with their applications. Applicants are responsible for providing an accurate quote for the proposed equipment. Vendor quotes must be dated within 90 days prior to the application submittal date.

PROGRAM WORKFLOW

The flowchart in Figure 1 depicts the lifecycle of a typical replacement project, while Table 1 below provides an explanation of each step.

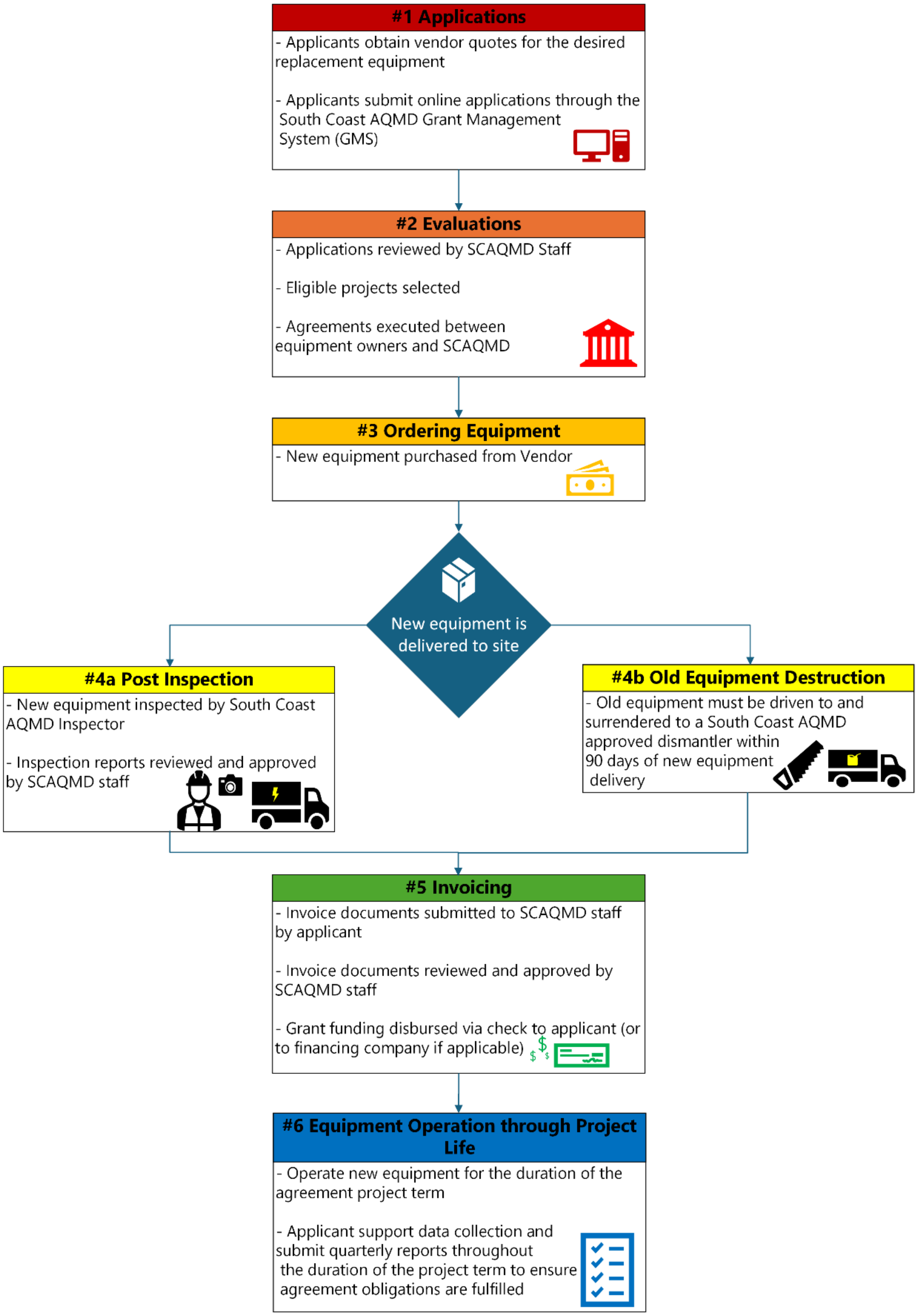


Figure 1: Lifecycle for CHDV Class 6/7 Vehicle Replacement Projects

Chart Process #	Description of Process
1	Applicants submit ELECTRIC grant applications online through South Coast AQMD's GMS. Applicants will provide all necessary information and upload documentation as prompted by the GMS.
2	Upon receipt of a submitted application, South Coast AQMD staff will review the application to screen for completeness and project eligibility. If additional information, documentation or corrections are required, South Coast Staff will allow the applicant 14 days to provide any requested corrections and documentations. If an applicant has been approved for funding, an agreement will be executed between the applicant and South Coast AQMD.
3	Once an agreement has been fully executed, the applicant may proceed to order and purchase the new/replacement equipment from the equipment vendor.
	New/replacement equipment is delivered to the applicant. Upon delivery, the applicant must inform South Coast AQMD staff. If applicant applied for a charger rebate, the applicant must inform South Coast AQMD when the charger has been commissioned.
4a	An inspection of the new equipment will be performed. A South Coast AQMD Inspector will coordinate and inspection date and time with the applicant directly. Inspections may be performed either on-site or virtually via video or photograph at the inspector's discretion. This step is also applicable to the charging unit if the applicant applies for a charger rebate.
4b	Upon delivery of the new/replacement equipment, the applicant will have 90 days to surrender the old/baseline vehicle to the authorized dismantler.
5	Applicant will submit an invoice to South Coast AQMD to request for payment. South Coast AQMD will confirm that applicants have met all program and agreement requirements before rebate payment can be issued.
6	Applicant will provide operational data of the new equipment as detailed in the rebate agreement.

SECTION II – APPLICATION SUBMITTAL REQUIREMENTS

The electronic application in the GMS will prompt applicants for all required application information. **Attachment A** provides a listing of required application information. It is the responsibility of the Applicant to ensure that all information submitted to South Coast AQMD's GMS is accurate and complete.

