



MOBILE SOURCE AIR POLLUTION REDUCTION REVIEW COMMITTEE (MSRC) MEETING AGENDA

Thursday, June 20, 2024 at 2:00 p.m.

A meeting of the MSRC will be held at 2:00 p.m. on Thursday, June 20, 2024 through a hybrid format of in-person attendance in Conference Room CC-8 at the South Coast AQMD Headquarters, 21865 Copley Drive, Diamond Bar, California, and remote attendance via videoconferencing and by telephone. Please follow instructions below to attend the meeting remotely.

OTHER LOCATIONS

South Bay Cities
Council of Governments
2355 Crenshaw Blvd, Ste. 125
Torrance, CA 90501

LA County MTA
One Gateway Plaza, 22nd Floor
Pasadena Conference Room
Los Angeles, CA 90012

Hemet City Hall
City Council Office
445 E. Florida Ave.
Hemet, CA 92543

Please refer to the MSRC's website, www.cleantransportationfunding.org, for information regarding the format of the meeting, updates if the meeting format is changed to full remote via webcast format, and details on how to participate.

INSTRUCTIONS FOR ELECTRONIC PARTICIPATION AT BOTTOM OF AGENDA

Join Zoom Webinar Meeting – from PC or Laptop

<https://scagmd.zoom.us/j/96680138143>

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

PUBLIC COMMENT WILL STILL BE TAKEN

MSRC Committee Members

MSRC Chair

Larry McCallon
Member, Board of Directors, SBCTA
Representing San Bernardino County Transportation Authority
Alternate: John Dutrey, Board of Directors, SBCTA

MSRC Vice-Chair

Brian Berkson
Commissioner, RCTC
Representing Riverside County Transportation Commission
Alternate: Vacant

Patrick Harper
Member, Board of Directors, OCTA
Representing Orange County Transportation Authority
Alternate: Vacant

William (Bill) Robertson
Member, CARB Staff
Representing California Air Resources Board
Alternate: Peter Christensen, CARB Staff

Curt Hagman
Member, SCAQMD Governing Board
Representing South Coast Air Quality Management District
Alternate: Vacant

Linda Krupa
Commissioner, RCTC
Representing Regional Rideshare Agency
Alternate: Vacant

Steve Veres
Member, LACCD Board of Trustees
Representing Los Angeles County MTA
Alternate: Rena Lum, MTA Staff

Mark Henderson
Member, SCAG Regional Council
Representing Southern California Association of Governments
Alternate: Cindy Allen, SCAG Regional Council

*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 comment on an agenda item or during the public comment period, please "raise your hand" on Zoom or dial *9 on your phone. All agendas for regular meetings are posted at District 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 each.*

CALL TO ORDER

- Roll Call

Opening Comments: Larry McCallon, MSRC Chair
Other MSRC Members

CONSENT CALENDAR (Items 1 through 7)

Receive and Approve

1. Minutes of the January 18, 2024 MSRC meeting. Eaton

2. Summary of Final Reports by MSRC Contractors Gorski
 - San Bernardino County Transportation Authority – San Bernardino Line Discount Program, Contract #MS18065
 - 4Gen Logistics – Purchase of Forty (40) Volvo VNR Electric Trucks, Contract #MS21013

Information Only – Receive and File

3. MSRC Contracts Administrator’s Report Ravenstein

This report covers key issues addressed by MSRC staff, status of open contracts, and administrative scope changes from April 25 through May 29, 2024.

4. Financial Report on AB 2766 Discretionary Fund Sandoval
 - Financial Report for May 2024.
 - Results of the 15th Biennial AB 2766 Audit Covering FYs 2019-20 and 2020-21

FYs 2014-16 WORK PROGRAM

5. Consider Four-Month Term Extension by City of San Fernando, Contract #ML16075 (\$354,000 – Install Class I Bikeway) Ravenstein

The City requests a four-month term extension because discrepancies in elevations necessitated plan revisions and heavy rains further delayed the project. This contract has previously been extended by five years and six months. The MSRC Contracts Administrator recommends approval. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL.**

CONSENT CALENDAR (Items 1 through 7 cont'd)

FYs 2016-18 WORK PROGRAM

- 6. Consider Three-Month Term Extension by City of San Dimas, Contract #ML18148 (\$50,000 – Implement Bicycle Detection Measures) Ravenstein

The City requested a six-month contract term extension due to the need to install additional conduit. Because the request was not received in sufficient time prior to the termination date, a three-month contract term extension was processed administratively in order to allow sufficient time for the MSRC to consider the remainder of the request. Therefore, an additional three-month contract term extension would fulfill the City’s request. This contract had previously been extended by one year. The MSRC Contracts Administrator recommends approval. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL.**

- 7. Consider Two-Year Term Extension by City of Rancho Cucamonga, Contract #ML18051 (\$91,500 – Procure Six Light-Duty ZEVs and Install EV Charging Infrastructure) Ravenstein

In April 2024, the MSRC approved modifications to the City’s contract including substituting the installation of some publicly accessible Level III stations for Level II stations. This project is part of the FYs 2016-18 Local Government Partnership Program, which has a five-year operational requirement for Level III stations. This item would extend the term of Contract #ML18051 by two years only to cover the longer requirement; there would be no change to the required in-service date. The MSRC Contracts Administrator recommends approval. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL.**

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ACTION CALENDAR (Items 8 and 9)

FYs 2018-21 WORK PROGRAM

8. Consider Modified Scope and Reallocation of Funding Between Projects by Southern California Association of Governments (SCAG), Contract #MS21005 (\$16,751,000 – Implement Last Mile Freight Program)

Ravenstein

At their April 2024 meeting, the MSRC approved reserving \$1,417,043 from withdrawn and discontinued projects for a reallocation request to be brought forward by SCAG at a future meeting, with the condition that SCAG submit such request by April 22, 2024. SCAG submitted a request by the deadline and recommends that this \$1,417,043 be reallocated to New Bern Transport Corporation. With this additional funding, New Bern would expand their existing project in Buena Park, procuring an additional 10 Tesla Class 8 zero-emission tractors.

Additionally, Project Participant Zeem Solutions has not been able to secure the specified Santa Ana site. Zeem now seeks to include their Long Beach depot instead of the Santa Ana site.

Currently, regarding Zeem, SCAG’s contract specifies:

- 72 zero-emission electric vehicles;
- 1 mobile charger covering two Inglewood sites; and
- 23 fast-chargers and 12 Level 2 chargers in Santa Ana.

SCAG requests to modify its contract for the Zeem project as follows:

- 42 zero-emission electric vehicles; and
- 42 dual port fast chargers in Long Beach.

Zeem also seeks to expand the vehicle manufacturers deemed eligible to include all HVIP-eligible zero emission Class 4 and higher trucks. SCAG requests approval of this modified scope. The MSRC Contracts Administrator recommends approval of the reallocation to New Bern. With respect to the Zeem project, the Contracts Administrator recommends one of two approaches depending upon the degree to which the MSRC intended to empower SCAG to implement the program on the MSRC’s behalf: 1) if the intent was to provide SCAG a greater degree of discretion, then approve the request provided that program requirements are met; or 2) if the intent was for the MSRC to exercise stricter oversight, then reject the change as currently requested.

THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL OF THE REALLOCATION RE NEW BERN BUT ADHERE TO THE APPROVED LAST MILE FREIGHT PROGRAM GUIDELINES IN REGARD TO THE ZEEM PROJECT MODIFICATION.

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ACTION CALENDAR (Items 8 and 9 cont'd)

FYs 2024-27 WORK PROGRAM

- 9. FYs 24-27 Work Program Development Update Gorski
 The MSRC has directed that the MSRC-TAC and MSRC staff begin development of the FYs 24-27 Work Program. The MSRC-TAC will begin discussion of the Work Program development process and may discuss potential project categories and options for structuring subcommittees to develop proposed Work Program elements. **THE MSRC HAS DIRECTED THAT THE MSRC-TAC AND MSRC STAFF BEGIN DEVELOPMENT OF THE FYS 24-27 WORK PROGRAM. THIS ITEM WILL PROVIDE A BRIEF UPDATE ON THE PROGRESS TO DATE.**

OTHER BUSINESS

**Any member of the committee, 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)* McCallon

PUBLIC COMMENT PERIOD - (Public Comment on Non-Agenda Items, Pursuant to Government Code Section 54954.3)

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.

ADJOURNMENT

NEXT MEETING: Date: August 15, 2024, 2:00 PM, Location: South Coast AQMD Headquarters, Conference Room CC-8

Americans with Disabilities Act and Language Accessibility

Disability and language-related accommodations can be requested to allow participation in the MSRC 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 District. Please contact Ms. Marjorie Eaton at (909) 396-3036 from 7:00 a.m. to 5:30 p.m., Tuesday through Friday, or send the request to meaton@aqmd.gov.