All online applications must be submitted according to specifications set forth herein. Failure to adhere to these specifications may result in rejection of the application without evaluation.

Grounds for Rejection:

An application may be rejected if the application:

- Does not include all the mandatory information and documentation required via GMS.
- Is not signed by an individual authorized to represent the applicant.

Certifications and Representations
South Coast AQMD "Business Information Forms" will be available on the GMS and must be signed and submitted as part of the application.

Methods of Delivery:
The applicant must submit the application using the South Coast AQMD GMS. Multiple projects may be entered into a single application; however, for applicants with more than 10 projects, it is recommended that the applicant use additional applications to expedite GMS load times. Projects submitted by the same applicant will be evaluated as one application, unless otherwise specified in the submissions. Applicants are required to perform the first and final steps of initiating and submitting applications; however, the application may be filled in by a third-party consultant.

Disposition of Applications
The South Coast AQMD reserves the right to reject any or all applications. All responses become the property of the South Coast AQMD. The electronic copy of the application shall be retained for South Coast AQMD files. Please review the Access to Records and Retention disclaimer in SECTION VI – LEGAL UPDATES AND DEFINITIONS.

Modification or Withdrawal
Ensure that the information input and documentation uploaded are accurate and complete. Once submitted, applications cannot be altered unless requested by the South Coast AQMD staff. Applicants may submit more than one application per solicitation. Applications can be withdrawn through the GMS system.

SECTION III – APPLICATION EVALUATION/SELECTION CRITERIA

South Coast AQMD staff will evaluate and qualify submitted applications to determine which project(s) will be funded. South Coast AQMD staff may request additional information, documentation or corrections as required during their review of the application. The applicants will be allowed 14 calendar days to provide the requested corrections. If the requested information are not provided within 14 calendar days, the application will be placed to the end of the queue and may jeopardize funding eligibility.

There is a possibility that due to program priorities, project Applicants may be offered only partial funding, and not all applications that meet the evaluation criteria can be funded, if oversubscribed.

SECTION IV – PROJECT AGREEMENT

All applicants selected for funding awards must enter into a written agreement with the South Coast AQMD. The scope of work in the agreement will include tasks and deliverables that demonstrate compliance with the requirements of the EPA-funded ELECTRIC Program administered by South Coast AQMD. The South Coast AQMD has no obligation to fund the project until an agreement is fully executed by both parties.

Agreements will include, at a minimum but not limited to, the following criteria:

- Be available for inspections by South Coast AQMD, if requested.
- Retired vehicles must be scrapped by a South Coast AQMD-authorized dismantler.
- Provide vehicle and charger data for monitoring and compliance.
- Register the new/replacement vehicle in California with the Department of Motor Vehicles (DMV).
- Maintain insurance on the new/replacement vehicle as required by law.
- Ensure operation of the new/replacement vehicle is within the South Coast AQMD jurisdiction and provide all necessary usage reports.
- The replacement vehicle is required to maintain a minimum of 7,000 miles a year, and 75% of which must be within the South Coast AQMD jurisdiction for the entire project life.
- The vehicle's manufacturer's warranty must be at least 3 years for the battery electric drivetrain.
- The vehicle vocation must be freight delivery

INSPECTIONS

Inspections will be performed on the newly deployed vehicles and equipment before issuing the rebates. Inspections of old vehicles or destruction of old vehicles may be conducted at the discretion of South Coast AQMD. Inspections of vehicles may be conducted virtually via video conference calls. Recipients must make all equipment available for in-person or remote inspections.

SCRAPPING REQUIREMENTS

The retiring vehicle must be scrapped in accordance with the following requirements:

- Retiring vehicle must be driven, not towed, to a South Coast AQMD-approved dismantler. A dismantler receipt must be collected by the applicant and provided to South Coast AQMD before the rebate can be processed.
- The retiring vehicle must be scrapped within ninety (90) days of the dismantler receipt.
- The scrapping method must include drilling a three-inch asymmetrical hole in the engine block and cutting the frame rail.
- Evidence of destruction will be provided by the approved dismantler and must include digital photos of the Vehicle Identification Number (VIN) tag, front, side profile, and rear of the vehicle, engine tag, before and after photos of the destroyed engine block, and cut frame rails or other cut structural components as applicable.

DELIVERABLES

The agreement will outline how the project will be monitored and what type of information will be included in project progress reports throughout the 5-year project life. At a minimum, the South Coast AQMD expects to receive the following:

- Annual reports consisting of Vehicle Miles Traveled (VMTs)/energy usage, vehicle registration, vehicle insurance, and other information as requested by the S outh Coast AQMD
- If the applicant received a charger rebate, the charger usage data in kWh will also be included in the report.

South Coast AQMD reserves the right to verify the information provided. Please review the Access to Records and Retention disclaimer in SECTION VI – LEGAL UPDATES AND DEFINITIONS.

PERFORMANCE

When a recipient is unable to meet the program requirements (e.g., annual reporting, operation, emission benefits, etc.) or terms specified in the agreement, South Coast AQMD may consider the options to remedy the violation before seeking enforcement action. In addition, when a recipient cannot meet the average usage requirements or terms specified in the contract, South Coast AQMD may consider that the average usage is less than the activity required in the agreement and seek remediation.

Options for non-performance include, but are not limited to, the following:

- Extending the project agreement to allow for the makeup of the usage requirement shortfall
- Transfer ownership of the new equipment to another entity committed to complying with the agreement and operating the equipment
- Return of the funds
- The owner will make its best effort to repair the equipment and assist with identifying a new operator.
- South Coast AQMD and U.S. EPA will review and approve the justification for the deployment failure before any ownership transfer can be authorized.