Pursuant to SB 343

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 Marjorie Eaton at (909) 396-3036 or send the request to meaton@aqmd.gov

Contacts:

Cynthia Ravenstein, MSRC Contracts Administrator - (909) 396-3269

Ray Gorski, MSRC Technical Advisor – (909) 396-2479

Marjorie Eaton, MSRC Administrative Liaison – (909) 396-3036

***** Visit Our Website At: www.cleantransportationfunding.org *****

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.

A countdown timer may 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.

AGENDA ITEM # 1

Minutes of the March 21, 2024 MSRC Meeting



**MOBILE SOURCE AIR POLLUTION REDUCTION REVIEW COMMITTEE
THURSDAY, JANUARY 18, 2024 MEETING MINUTES
21865 Copley Drive, Diamond, Bar, CA 91765**

MEMBERS PRESENT:

(Chair) Larry McCallon, representing San Bernardino County Transportation Authority (SBCTA)
(Vice-Chair) Brian Berkson, representing Riverside County Transportation Commission (RCTC)
Curt Hagman, representing South Coast AQMD
Patrick Harper, representing Orange County Transportation Authority (OCTA)
Rena Lum (Alt.), representing Los Angeles County Metropolitan Transportation Authority (Metro)
Peter Christensen (Alt.), representing California Air Resources Board (CARB)

MEMBERS ABSENT:

Mark Henderson representing SCAG
William Robertson, representing CARB
Cindy Allen (Alt.), representing SCAG
Steve Veres, representing Metro
Katrina Foley (Alt.), representing OCTA
Linda Krupa (Alt.), representing RCTC
John Dutrey (Alt.), representing SBCTA

MSRC-TAC MEMBERS PRESENT:

Steven Lee, representing Metro
Rongsheng Luo, representing SCAG
Kelly Lynn, representing SBCTA
Minh Le, representing County of Los Angeles
Adriann Cardoso, representing OCTA

OTHERS PRESENT:

Avinash Chung
Chris Yu
Edwin Harte, So Cal Gas
Lauren Dunlap
Louis Zhao, OCTA

Mike Martinez
Owen Frazier, TRC Companies
Paul Lin
Sam Emmersen, Better World Group
Samira R, So Cal Gas
SBCCOG
Valerie Rivera
Jack Symington, LACI
Jereas Musharbash, Airport Mobil Towing

SOUTH COAST AQMD STAFF & CONTRACTORS PRESENT:

Anish Pathak, Financial Analyst
Cynthia Ravenstein, MSRC Contracts Administrator
Daniel Penoyer, Air Quality Specialist
Daphne Hsu, Principal Deputy District Counsel
Debra Ashby, Sr. Public Affairs Specialist
Donna Vernon, Administrative Assistant
Karen Sandoval, Financial Analyst
Kristin Remy, Sr. Administrative Assistant
Lane Garcia, Program Supervisor
Laurence Brown, Air Quality Specialist
Marjorie Eaton, Administrative Assistant
Matt Mackenzie, MSRC Contracts Assistant
Michael Miller, Board Member Assistant
Paul Wright, Sr. Information Technology Specialist
Ray Gorski, MSRC Technical Advisor-Contractor
Sindy Enriquez, MSRC Contracts Assistant
Walter Shen, Planning & Rules Manager

CALL TO ORDER

- Chair McCallon called the meeting to order at 2:00 p.m.
- Roll call was taken at the start of the meeting.
- Chair McCallon asked the committee for any opening comments.

No opening comments.

- Chair McCallon asked for disclosures.

Item #3 – MSRC Member Curt Hagman said he does not have a financial interest, but is required to identify for the record that he is a member of the Board of Directors for Omnitrans, which is involved in this item.

Items #9 and 10 – MSRC Member Curt Hagman said he does not have a financial interest, but is required to identify for the record that he is a member of the Governing Board for the South Coast AQMD, which is involved in this item.

Item #3 – MSRC Chair Larry McCallon said he does not have a financial interest, but is required to identify for the record that he is a member of the Board of Directors for Omnitrans, which is involved in this item.

Items #9 and 10 – MSRC Chair Larry McCallon said he does not have a financial interest, but is required to identify for the record that he is a member of the Governing Board for the South Coast AQMD, which is involved in this item.

Item #9 – MSRC Alternate Member Rena Lum said she does not have a financial interest, but is to identify for the record that she is an employee for the Los Angeles County Metropolitan Transportation Authority, which is involved in this item.

- Chair McCallon asked for public comment on the Consent Calendar.

No public comment.

CONSENT ITEMS (Items 1 through 9):

Information Only – Receive and Approve

1. Minutes of October 9, 2023 MSRC Meeting

Moved by Hagman; seconded by Harper; under approval of Consent Calendar Items #1-8, item unanimously approved.

Ayes: Hagman, Harper, Lum, Christensen, Berkson, McCallon

Noes: None

Action: Staff will include the minutes of the October 9, 2023 MSRC Meeting in the MSRC Committee Report for the February 2, 2024 South Coast AQMD Board meeting.

2. Consider Adoption of 2024 Meeting Schedules

Moved by Hagman; seconded by Harper; under approval of Consent Calendar Items #1-8, item unanimously approved.

Ayes: Hagman, Harper, Lum, Christensen, Berkson, McCallon

Noes: None

Action: No further action is required.

3. Summary of Final Reports by MSRC Contractors

- Omnitrans, Contract #MS18180 (\$83,000 - Maintenance Facility Improvements)
- Costco Wholesale Corp., Contract #MS21025 (\$160,000 - Install Five EV Charging Units)

Moved by Hagman; seconded by Harper; under approval of Consent Calendar Items #1-8, item unanimously approved.

Ayes: Hagman, Harper, Lum, Christensen, Berkson, McCallon

Noes: None

Action: No further action is required.

Information Only – Receive and File

4. MSRC Contracts Administrator's Report

The MSRC AB 2766 Contracts Administrator's Report for September 28, 2023 through January 3, 2024 was included in the agenda package.

Moved by Hagman; seconded by Harper; under approval of Consent Calendar Items #1-8, item unanimously approved.

Ayes: Hagman, Harper, Lum, Christensen, Berkson, McCallon

Noes: None

Action: Staff will include the MSRC Contracts Administrator's Report in the

MSRC Committee Report for the February 2, 2024 South Coast AQMD Board meeting.

5. Financial Report on AB 2766 Discretionary Fund

A financial report on the AB 2766 Discretionary Fund for December 2023 was included in the agenda package.

Moved by Hagman; seconded by Harper; under approval of Consent Calendar Items #1-8, item unanimously approved.

Ayes: Hagman, Harper, Lum, Christensen, Berkson, McCallon

Noes: None

Action: No further action is required.

6. Report on Outreach Activities

Summary of outreach, communications and policy activities undertaken by the Better World Group on behalf of MSRC for Fall 2023.

Moved by Hagman; seconded by Harper; under approval of Consent Calendar Items #1-8, item unanimously approved.

Ayes: Hagman, Harper, Lum, Christensen, Berkson, McCallon

Noes: None

Action: No further action is required.

For Approval – As Recommended

7. Consider Nine-Month Term Extension by City of Gardena (GTrans), Contract #MS8027 (\$365,000 - Install New Limited Access CNG Station, Modify Maintenance Facility & Train Mechanics)

GTrans requests approval of a nine-month term extension due to longer than anticipated time for delivery of electrical switchgear box and subsequent delays with permits and inspections. This contract was previously extended a total of 28 months.

Moved by Hagman; seconded by Harper; under approval of Consent Calendar Items #1-8, item unanimously approved.

Ayes: Hagman, Harper, Lum, Christensen, Berkson, McCallon

Noes: None

Action: MSRC staff will amend the above contract accordingly.

8. Consider 18-Month Term Extension by MHX, LLC, Agreement #MS21010 (\$569,275 - Deploy One Zero Emission Overhead Crane)

MHX requests an 18-month term extension due to supply chain challenges. This agreement has not previously been extended.

Moved by Hagman; seconded by Harper; under approval of Consent Calendar Items #1-8, item unanimously approved.

Ayes: Hagman, Harper, Lum, Christensen, Berkson, McCallon

Noes: None

Action: MSRC staff will amend the above contract accordingly.

ACTION ITEMS (Items 9 through 10):

9. Consider a Cooperative Agreement with Los Angeles County Metropolitan Transportation Authority (Metro) to Pursue Funding Opportunities and Proposals for a Los Angeles County Heavy-Duty Truck Electrified and Alternative Fuel Transportation System

Ray Gorski, MSRC Technical Advisor, said this item is to enter into a cooperative agreement with Metro to establish a framework for MSRC and Metro to pursue joint opportunities in the future. This could include partnering to develop and co-fund a joint Request for Proposals (RFP) or to pursue outside funding opportunities including co-funding MSRC projects.