SECTION V – PAYMENT TERMS

For all projects, recipients shall provide:

- Proof of vehicle or charger purchase, including signed sale agreements and proof of payments.
- Proof of replacement vehicle registration, vehicle insurance, and warranty information
- Proof of fleet compliance with Truck and Bus Regulations
- Proof that the existing vehicle was surrendered to an authorized dismantler
- Proof that the charger has been commissioned and is fully operational

Payment will be made upon review and approval of the documentation listed above, verification via inspection of new vehicle or charger deployment, and verification via inspection of old/retiring vehicle destruction.

SECTION VI – LEGAL UPDATES AND DEFINITIONS

CONFIDENTIALITY

Please ensure that any trade secret, confidential or proprietary information being provided is marked accordingly. Please see the following website for more details: https://www.aqmd.gov/docs/default-source/default-document-library/Guidelines/pra-guidelines.pdf

ACCESS TO RECORDS AND RETENTION

Materials, reports, photos, and other documentation submitted pursuant to the project may be released in part or in whole pursuant to either the Freedom of Information Act or the California Public Records Act. The EPA or SCAQMD may make publicly available on their websites, copies or portions of project information.

U.S. EPA and South Coast AQMD also reserve the right to access records of the applicant/ recipient pertinent to this award, to perform audits, execute site visits, or for any other official use. This right of access also includes timely and reasonable access to the applicant/recipient's personnel for the purpose of interviewing and discussion related to such documents or the Federal award in general. This right of access shall continue as long as the records are retained.

In accordance with 2 CFR 200.334, the recipient must retain all Federal award records, including but not limited to, financial records, supporting documents, and statistical records for at least three years from the date of submission of the final financial report. The records must be retained until all litigation, claims, or audit findings have been resolved and final action has been taken if any litigation, claim, or audit is started before the expiration of the three-year period. Examples of the required records include: (1) time and attendance records and supporting documentation; and (2) documentation of compliance with statutes and regulations that apply to the project. In accordance with 2 CFR 200.337, the EPA, the Inspector General, the Comptroller General, and the pass-through entity, or any of their authorized representatives, have the right of access to any documents, papers or records of the recipient which are pertinent to the grant award. The rights of access are not limited to the required retention period, but last as long as the records are retained.

USE OF LOGOS

Use of the EPA's logo, along with logos of other participating entities, on outreach materials, websites, or reports, must adhere to the requirements of both the General Terms and Conditions, Paragraph Q, and California Health and Safety Code Section 40730.

STATEMENT OF COMPLIANCE

Government Code Section 12990 and California Administrative Code, Title II, Division 4, Chapter 5, require employers to agree not to unlawfully discriminate against any employee or Applicant because of race, religion, color, national origin, ancestry, physical handicap, medical condition, marital status, sex, or age. A statement of compliance with this clause is included in all South Coast AQMD Agreements for the Program.

COMPLIANCE WITH APPLICABLE LAWS

Applicants must comply with all federal, state, and local laws, ordinances, codes and regulations. If the application is selected for a funding award, all equipment to be purchased or installed must be compliant with all applicable federal, state, and local air quality rules and regulations, and will maintain compliance for the full Agreement term.

Applicants that receive rebates on vehicle chargers must be aware of the following legal requirements:

- Davis-Bacon and Related Acts (DBRA) is a collection of labor standards provisions administered by the Department of Labor that are applicable to grants involving construction. Under DBRA, all contractors and subcontractors performing construction must be paid no less than the locally prevailing wage and fringe benefits for corresponding work on similar projects in the area. Weekly certified payrolls must be submitted to South Coast AQMD and maintained for no less than three years after work completion. By executing an Agreement under INVEST CLEAN, the selected applicant acknowledges and agrees to the terms provided in the DBRA Requirements for Contractors and Subcontractors Under EPA Grants: https://www.epa.gov/system/files/documents/2023-10/dbra_requirements_for_contractors_and_subcontractors_under_epa_grants.pdf