Metro has recommitted \$50 million for an I-710 Clean Truck Program. Metro's CEO has issued direction to collaborate with local and regional stakeholders to develop programs to deploy zero-emission trucks in the I-710 corridor as soon as possible. This presents a great opportunity because the MSRC's interest in the development of publicly accessible zero-emission infrastructure is directly aligned with Metro's commitment to have zero-emission trucks deployed along the I-710.

The cooperative agreement has been fully vetted through both the South Coast AQMD legal office as well as the Los Angeles County Counsel. The MSRC-TAC recommends MSRC approve the cooperative agreement.

Chair McCallon asked if the agreement commits the MSRC to a certain amount of funds. Mr. Gorski answered that it does not. The MSRC has unallocated discretionary resources and we feel that there is a potential opportunity to partner and jointly co-fund projects which mutually benefit both parties.

Chair McCallon asked if third parties will be involved. Mr. Gorski answered absolutely third parties will be involved. The types of projects that both entities are

interested in pursuing are those which place zero emission infrastructure along the I-710 corridor to support goods movement between the maritime ports and the Inland Empire. This would include participation with infrastructure developers, site owners and potentially trucking firms which will utilize the charging infrastructure.

MSRC Member Patrick Harper asked why do we need an agreement and can we do this without an agreement? Mr. Gorski answered that the agreement is necessary for Metro to legally transfer money to the South Coast AQMD on behalf of the MSRC.

Mr. Harper asked why does the money need to be transferred from LA Metro to us? Mr. Gorski answered that, for example, the MSRC will take the responsibility for administering any programs which come out of that RFP and would utilize funding from both agencies.

Chair McCallon asked for public comments on this item.

No comments.

Moved by Hagman for the MSRC to approve and execute a joint cooperative agreement with Metro to pursue projects of mutual benefit; seconded by Berkson; item unanimously approved.

Ayes: Hagman, Harper, Lum, Christensen, Berkson, McCallon

Noes: None

Action: MSRC staff will place the cooperative agreement on the February 2, 2024 South Coast AQMD Board agenda for approval

10. Consider Partnering with Respondents to MSRC RFI 2023-01, Publicly Accessible Goods Movement Zero-Emission Infrastructure, in seeking funding under the South Coast AQMD Carl Moyer Program Announcement PA2024-02, Zero-Emission Infrastructure Program

Ray Gorski, MSRC Technical Advisor, presented that in December 2023, South Coast AQMD released a Carl Moyer Program Announcement for the construction of zero-emission infrastructure. This program to support the development of electric charging and hydrogen refueling to support medium and heavy duty zero emission vehicles has a value of up to \$200 million. This funding flows from the California Air Resources Board to the South Coast AQMD. This solicitation has a closing date of February 6, 2024. Today's action is requested because of the timeliness of this program opportunity which is offered by the South Coast AQMD.

This is a good opportunity for the MSRC to work with the South Coast AQMD to fund projects which were submitted to the MSRC under MSRC's publicly accessible

zero-emission infrastructure RFI. This would allow the MSRC to leverage the amount of discretionary funds and expand the number of projects under this RFI.

The MSRC did not meet in December, but the MSRC-TAC met. There was a vetting process for the RFI respondents to determine which projects should move forward for Carl Moyer consideration. The MSRC-TAC authorized staff to look at all the projects that were currently unfunded by the MSRC that were deemed near shovel-ready and conformed with the guidelines of the Carl Moyer program to negotiate a potential MSRC co-funding amount with that project respondent and seek approval from the MSRC-TAC. The MSRC-TAC recommends approval of the recommendations that were put forth to them.

MSRC Member Hagman stated that he understands what was done, but a special meeting could have been called. When looking for policy direction from a board, at least that should be brought up. It deserved a phone call to the Chair and ask if you want to hold a special meeting. We can ratify this action and take approval on it, but it is still a policy; it should take policy direction to move forward.

Ray Gorski answered that in the spirit of disclosure, what happened was there was an MSRC meeting scheduled, and it was canceled. There was the intent to bring this to you.

Under this process, there are three RFI responses which were both compatible with the requirements of the South Coast AQMD Carl Moyer program and were also entities which approached the MSRC for potential partnering on a joint program. The three respondents are Southern California Gas Company, Penske Truck Rental and Pilot Company/Flying J.

Southern California Gas Company is proposing to develop a hydrogen refueling station in Pico Rivera which would support heavy duty zero emission trucks. This would be co-located with an existing So Cal Gas renewable natural gas refueling facility. The final design is looking to produce 1,200 kg per day of refueling capacity and up to 48 hours of storage capacity.

Penske Truck Rental has proposed to develop 20 sites with a total of 114 DC fast-chargers. There is a broad-based geographic distribution through the South Coast AQMD region. The chargers are dual port, and the project will also include solar, electricity generation and energy storage using outside batteries.

MSRC Member Hagman asked if Penske has an electric truck fleet. Mr. Gorski answered that Penske is one of the larger fleets to deploy electric vehicles.

Chair McCallon asked if these chargers will be publicly accessible or just to Penske trucks. Mr. Gorski answered these are going to be accessible under a business model which will allow all the trucks which are leased through the Penske organization to charge anywhere throughout their entire charging network. Not unique to Penske, it will not be open 24 hours, 7 days a week to any truck. The different business models that are being looked at for doing zero emission truck charging usually have some restriction, due to liability concerns or access. Many do require having an agreement with the entity which owns that infrastructure.

Pilot/Flying J is a hydrogen station proposed for construction in Rialto along the I-210 corridor. This will be co-located with the Pilot Travel Center which is currently under construction. This has proximity to major distribution centers within a 1.5-mile radius. This will be available to the public but is more conducive to trucking since it is at a truck stop.

Chair McCallon commented that we need the ability to fuel cars too.

MSRC Vice-Chair Brian Berkson commented that he has a Flying J in his city and they segregate the truck area from the passenger vehicle area. He doesn't see anyone with a car fueling up at the Flying J.

Mr. Gorski responded that he could put together some information that shows what the hydrogen refueling availability is like for light duty passenger vehicles within the South Coast AQMD region.

Mr. Berkson asked if the MSRC could add a caveat which would require Pilot/Flying J, if approved, to provide a pump for passenger cars as well.

Mr. Gorski answered that the MSRC has the discretion to request anything they like. However, this solicitation is for goods movement trucks. They responded to the MSRC's RFI which focused on Class 8 tractors.

MSRC Member Patrick Harper commented that in the staff report it says the site is ideally located to address the fueling needs of large fleets, owner operators and everyday commuters.

Chair McCallon asked that we clarify and inquire about refueling passenger vehicles. We need something in that area to refuel hydrogen cars.

Ray Gorski continued with the funding requests for the three projects. He explained that in comparison to the funding requests that were in their original responses to MSRC's solicitation, the amounts now requested are 50% of those values. If you are able to leverage the MSRC funding with another color of money, it will allow you to

only spend half of what you would have under your own RFI.

The requests are as follows: Southern California Gas Company is requesting \$6 million to co-fund the hydrogen refueling station in Pico Rivera, Penske Truck Rental is requesting \$17.98 million to co-fund the construction of 20 electric vehicle charging facilities, and Pilot/Flying J is requesting \$3 million to implement the hydrogen station they are proposing for their travel center in Rialto. The MSRC funding contribution will be leveraged by at least 75%.

Mr. Gorski states that they have very detailed breakdown of costs that can be made available upon request. One of the things included in the RFI was for them to discuss the working relationship and the status of working with the power utility companies. In most cases, they are looking to utilize the Charge Ready transport funding which is available if you are in the SCE area, or working with the LADWP if you are in the greater Los Angeles area, or their municipal utility. They are all actively pursuing to ensure that power is available at the site for them to complete these projects.

Mr. Gorski continued his presentation with the status of MSRC zero emission infrastructure RFI-completed actions. The targeted amount the MSRC set aside is \$50 million. More than 376 DC fast chargers and 19 hydrogen refueling dispensers are currently funded by the MSRC under MSRC's Work Program. The total project cost for these projects is \$215 million; the MSRC's investment is \$14.7 million. This illustrates what you have been able to fund for \$14.7 million out of your \$50 million.

MSRC did not do this all on its own. There was a partnership with the California State Transportation Agency, the Port of Los Angeles and Metro to bring \$45 million of additional funding to the table and this does not include the co-funding brought from the project implementers.

There are pending actions you will be asked to consider very soon. MSRC staff is working with the San Pedro Bay Ports to fund additional MSRC sites which would include 244 total charging stations at a total project cost of \$140.5 million. Staff is working with both ports to develop and execute a Memorandum of Understanding allowing funding to flow between the parties. The projects will be administered by the MSRC on behalf of the partnership with the San Pedro Bay Ports. Additional funding from the ports of \$28.5 million. The MSRC investment will be zero; this money which is flowing from the San Pedro Bay Ports to fund programs which are being solicited and implemented by the MSRC.