- Endangered Species Act (16 U.S.C. §1531 et seq.): The Endangered Species Act requires a biological assessment to determine if any endangered or threatened species, or their critical habitat, could be adversely affected by the proposed construction activities. The assessment must be completed within 180 days after the date it was initiated and must be completed prior to any contract for construction and before any construction has begun. The assessment process is outlined as follows:
  - A desktop review to identify species and habitats in the vicinity of the construction site using the U.S. Fish and Wildlife Service's (USFWS) IPaC tool: https://ipac.ecosphere.fws.gov/
  - If species or habitats are potentially impacted, a consultation with the USFWS may be required
  - Avoidance and Mitigation measures such as protective buffers, erosion control, and other Best Management Practices (BMP) may be proposed.
  - The USFWS must agree with the assessment and resolution before the project can commence.
  - Information on the Endangered Species Act: https://www.epa.gov/laws-regulations/summary-endangered-species-act
  - Procedures explained in 50 CFR Part 402: 50 CFR Part 402 -- Interagency Cooperation—Endangered Species Act of 1973, as Amended

- National Historic Preservation Act (16 U.S.C. §470 et seq.): This Act requires a review of potential adverse effects of federally funded activities on historic properties listed or eligible for listing on the National Register. This review should be completed prior to applying for permits. For more details see: https://www.nps.gov/subjects/archeology/national-historic-preservation-act.htm
  - Selected applicants under this Program Announcement are to provide South Coast AQMD with documentation demonstrating compliance with the National Historic Preservation Act (16 U.S.C. §470 et seq.) A mapping tool such as the link below from the U.S. Department of the Interior can be utilized to determine whether the construction site impacts a registered national historical property: https://www.nps.gov/orgs/1094/nrhp_spatialdata.htm
  - The applicant must work with the EPA on any required consultation process with the State or Tribal Historic Preservation Office prior to commencing the project to ensure compliance with section 106 of the NHPA.
    - For possible exemptions, please see: Section "IV. Test Exemption" on the bottom on page 662303: https://www.achp.gov/sites/default/files/exemptions/2022-11/Exemption%20for%20Electric%20Vehicle%20Supply%20Equipment%2010.26.22.pdf

- Archeological and Historic Preservation Act (54 U.S.C. §§ 312501-312508): Similar to the National Historic Preservation Act, this Act applies to federally funded activities. It requires historic and archeological objects and materials to be saved that would otherwise be destroyed as a result of the activity.
  - For more details see: https://uscode.house.gov/view.xhtml?req=granuleid%3AUSC-prelim-title54-chapter3125&edition=prelim
  - Selected applicants under this Program Announcement are to report to South Coast AQMD and the EPA any historical or archeological objects and materials found in the process of construction.

- Farmland Protection Policy Act (7 U.S.C. §4201 et. seq.): The purpose of this Act is to minimize or prevent the irreversible conversion of farmland to non-agricultural uses. This act would require identification of the effects federally funded activities may have on farmlands and to consider alternative options.
  - For more details see: https://www.nrcs.usda.gov/conservation-basics/natural-resource-concerns/land/cropland/farmland-protection-policy-act
  - Applicants selected under this Program Announcement must demonstrate adherence to the Farmland Preservation Policy Act (7 U.S.C. §4201 et. Seq.): https://www.nrcs.usda.gov/conservation-basics/natural-resource-concerns/land/evaluation-and-assessment

- Coastal Zone Management Act (16 U.S.C. § 1451 et. seq.): This act requires the review of federally funded activities to determine if the goal of the Act is being met: "preserve, protect, develop and where possible, to restore or enhance the resources of the nation's coastal zone."
  - For more details see: https://coast.noaa.gov/czm/act/