Today's action is the partnership with the MSRC, project proponents and the South Coast AQMD Carl Moyer program. This lists 22 locations and if are all successful, an additional 228 charging sites and 8 hydrogen refueling stations. Total amount of MSRC funding is \$26.98 million. Total project investment is greater than \$93

million.

Mr. Hagman asked of the \$26 million asking today in this item, is this all MSRC dollars?

[Mr. Gorski misspoke, apparently responding to all the types of funding which would be applied to the projects. \$26.9 million is the MSRC contribution towards the identified projects as stated in the staff report attached to the agenda.] It is going to be a combination of MSRC dollars, co-funding by project proponents and the South Coast AQMD Carl Moyer program.

If the MSRC is 100% successful and each of the three projects for your consideration today are funded by the Carl Moyer program, and the MSRC is able to move forward in developing relationships with the Ports, the total number of project locations will be 40. The number of electric vehicle chargers will be greater than 848. MSRC total funding would be \$41.6 million. Total project investment would be \$450 million.

The recommended steps are as follows: 1) approve the MSRC-TAC recommendation to enter into agreements and partner with Southern California Gas, Penske Truck Rental and Pilot Company/Flying J in pursuit of Carl Moyer funding, 2) complete MOU Partnership with San Pedro Bay Ports which will allow us to fund additional projects and, 3) monitor Carl Moyer award status to see which of those projects has the potential for moving forward.

MSRC Alternate Peter Christensen recommended both on the hydrogen and electric side to leverage our ability to ensure station reliability and minimize downtime because while these stations are great to have, they are no good if they are not operating. He encouraged the team to think about this as they prepare the agreements. His last recommendation is to coordinate, when appropriate, with the California Energy Commission as CARB's sister agency that plans and implements a lot of infrastructure development in California.

Mr. Gorski commented that if CARB has guidance for hydrogen station reliability, we want to work with you to use that as a point of departure for discussions with project proponents.

Chair McCallon asked for public comment on this item.

No public comment.

Moved by Hagman to 1) approve the MSRC-TAC recommendation to enter into agreements and partner with Southern California Gas, Penske Truck Rental and Pilot Company/Flying J in pursuit of Carl Moyer funding 2) complete MOU

Partnership with San Pedro Bay Ports which will allow MSRC to fund additional projects and 3) monitor Carl Moyer award status to see which of those projects has the potential for moving forward; seconded by Berkson, item unanimously approved.

Ayes: Hagman, Harper, Lum, Christensen, Berkson, McCallon

Noes: None

Action: Staff will place the funding allocations on the February 2, 2024 South Coast AQMD Board agenda for approval

OTHER BUSINESS:

11. Other Business

PUBLIC COMMENT PERIOD

Jereas Musharbash of Airport Mobil Towing in Ontario, California. One of the first towing companies to convert all trucks to CNG. Asking for help with the Carl Moyer Program.

Ray Gorski stated that we have South Coast AQMD Technology Advancement Office (TAO) representatives currently participating and we can coordinate with them. Chair McCallon confirmed that TAO will reach out to Mr. Musharbash.

ADJOURNMENT

The meeting adjourned at 2:52 p.m.

NEXT MEETING

Thursday, February 15, 2024 at 2:00 p.m.

[Prepared by Marjorie Eaton]

AGENDA ITEM # 2

Summary of Final Reports by MSRC Contractors



MSRC Agenda Item No. 2

Date: June 20, 2024
From: Ray Gorski, MSRC Technical Advisor
Subject: Final Reports Received and Reviewed

Two (2) Final Reports were submitted for MSRC review and approval:

- San Bernardino County Transportation Authority – San Bernardino Line Discount Program, Contract #MS18065
- 4Gen Logistics – Purchase of Forty (40) Volvo VNR Electric Trucks, Contract #MS21013

A summary of each Final Report is attached. MSRC Staff has reviewed the Final Report and recommends approval.

San Bernardino County Transportation Authority – San Bernardino Line Discount Program

Project Description & Work Performed: The San Bernardino Line (SBL) is a continuous commuter rail line that is part of the Metrolink regional rail system. The line spans across 57.7 route miles from Downtown San Bernardino to Downtown Los Angeles, serving both San Bernardino and Los Angeles County residents. Although the Southern California Regional Rail Authority (SCRRA) operates the Metrolink regional rail system, its operations are funded by both SBCTA and LACMTA.

Funding of operations is split between the two transportation agencies at an approximate 40/60 split based on geographic placement of the line's route miles. Prior to the commencement of the San Bernardino Line Discount Program, the SBL had experienced an average of 11 percent drop in ridership, as well as an excess seating capacity of 68.6 percent during non-peak periods on weekdays and, 74.6 percent on weekends between July and December 2017. In addition to other factors, such as increases in car ownership and low fuel costs, the timing of the drop in ridership correlated with a 2013 fare increase.

Due to the challenge of this decline in ridership along the SBL along with attempts to re-build ridership, the LACMTA Board directed its staff to work with SBCTA and SCRRA to implement a fare discount pilot program to serve as an incentive to both previous and potential new riders to utilize the San Bernardino commuter rail line. Both SBCTA and LACMTA acknowledge the value of funding and implementing a fare discount that is fair and consistent to residents located in both San Bernardino and Los Angeles County. Both agencies requested SCRRA to develop a cost and implementation analysis to determine the funding required from both SBCTA and LACMTA to implement an entire-line discount. The analysis provided by SCRRA included discount scenarios of 25 percent, 20 percent, 15 percent, and 10 percent, respectively. Due to the success of previous and on-going 25 percent fare discount programs implemented on other Metrolink commuter rail lines, both SBCTA and LACMTA recommended the 25 percent fare discount scenario to both agencies' Board of Directors in April 2018. On March 14, 2018, SBCTA received concurrence from its Transit Committee for the 25 percent discount program and development of a work and implementation plan, which was approved by the SBCTA Board of Directors in April 2018.

The San Bernardino Line Discount Program provides riders of the SBL of the Metrolink system with a 25 percent discount across all fare types along the entirety of the corridor, spanning from the Los Angeles Union Station in downtown Los Angeles to the San Bernardino – Downtown station in downtown San Bernardino. The goal of the program was to test the effectiveness of lowering fares to drive overall ridership and revenue, resulting in less street and freeway congestion and improved air quality across the San Bernardino and Los Angeles Counties. SBCTA, LACMTA, and SCRRA identified two advantages to testing out the SBL fare strategy by means of a pilot program:

1. Potential to assess the revenue impact that would be associated with increased ridership on the line, compared to the revenue reduction that would come from the reduced fares.

2. Provides an opportunity to introduce new riders to the system with the combination of lower fares and value-added marketing.

In addition to re-building and maintaining ridership along the SBL, SBCTA, LACMTA, and SCRRA desired to target relief of traffic congestion and Greenhouse Gas emissions as a result of a shift in commuter behavior from automobiles to public transportation.

The program commenced on July 1, 2018, and was originally intended to be a six (6) month pilot following its launch as existing Metrolink fare policy allows for a promotional fare discount for up to 6 months in duration without conducting a public hearing in accordance with Title VI. As such, the program could be extended beyond the pilot period, or made permanent following a public hearing and Board approval. Due to the success of the pilot launch, and in accordance with its fare policy, the SCRRA Board of Directors instructed staff to initiate a public review process to solicit feedback on the potential continuation of reduced fares on the SBL as part of the required Title VI Fare Equity Analysis. Due to the overall positive response from the public, the SCRRA Board approved continuation of the program beyond the initial six month pilot duration at its Board meeting on September 14, 2018, making the 25 percent fare reduction a permanent feature of the Metrolink fare structure for the SBL. The SBL has remained the highest performing Metrolink line over the course of the program, including during the pandemic as well, and has recovered the most pre-pandemic ridership compared to the rest of the Metrolink system. This reduced fare program has allowed the SBL, which serves many disadvantaged communities throughout San Bernardino and Los Angeles Counties, to remain affordable and accessible to the population it serves.