- Applicants selected under this Program Announcement may need to consult with the California Coastal Commission to ensure that the applicant's project will be consistent with the state's coastal zone management plan.
- Map of California Coastal Zone: https://www.coastal.ca.gov/maps/
- Information about obtaining a permit: https://www.coastal.ca.gov/enforcement/cdp_pamphlet.pdf

- Reporting Waste, Fraud and Abuse (2 CFR 200.113): Consistent with Federal requirements, applicants must promptly report in writing whenever there is credible evidence of the commission of a violation of federal criminal law involving fraud, conflict of interest, bribery, or gratuity violations per the requirements outlined in EPA's General Terms and Conditions, Paragraph 51, which can be found at: https://www.epa.gov/system/files/documents/2024-10/fy_2025_epa_general_terms_and_conditions_effective_october_1_2024_or_later.pdf

CONFLICT OF INTEREST

Applicant must address any potential conflicts of interest with other clients affected by actions performed by the firm on behalf of South Coast AQMD. Although the Applicant will not be automatically disqualified by reason of work performed for such firms, the South Coast AQMD reserves the right to consider the nature and extent of such work in evaluating the application. Conflicts of interest will be screened on a case-by-case basis by the South Coast AQMD General Counsel's Office. Conflict of interest provisions of the state law, including the Political Reform Act, may apply to work performed pursuant to this program.

COMPLIANCE WITH LABOR LAWS

If an application is deemed eligible, the Applicant will be required to disclose any labor violations that have occurred within the last three years to be further considered for an award. If awarded, the recipient will be required to notify South Coast AQMD in writing if they have been found by a court or federal or state agency to have violated labor laws. The recipient will complete a yearly certification in which they will either state that they have not been found by a court or federal or state agency to have violated labor laws or, if such violations have been found, the recipient will give South Coast AQMD details about those violations in the certification. If the recipient has previously provided this information to the South Coast AQMD, they will be required to reattach that previous notification to the certification and provide any additional details about those violations that have not previously been provided. The recipient's yearly certification will be due at the same time as the annual progress reports. South Coast AQMD reserves the right to terminate the Agreement with a recipient that has been found to have violated labor laws, and the recipient may be required to return any and all funds, as determined by South Coast AQMD. The recipient will also ensure that these requirements are included in all downstream partnerships.

ECONOMIC SANCTIONS (RUSSIA/UKRAINE)

On March 4, 2022, Governor Gavin Newsom issued Executive Oder N-6-22 (EO) regarding sanctions in response to Russian aggression in Ukraine. Applicants who are considered eligible for funds under this PA and received executed contracts from South Coast AQMD, are obligated to comply with existing economic sanctions imposed by the U.S. government in response to Russia's actions in Ukraine.

DEFINITIONS

1. Agreement Term
   Agreement term is the duration for which the Agreement is valid. It encompasses both the project completion and project implementation periods:

   i. Project completion period is the first part of the Agreement term starting from the date of Agreement execution by both parties to the date the project post-inspection confirms that the project has become operational.

   ii. Project implementation period is the second part of the Agreement term which begins when the replacement vehicle is deployed. The project implementation period ends when the operational period is completed..

2. Project
   A project is a single vehicle scrap and replacement combination under ELECTRIC. A applicant may apply for multiple projects in a single application.

3. South Coast AQMD Jurisdiction
   The South Coast AQMD is the air pollution control agency for all of Orange County and the urban portions of Los Angeles, Riverside and San Bernardino counties. Within Riverside County, the South Coast AQMD also has jurisdiction over the Salton Sea Air Basin and a portion of the Mojave Desert Air Basin. This area of 10,743 square miles is home to approximately 17 million people–about half the population of the state of California. It is the second most populated urban area in the United States and one of the smoggiest. Visit http://www.aqmd.gov/nav/about/jurisdiction for more information.