Issues Encountered: SBCTA, in partnership with LACMTA and SCRRA, identified a 4-year plan to implement and fund the San Bernardino Line Fare Discount Pilot Program. The total combined cost of the program was estimated to cost approximately \$7 million dollars, with SBCTA's contribution approximately \$2.81 million dollars. The 4-year funding plan broke down the program costs by year and subsidy requirements by both SBCTA and LACMTA. Based on ridership increases of ongoing similar fare discount pilot programs, such as the Metrolink Antelope Valley Line in Los Angeles County, annual subsidy projections showed a combined operations cost-savings of \$267,669 by fiscal year 2023. In summary, the program was estimated to break-even, and the discount program would "pay for itself" by the 4th quarter of 2023. The table below shows the original funding plan:

Across the Board Fare Reduction 25%

	F Y 1	F Y 2	F Y 2	F Y 2	F Y 2
Pre-Discount Revenue	20,3 90,3 86	20,39 0,386	20,3 90,3 86	20,3 90,3 86	20,3 90,3 86
Post-Discount Revenue	17,6 58,5 92	18,36 4,936	19,0 99,5 33	19,8 63,5 15	20,6 58,0 55
Effect of Discount	(2,73 1,794)	(2,025, 450)	(1,29 0,853)	(526, 871)	267, 669
Program Expenditures	(431, 000)	-	-	-	-
Subsidy Required	3,16 2,79 4	2,025, 450	1,29 0,85 3	526, 871	(267, 669)
Rev. % to Pre-Discount Revenue	87%	90%	94%	97%	101%
Subsidy METRO 60%	1,89 1,98 3	1,211, 624	772, 188	315, 174	(160, 120)
Subsidy SBCTA 40%	1,27 0,81 1	813,8 26	518, 665	211, 697	(107, 550)

The first 8 months of the program saw a significant increase in ridership; the SBL had reached historical highs in ridership with an average increase of approximately 8.7 percent each month. However, the designation of the novel coronavirus (COVID-19) as a pandemic by the World Health Organization and subsequent national, state and local declarations of emergency in March 2020, led to a precipitous decline in ridership in response to health guidelines, which continued beyond initial expectations. With the continued, and likely permanent, prevalence of teleworking as an ongoing form of commuting, overall results of the program have been significantly disrupted as a result of the impact of COVID-19. As such, the program did not reach its goal of breaking even by the end of 2023 as originally anticipated. Efforts to bring back ridership and attract new riders in the post-pandemic environment are still ongoing; full recovery of ridership has been challenging due to the popularity of teleworking, which is likely to remain a permanent part of the working environment moving forward. The implications of this on public transportation is proving to make full recovery challenging.

At this time, the SBL has achieved approximately 50 percent recovery of pre-pandemic ridership. The San Bernardino Line Discount Program has continued to be a large contributor of driving ridership back on its line, making the SBL the highest performing line to-date. The original funding for the program was not fully expended until March 31, 2024, with SBCTA and LACMTA continuing to fund the revenue shortfall until the program reaches its breakeven point, now projected to be another 4 to 5 years from now, given the current trajectory of ridership recovery.

Nevertheless, the funding for this program was essential to making this program a reality, resulting in more affordable access to Metrolink for riders throughout San Bernardino and Los Angeles

Counties throughout the economic challenges brought on by the pandemic.

Emissions Reductions: Over the course of the program, all seven Metrolink stations have seen substantial growth in ridership since the decline in ridership due to the pandemic and are recovering nicely. Current ridership across each station in San Bernardino County ranges from 38 percent to 109 percent of pre-pandemic ridership, with the San Bernardino – Downtown station exceeding pre-pandemic ridership by over 7,000 riders so far this year, and is expected to continue to increase. This is largely due to the launch of the Arrow service, which extends the SBL by an additional 9 miles, connecting the University of Redlands, Redlands – Downtown, and Tippecanoe stations to San Bernardino, with the San Bernardino – Downtown station serving as a transfer point between Arrow and Metrolink. Year-to-date, the Rancho Cucamonga and Fontana Metrolink stations have the highest ridership of approximately 137,300 and 132,000, and have recovered approximately 40 percent and 55 percent of pre-pandemic ridership, respectively. The Rialto Metrolink station has seen the second highest ridership recovery of 59 percent, behind the 109 percent increase of the San Bernardino – Downtown station. These increases are attributed to an influx of student ridership; that of the San Bernardino – Downtown station coincided with significant student ridership increase on the Arrow service, suggesting there was a large transfer of student riders taking place at that station where the two lines connect.

Additional factors driving ridership growth includes the restoration of service and modified timetable to include clock-face arrivals/departures. Total year-to-date ridership on the San Bernardino Line equals 1,381,058. Attachment A provides additional details (also provided the excel spreadsheet via email for easier viewing). As a whole, the San Bernardino Line (including stations within Los Angeles County) shows a 48 percent recovery in pre-pandemic ridership, and has the highest overall ridership of the entire Metrolink system.

In summary, the program has seen 9,783,990 boardings on the San Bernardino Line, thus saving 531,852 car trips and 518,560 gallons of fuel. This resulted in a reduction in vehicle miles traveled (VMT) by 11.9 million and resulted in a reduction of Greenhouse Gas (GHGs) emissions by 4,624 metric tons. This exceeds the original estimate of emissions and car trips savings by 1,141 metric tons and 291,246, respectively. The table below shows the original estimate of savings.

Benefit	Impact
Annual New Ridership	412,716
Car Trips Avoided	240,606
Greenhouse Gas (GHG) Reduction (Metric Tons)	3,483

HURRY! LIMITED TIME OFFER!
25% OFF
SAN BERNARDINO LINE TICKETS

METROLINK.

M Metro sb cta

This advertisement features a background image of a Metrolink train on tracks next to a highway with traffic. A red banner on the left contains the promotional text. The Metrolink logo and agency logos are at the bottom.

HURRY! LIMITED TIME OFFER!
25% OFF
SAN BERNARDINO LINE TICKETS

[Click Here to Receive Two FREE Round-trip Tickets!](#)

METROLINK.

M Metro sb cta

This advertisement is similar to the first one but includes a call to action link. The background image shows a Metrolink train on tracks next to a highway.

4Gen Logistics – Purchase of Forty (40) Volvo VNR Electric Trucks

Project Description & Work Performed: The project entailed the procurement and deployment of forty (40) Class 8 VNRE62T GEN2 Volvo drayage trucks aimed at enhancing sustainability within the goods movement sector. An order was placed in July 2022, with delivery expected between the fourth quarter of 2023 and the first quarter of 2024, subject to OEM production delays.

Additionally, infrastructure development for charging stations commenced in May 2023, with completion originally scheduled for the fourth quarter of 2023 in Rialto. 4Gen Logistics held weekly meetings ensured coordination among stakeholders to facilitate smooth truck delivery

Schedule Issues Encountered: Production delays experienced by the Original Equipment Manufacturer (OEM, Volvo), and delays in construction of charging stations posed challenges to the 4Gen Logistics project implementation timelines.

Despite challenges posed by OEM production delays and construction setbacks, delivery of the Volvo electric Class 8 trucks took place from the fourth quarter of 2023 through the second quarter of 2024.

Permits for the charging stations were obtained, with phase one construction completed in Rialto, and phase one construction underway in Long Beach. Phase one completion is anticipated by the end of the second quarter of 2024.

Outreach & Media Coverage: The deployment of 40 heavy-duty zero-emission drayage trucks resulted in press releases and media coverage by the trucking industry. The following articles highlighted this project as its subject:

<http://www.cleantransportationfunding.org/news/2022/msrc-celebrates-investments-new-ev-trucks-long-beach-port>

<https://www.volvogroup.com/en/news-and-media/news/2022/sep/4-gen-logistics-to-deploy-41-volvo-vnrs-at-port-of-long-beach.html>

<https://markets.businessinsider.com/news/stocks/4-gen-logistics-advances-sustainable-goods-movement-with-41-volvo-vnr-electric-trucks-1033334015?op=1>

<https://www.fleetowner.com/emissions-efficiency/article/55036629/4-gen-logistics-deploys-41-volvo-vnr-electric-trucks-to-advance-sustainable-goods-movement-in-southern-california>

<https://www.truckpaper.com/blog/truck-and-trailer-news/2022/09/4-gen-logistics-expands-fleet-serving-port-of-long-beach-with-41-volvo-vnr-electric-trucks>

<https://punjabitruckingusa.com/4-gen-logistics-to-deploy-41-volvo-vnr-electric-trucks-to-service-the-port-of-long-beach/>



AGENDA ITEM # 3

MSRC Contracts Administrator's Report

MSRC Agenda Item No. 3

DATE: June 20, 2024

FROM: Cynthia Ravenstein

SUBJECT: AB 2766 Contracts Administrator's Report

SYNOPSIS: This report covers key issues addressed by MSRC staff, status of open contracts, and administrative scope changes from April 25 to May 29, 2024.

RECOMMENDATION: Receive and file report

WORK PROGRAM IMPACT: None

Contract Execution Status

2021-24 Work Program

On September 2, 2022, the SCAQMD Governing Board approved an award under the Major Event Center Transportation Program. This contract is executed.

On February 3, 2023, the SCAQMD Governing Board approved an award under the Transformative Transportation Strategies & Mobility Solutions Program. This contract is executed.

On June 2, 2023, the SCAQMD Governing Board approved six awards under the Microtransit Service RFP, for zero-emission shared mobility service. These contracts are with the prospective contractor for signature or executed.

On September 1, 2023, the SCAQMD Governing Board approved two awards under the Publicly Accessible Goods Movement Zero Emission Infrastructure Request for Information. One of these contracts will be administered by SCAQMD on behalf of the MSRC, and the other award is conditional upon successful selection of a site developer and operator and securing co-funding commitments.

On November 3, 2023, the SCAQMD Governing Board approved an allocation for partnership with SCAQMD and other partners in proposals seeking funding under the CARB "Advanced Technology Demonstration and Pilot Projects" solicitation. If proposal(s) had been awarded funding, contract(s) would have been administered by SCAQMD on behalf of the MSRC. However, MSRC staff have received notification that these proposals were not selected for funding award. The \$3,000,000 reverts to the AB 2766 Discretionary Fund.

On February 2, 2024, the SCAQMD Governing Board approved allocations for partnership in applications seeking funding under the Carl Moyer Program solicitation. If the applications are awarded funding, to the extent feasible these contracts will be administered by SCAQMD on behalf of the MSRC.

Work Program Status

Contract Status Reports for Work Program years with open and/or pending contracts are attached.

FY 2011-12 Work Program Contracts

One contract is in “Open/Complete” status, having completed all obligations except operations.

FY 2011-12 Invoices Paid

No invoices were paid during this period.

FYs 2012-14 Work Program Contracts

3 contracts from this Work Program year are open, and 6 are in “Open/Complete” status.

FYs 2012-14 Invoices Paid

No invoices were paid during this period.

FYs 2014-16 Work Program Contracts

9 contracts from this Work Program year are open, and 14 are in “Open/Complete” status.

FYs 2014-16 Invoices Paid

No invoices were paid during this period.

FYs 2016-18 Work Program Contracts

34 contracts from this Work Program year are open, and 57 are in “Open/Complete” status. One contract closed during this period: Southern California Associated Governments, Contract #MS18015 – Southern California Future Communities Program. One contract was cancelled during this period at the contractor’s request: Nikola-TA HRS 1, LLC, Contract #MS18183 – Install Publicly Accessible Hydrogen Fueling Infrastructure. The \$1,660,000 will revert to the AB 2766 Discretionary Fund.

FYs 2016-18 Invoices Paid

One invoice in the amount of \$40,800.00 was paid during this period.

FYs 2018-21 Work Program Contracts

12 contracts from this Work Program year are open, and 3 are in “Open/Complete” status.

As part of the process of implementing the modification to Agreement #MS21016 with Ryder Integrated Logistics, Inc. as approved by the MSRC at their May 2024 meeting, MSRC staff met with Ryder to begin collecting additional information on the expected delivery of vehicles and infrastructure. MSRC staff expect to be able to provide further update at the June 20 MSRC meeting.

FYs 2018-21 Invoices Paid

2 invoices totaling \$2,338.70 were paid during this period.

FYs 2021-24 Work Program Contracts

7 contracts from this Work Program year are open.

FYs 2021-24 Invoices Paid

No invoices were paid during this period.

Administrative Scope Changes

3 administrative scope changes were initiated during the period from April 25 to May 29, 2024:

- City of San Dimas, Contract #ML18148 (Install Bicycle Detection Systems) – Three-month no-cost term extension to keep contract open for MSRC consideration
- City of Azusa, Contract #ML18135 (Procure 3 Light-Duty ZEVs and One Heavy-Duty Near-Zero Emission Vehicle) – Eliminate tasks and \$25,000 associated with heavy-duty vehicle
- Volvo Financial Services, Agreement #MS21019 (Lease 14 Zero Emission Trucks & Provide Charging Infrastructure to Quality Custom Distribution) – Nine-month no-cost term extension