4. Vehicle Weight Class 6 and 7
   Class 6 vehicles (Gross vehicle weight of 19,501 to 26,000 lb.)
   Class 7 vehicles (Gross vehicle weight of 16,001 to 33,000 lb.)

5. Goods Movement
   "Goods" are defined as having the same meaning in Commercial Code section 2105, which essentially requires that: The goods must be movable; and the goods being moved must be part of a transaction that involves a contract for the sale of the goods.

Questions regarding the content or intent of this PA, procedural matters, sample agreement, and the compliance plan worksheet can be found at the South Coast ELECTRIC website (http://www.aqmd.gov/electric), or can be addressed to:

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ATTACHMENT A – PROJECT INFORMATION FORM

Please be prepared to provide the following information as prompted by the ELECTRIC GMS.

APPLICANT INFORMATION

Applicant Name
Business Address
City, State and Zip
Phone
Contact Name
Title
E-mail Address

FLEET INFORMATION

What is your current fleet size?
Is your company registered in TRUCRS
Provide TRUCRS ID (enter NA if not applicable)

VEHICLE DESCRIPTION

Existing Vehicle Information: • VIN • Vehicle Make • Vehicle Model • Vehicle Model year • GVWR • License plate • CHP CA Number • Primary Yard address • Compliance Documents for Regulations vehicle is subject to
Existing Engine Information: • Engine Fuel Type • Engine Make • Engine Model • Engine Model Year • Engine Serial Number • Engine Family Number • CARB Certification Engine Executive Order Number

Operational Information • Percent Operation in South Coast Air Basin • Projected Future Percent Operation in South Coast Air Basin • Projected Future Annual Mileage • Current Odometer Reading
Replacement Vehicle/Engine Information • Replacement Vehicle Make • Replacement Vehicle Model • Replacement Vehicle Model Year • Replacement Vehicle GVWR • Primary Yard Address • CARB Vehicle Certification Executive Order Number • Odometer Reading of Replacement Vehicle

CHARGING EQUIPMENT DESCRIPTION

Charger Make and Model
Charger Power Level (kW)
Total # of Chargers (must be less than or equal to the Total # of Vehicles in the application
Vendor Information: • Vendor Name • Vendor Contact Name • Vendor Phone Number • Vendor Address

PROJECT COST BREAKDOWN

Replacement Vehicle Cost (Including Tax)
Charger Cost (each)
Vendor Information (for both Vehicle and Charger if applicable): • Vendor Name • Vendor Contact Name • Vendor Phone Number • Vendor Address

APPLICATION FUNDING SUMMARY

Total Amount requested from SCAQMD for all projects in this Equipment Category (Class 6/7 Goods Movement Vehicles)
Total Amount to be paid by Applicant for all projects in this Equipment Category (Class 6/7 Goods Movement Vehicles)
Funding From other Sources: • Name of Funding Entity • Funding Amount

Total Cost of all replacement vehicles (Class 6/7 Battery Electric Goods Movement Vehicles)
Total Cost of all chargers

REQUIRED ATTACHMENTS:

- Compliance documentation for entire fleet for all applicable regulations
- Vehicle Title for vehicle to be retired
- Photo of VIN label
- Photo of GVWR label
- Photo of Engine Emission Control Label
- Photo of Engine Info/Serial Number Tag
- ARB Certification Engine Executive Order for Retiring Engine
- Photo of Current Odometer Reading
- Insurance for the past 12 months
- Registration for the past 12 months
- Odometer/Operational/GPS Records for past 12 months
- New Vehicle Quote (Within 90 Days)
- CARB Certification Engine Executive Order for Replacement Engine
- Business Information Request (BIR)
- Campaign Contribution Disclosure
- Business Status Certification
- W-9 Request for Taxpayer Identification Number and Certification
- Direct Deposit Form
- 590 Withholding Exemption Certificate
- Certificate Regarding Debarment, Suspension, and Other Responsibility Matters
- Labor Law Compliance form