Attachments

- FY 2011-12 through FYs 2021-24 Contract Status Reports



FYs 2011-12 Through 2021-24 AB2766 Contract Status Report

5/30/2024

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
<i>FY 2011-2012 Contracts</i>									
<i>Declined/Cancelled Contracts</i>									
ML12016	City of Cathedral City	1/4/2013	10/3/2019		\$60,000.00	\$0.00	CNG Vehicle & Electric Vehicle Infrastructur	\$60,000.00	No
ML12038	City of Long Beach Public Works				\$26,000.00	\$0.00	Electric Vehicle Charging Infrastructure	\$26,000.00	No
ML12040	City of Duarte				\$30,000.00	\$0.00	One Heavy-Duty Nat. Gas Vehicle	\$30,000.00	No
ML12044	County of San Bernardino Public Wo				\$250,000.00	\$0.00	Install New CNG Station	\$250,000.00	No
ML12048	City of La Palma	1/4/2013	11/3/2018		\$20,000.00	\$0.00	Two Medium-Duty LPG Vehicles	\$20,000.00	No
ML12052	City of Whittier	3/14/2013	7/13/2019		\$165,000.00	\$0.00	Expansion of Existing CNG Station	\$165,000.00	No
ML12053	City of Mission Viejo				\$60,000.00	\$0.00	EV Charging Infrastructure	\$60,000.00	No
ML12090	City of Palm Springs	10/9/2015	10/8/2021	9/8/2025	\$21,163.00	\$0.00	EV Charging Infrastructure	\$21,163.00	No
MS12007	WestAir Gases & Equipment				\$100,000.00	\$0.00	Construct New Limited-Access CNG Station	\$100,000.00	No
MS12027	C.V. Ice Company, Inc.	5/17/2013	11/16/2019		\$75,000.00	\$0.00	Purchase 3 Medium-Heavy Duty Vehicles	\$75,000.00	No
MS12030	Complete Landscape Care, Inc.				\$150,000.00	\$0.00	Purchase 6 Medium-Heavy Duty Vehicles	\$150,000.00	No
MS12067	Leatherwood Construction, Inc.	11/8/2013	3/7/2017		\$122,719.00	\$0.00	Retrofit Six Vehicles w/DECS - Showcase III	\$122,719.00	No
MS12070	Valley Music Travel/CID Entertainme				\$99,000.00	\$0.00	Implement Shuttle Service to Coachella Mus	\$99,000.00	No
Total: 13									
<i>Closed Contracts</i>									
ML12013	City of Pasadena	10/19/2012	3/18/2015	9/18/2015	\$200,000.00	\$65,065.00	Electric Vehicle Charging Infrastructure	\$134,935.00	Yes
ML12014	City of Santa Ana - Public Works Ag	11/8/2013	8/7/2020	2/7/2022	\$338,000.00	\$255,977.50	9 H.D. Nat. Gas & LPG Trucks, EV Charging	\$82,022.50	Yes
ML12015	City of Fullerton	4/25/2013	11/24/2020	11/24/2021	\$40,000.00	\$40,000.00	HD CNG Vehicle, Expand CNG Station	\$0.00	Yes
ML12017	City of Los Angeles, Bureau of Sanit	6/26/2013	5/25/2020	11/25/2021	\$950,000.00	\$950,000.00	32 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML12018	City of West Covina	10/18/2013	10/17/2020	8/17/2023	\$300,000.00	\$300,000.00	Expansion of Existing CNG Station	\$0.00	Yes
ML12019	City of Palm Springs	9/6/2013	7/5/2015		\$38,000.00	\$16,837.00	EV Charging Infrastructure	\$21,163.00	Yes
ML12020	City of Los Angeles Dept of General	9/27/2012	3/26/2019	3/26/2020	\$450,000.00	\$450,000.00	15 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML12021	City of Rancho Cucamonga	9/14/2012	1/13/2020		\$40,000.00	\$40,000.00	Four Medium-Duty Nat. Gas Vehicles	\$0.00	Yes
ML12022	City of La Puente	12/6/2013	6/5/2020		\$110,000.00	\$110,000.00	2 Medium-Duty and Three Heavy-Duty CNG	\$0.00	Yes
ML12023	County of Los Angeles Internal Servi	8/1/2013	2/28/2015		\$250,000.00	\$192,333.00	EV Charging Infrastructure	\$57,667.00	Yes
ML12037	Coachella Valley Association of Gov	3/14/2013	3/13/2014		\$250,000.00	\$250,000.00	Street Sweeping Operations	\$0.00	Yes
ML12039	City of Redlands	2/8/2013	10/7/2019		\$90,000.00	\$90,000.00	Three Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML12041	City of Anaheim Public Utilities Depa	4/4/2014	11/3/2015	11/3/2017	\$68,977.00	\$38,742.16	EV Charging Infrastructure	\$30,234.84	Yes
ML12042	City of Chino Hills	1/18/2013	3/17/2017		\$87,500.00	\$87,500.00	Expansion of Existing CNG Station	\$0.00	Yes
ML12043	City of Hemet	6/24/2013	9/23/2019	11/23/2021	\$30,000.00	\$30,000.00	One Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML12046	City of Irvine	8/11/2013	3/10/2021		\$30,000.00	\$30,000.00	One Heavy-Duty Nat. Gas Vehicle	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML12047	City of Orange	2/1/2013	1/31/2019		\$30,000.00	\$30,000.00	One Heavy-Duty Nat. Gas Vehicle	\$0.00	Yes
ML12049	City of Rialto Public Works	7/14/2014	9/13/2015		\$30,432.00	\$3,265.29	EV Charging Infrastructure	\$27,166.71	Yes
ML12050	City of Baldwin Park	4/25/2013	4/24/2014	10/24/2014	\$402,400.00	\$385,363.00	EV Charging Infrastructure	\$17,037.00	Yes
ML12054	City of Palm Desert	9/30/2013	2/28/2015		\$77,385.00	\$77,385.00	EV Charging Infrastructure	\$0.00	Yes
ML12055	City of Manhattan Beach	3/1/2013	12/31/2018		\$10,000.00	\$10,000.00	One Medium-Duty Nat. Gas Vehicle	\$0.00	Yes
ML12056	City of Cathedral City	3/26/2013	5/25/2014		\$25,000.00	\$25,000.00	Regional Street Sweeping Program	\$0.00	Yes
ML12057	City of Coachella	8/28/2013	8/27/2019	1/27/2022	\$57,456.00	\$57,456.00	Purchase One Nat. Gas H.D. Vehicle/Street	\$0.00	Yes
ML12066	City of Manhattan Beach	1/7/2014	4/6/2015		\$5,900.00	\$5,900.00	Electric Vehicle Charging Infrastructure	\$0.00	Yes
ML12091	City of Bellflower	10/5/2018	10/4/2019	6/30/2022	\$100,000.00	\$49,230.44	EV Charging Infrastructure	\$50,769.56	Yes
MS12001	Los Angeles County MTA	7/1/2012	4/30/2013		\$300,000.00	\$211,170.00	Clean Fuel Transit Service to Dodger Stadium	\$88,830.00	Yes
MS12002	Orange County Transportation Authority	9/7/2012	4/30/2013		\$342,340.00	\$333,185.13	Express Bus Service to Orange County Fair	\$9,154.87	Yes
MS12003	Orange County Transportation Authority	7/20/2012	2/28/2013		\$234,669.00	\$167,665.12	Implement Metrolink Service to Angel Stadium	\$67,003.88	Yes
MS12004	USA Waste of California, Inc.	10/24/2013	11/23/2019		\$175,000.00	\$175,000.00	Construct New Limited-Access CNG Station	\$0.00	Yes
MS12005	USA Waste of California, Inc.	10/19/2012	8/18/2013		\$75,000.00	\$75,000.00	Vehicle Maintenance Facility Modifications	\$0.00	Yes
MS12006	Waste Management Collection & Re	10/19/2012	8/18/2013		\$75,000.00	\$75,000.00	Vehicle Maintenance Facility Modifications	\$0.00	Yes
MS12008	Bonita Unified School District	7/12/2013	12/11/2019	4/11/2021	\$175,000.00	\$175,000.00	Construct New Limited-Access CNG Station	\$0.00	Yes
MS12009	Sysco Food Services of Los Angeles	1/7/2014	4/6/2020		\$150,000.00	\$150,000.00	Construct New Public-Access LNG Station	\$0.00	Yes
MS12010	Murrieta Valley Unified School District	4/5/2013	9/4/2019		\$242,786.00	\$242,786.00	Construct New Limited-Access CNG Station	\$0.00	Yes
MS12011	Southern California Gas Company	6/14/2013	6/13/2019	5/28/2021	\$150,000.00	\$150,000.00	Construct New Public-Access CNG Station -	\$0.00	Yes
MS12012	Rim of the World Unified School District	12/20/2012	5/19/2014		\$75,000.00	\$75,000.00	Vehicle Maintenance Facility Modifications	\$0.00	Yes
MS12024	Southern California Gas Company	6/13/2013	12/12/2019	11/12/2020	\$150,000.00	\$150,000.00	Construct New Public-Access CNG Station -	\$0.00	Yes
MS12025	Silverado Stages, Inc.	11/2/2012	7/1/2018		\$150,000.00	\$150,000.00	Purchase Six Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12026	U-Haul Company of California	3/14/2013	3/13/2019		\$500,000.00	\$353,048.26	Purchase 23 Medium-Heavy Duty Vehicles	\$146,951.74	Yes
MS12028	Dy-Dee Service of Pasadena, Inc.	12/22/2012	1/21/2019		\$45,000.00	\$40,000.00	Purchase 2 Medium-Duty and 1 Medium-He	\$5,000.00	Yes
MS12029	Community Action Partnership of Or	11/2/2012	11/1/2018		\$25,000.00	\$14,850.00	Purchase 1 Medium-Heavy Duty Vehicle	\$10,150.00	Yes
MS12031	Final Assembly, Inc.	11/2/2012	11/1/2018		\$50,000.00	\$32,446.00	Purchase 2 Medium-Heavy Duty Vehicles	\$17,554.00	Yes
MS12032	Fox Transportation	12/14/2012	12/13/2018		\$500,000.00	\$500,000.00	Purchase 20 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12033	Mike Diamond/Phace Management	12/22/2012	12/21/2018	6/21/2021	\$148,900.00	\$148,900.00	Purchase 20 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12034	Ware Disposal Company, Inc.	11/2/2012	11/1/2018	5/1/2022	\$133,070.00	\$133,070.00	Purchase 8 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12035	Disneyland Resort	1/4/2013	7/3/2019		\$25,000.00	\$18,900.00	Purchase 1 Medium-Heavy Duty Vehicle	\$6,100.00	Yes
MS12036	Jim & Doug Carter's Automotive/VS	1/4/2013	11/3/2018		\$50,000.00	\$50,000.00	Purchase 2 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12058	Krisda Inc	4/24/2013	1/23/2019		\$25,000.00	\$25,000.00	Repower One Heavy-Duty Off-Road Vehicle	\$0.00	Yes
MS12059	Orange County Transportation Authority	2/28/2013	12/27/2014		\$75,000.00	\$75,000.00	Maintenance Facilities Modifications	\$0.00	Yes
MS12060	City of Santa Monica	4/4/2014	8/3/2017	8/3/2019	\$500,000.00	\$434,202.57	Implement Westside Bikeshare Program	\$65,797.43	Yes
MS12061	Orange County Transportation Authority	3/14/2014	3/13/2017		\$224,000.00	\$114,240.00	Transit-Oriented Bicycle Sharing Program	\$109,760.00	Yes
MS12062	Fraser Communications	12/7/2012	5/31/2014		\$998,669.00	\$989,218.49	Develop & Implement "Rideshare Thursday"	\$9,450.51	Yes
MS12063	Custom Alloy Light Metals, Inc.	8/16/2013	2/15/2020		\$100,000.00	\$100,000.00	Install New Limited Access CNG Station	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS12064	Anaheim Transportation Network	3/26/2013	12/31/2014		\$127,296.00	\$56,443.92	Implement Anaheim Circulator Service	\$70,852.08	Yes
MS12065	Orange County Transportation Autho	7/27/2013	11/30/2013		\$43,933.00	\$14,832.93	Ducks Express Service to Honda Center	\$29,100.07	Yes
MS12068	Southern California Regional Rail Au	3/1/2013	9/30/2013		\$57,363.00	\$47,587.10	Implement Metrolink Service to Autoclub Sp	\$9,775.90	Yes
MS12069	City of Irvine	8/11/2013	2/28/2014		\$45,000.00	\$26,649.41	Implement Special Transit Service to Solar	\$18,350.59	Yes
MS12071	Transit Systems Unlimited, Inc.	5/17/2013	12/16/2018		\$21,250.00	\$21,250.00	Expansion of Existing CNG Station	\$0.00	Yes
MS12072	99 Cents Only Stores	4/5/2013	9/4/2019		\$100,000.00	\$100,000.00	Construct New CNG Station	\$0.00	Yes
MS12073	FirstCNG, LLC	7/27/2013	12/26/2019		\$150,000.00	\$150,000.00	Construct New CNG Station	\$0.00	Yes
MS12074	Arcadia Unified School District	7/5/2013	9/4/2019		\$175,000.00	\$175,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS12075	CR&R Incorporated	7/27/2013	1/26/2021	1/26/2022	\$100,000.00	\$100,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS12076	City of Ontario, Housing & Municipal	3/8/2013	4/7/2015		\$75,000.00	\$75,000.00	Maintenance Facilities Modification	\$0.00	Yes
MS12078	Penske Truck Leasing Co., L.P.	1/7/2014	1/6/2016		\$75,000.00	\$73,107.00	Maintenance Facility Modifications - Vernon	\$1,893.00	Yes
MS12080	City of Pasadena	11/8/2013	8/7/2020	2/7/2022	\$225,000.00	\$225,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS12081	Penske Truck Leasing Co., L.P.	1/7/2014	1/6/2016		\$75,000.00	\$75,000.00	Maintenance Facility Modifications - Santa A	\$0.00	Yes
MS12082	City of Los Angeles, Bureau of Sanit	11/20/2013	2/19/2021	2/19/2023	\$175,000.00	\$175,000.00	Install New CNG Infrastructure	\$0.00	Yes
MS12083	Brea Olinda Unified School District	7/30/2015	2/29/2024		\$59,454.00	\$59,454.00	Install New CNG Infrastructure	\$0.00	Yes
MS12085	Bear Valley Unified School District	4/25/2013	6/24/2014		\$75,000.00	\$75,000.00	Maintenance Facility Modifications	\$0.00	Yes
MS12086	SuperShuttle International, Inc.	3/26/2013	3/25/2019		\$225,000.00	\$225,000.00	Purchase 23 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12087	Los Angeles County MTA	8/29/2013	11/28/2015		\$125,000.00	\$125,000.00	Implement Rideshare Incentives Program	\$0.00	Yes
MS12088	Orange County Transportation Autho	12/6/2013	3/5/2016		\$125,000.00	\$18,496.50	Implement Rideshare Incentives Program	\$106,503.50	Yes
MS12089	Riverside County Transportation Co	10/18/2013	9/17/2015		\$249,136.00	\$105,747.48	Implement Rideshare Incentives Program	\$143,388.52	Yes
MS12Hom	Mansfield Gas Equipment Systems				\$296,000.00	\$0.00	Home Refueling Apparatus Incentive Progra	\$296,000.00	Yes

Total: 74

Closed/Incomplete Contracts

ML12051	City of Bellflower	2/7/2014	2/6/2016	5/6/2018	\$100,000.00	\$0.00	EV Charging Infrastructure	\$100,000.00	No
MS12077	City of Coachella	6/14/2013	6/13/2020		\$225,000.00	\$0.00	Construct New CNG Station	\$225,000.00	No
MS12079	Penske Truck Leasing Co., L.P.	1/7/2014	1/6/2016		\$75,000.00	\$0.00	Maintenance Facility Modifications - Boyle H	\$75,000.00	No
MS12084	Airport Mobil Inc.	12/6/2013	5/5/2020		\$150,000.00	\$0.00	Install New CNG Infrastructure	\$150,000.00	No

Total: 4

Open/Complete Contracts

ML12045	City of Baldwin Park DPW	2/14/2014	12/13/2020	12/13/2026	\$400,000.00	\$400,000.00	Install New CNG Station	\$0.00	Yes
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Total: 1

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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FY 2012-2014 Contracts

Open Contracts

ML14027	County of Los Angeles Dept of Publi	10/2/2015	5/1/2023	8/1/2028	\$492,000.00	\$0.00	Construct New CNG Station in Canyon Coun	\$492,000.00	No
MS14057	Los Angeles County MTA	11/7/2014	10/6/2019	10/31/2026	\$1,250,000.00	\$0.00	Implement Various Signal Synchronization P	\$1,250,000.00	No
MS14072	San Bernardino County Transportatio	3/27/2015	3/26/2018	3/26/2024	\$1,237,500.00	\$1,148,376.17	Implement Various Signal Synchronization P	\$89,123.83	No

Total: 3

Declined/Cancelled Contracts

ML14063	City of Hawthorne				\$32,000.00	\$0.00	Expansion of Existng CNG Infrastructure	\$32,000.00	No
ML14068	City of South Pasadena	9/12/2014	10/11/2015	1/11/2020	\$10,183.00	\$0.00	Electric Vehicle Charging Infrastructure	\$10,183.00	No
ML14069	City of Beaumont	3/3/2017	3/2/2025		\$200,000.00	\$0.00	Construct New CNG Infrastructure	\$200,000.00	No
MS14035	Penske Truck Leasing Co., L.P.				\$75,000.00	\$0.00	Vehicle Maint. Fac. Modifications - Sun Valle	\$75,000.00	No
MS14036	Penske Truck Leasing Co., L.P.				\$75,000.00	\$0.00	Vehicle Maint. Fac. Modifications - La Mirad	\$75,000.00	No
MS14038	Penske Truck Leasing Co., L.P.				\$75,000.00	\$0.00	Vehicle Maint. Fac. Modifications - Fontana	\$75,000.00	No
MS14043	City of Anaheim				\$175,000.00	\$0.00	Expansion of Existing CNG Station	\$175,000.00	No
MS14078	American Honda Motor Co., Inc.	9/4/2015	8/3/2022		\$150,000.00	\$0.00	New Public Access CNG Station	\$150,000.00	No
MS14085	Prologis, L.P.				\$100,000.00	\$0.00	New Limited Access CNG Station	\$100,000.00	No
MS14086	San Gabriel Valley Towing I				\$150,000.00	\$0.00	New Public Access CNG Station	\$150,000.00	No
MS14091	Serv-Wel Disposal				\$100,000.00	\$0.00	New Limited-Access CNG Infrastructure	\$100,000.00	No

Total: 11

Closed Contracts

ML14010	City of Cathedral City	8/13/2014	10/12/2015		\$25,000.00	\$25,000.00	Street Sweeping Operations	\$0.00	Yes
ML14011	City of Palm Springs	6/13/2014	1/12/2016		\$79,000.00	\$78,627.00	Bicycle Racks, Bicycle Outreach & Educatio	\$373.00	Yes
ML14012	City of Santa Ana - Public Works Ag	2/13/2015	10/12/2021	10/12/2022	\$41,220.00	\$41,220.00	EV Charging and 1 H.D. CNG Vehicle	\$0.00	Yes
ML14014	City of Torrance	9/5/2014	12/4/2019		\$56,000.00	\$56,000.00	EV Charging Infrastructure	\$0.00	Yes
ML14015	Coachella Valley Association of Gov	6/6/2014	9/5/2015		\$250,000.00	\$250,000.00	Street Sweeping Operations	\$0.00	Yes
ML14016	City of Anaheim	4/3/2015	9/2/2021		\$380,000.00	\$380,000.00	Purchase 2 H.D. Vehicles, Expansion of Exi	\$0.00	Yes
ML14019	City of Corona Public Works	12/5/2014	6/4/2020	3/6/2023	\$111,518.00	\$111,517.18	EV Charging, Bicycle Racks, Bicycle Locker	\$0.82	Yes
ML14022	County of Los Angeles Department o	10/2/2015	5/1/2022		\$270,000.00	\$270,000.00	Purchase 9 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML14023	County of Los Angeles Department o	10/2/2015	9/1/2017	3/1/2021	\$230,000.00	\$230,000.00	Maintenance Fac. Modifications-Westcheste	\$0.00	Yes
ML14024	County of Los Angeles Department o	10/2/2015	9/1/2017	9/1/2021	\$230,000.00	\$230,000.00	Maintenance Fac. Modifications-Baldwin Par	\$0.00	Yes
ML14028	City of Fullerton	9/5/2014	1/4/2022		\$126,950.00	\$126,950.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
ML14029	City of Irvine	7/11/2014	6/10/2017		\$90,500.00	\$71,056.78	Bicycle Trail Improvements	\$19,443.22	Yes
ML14030	County of Los Angeles Internal Servi	1/9/2015	3/8/2018	7/30/2021	\$425,000.00	\$216,898.02	Bicycle Racks, Outreach & Education	\$208,101.98	Yes
ML14031	Riverside County Waste Manageme	6/13/2014	12/12/2020		\$90,000.00	\$90,000.00	Purchase 3 H.D. CNG Vehicles	\$0.00	Yes
ML14032	City of Rancho Cucamonga	1/9/2015	1/8/2022		\$113,990.00	\$104,350.63	Expansion of Existing CNG Infras., Bicycle L	\$9,639.37	Yes
ML14033	City of Irvine	7/11/2014	2/10/2021	2/10/2022	\$60,000.00	\$60,000.00	Purchase 2 H.D. CNG Vehicles	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML14034	City of Lake Elsinore	9/5/2014	5/4/2021		\$56,700.00	\$56,700.00	EV Charging Stations	\$0.00	Yes
ML14049	City of Moreno Valley	7/11/2014	3/10/2021		\$105,000.00	\$101,976.09	One HD Nat Gas Vehicle, EV Charging, Bicy	\$3,023.91	Yes
ML14051	City of Brea	9/5/2014	1/4/2017	7/4/2018	\$450,000.00	\$450,000.00	Installation of Bicycle Trail	\$0.00	Yes
ML14054	City of Torrance	11/14/2014	4/13/2017	7/13/2017	\$350,000.00	\$319,908.80	Upgrade Maintenance Facility	\$30,091.20	Yes
ML14055	City of Highland	10/10/2014	3/9/2018	3/9/2019	\$500,000.00	\$489,385.24	Bicycle Lanes and Outreach	\$10,614.76	Yes
ML14056	City of Redlands	9/5/2014	5/4/2016	5/4/2018	\$125,000.00	\$125,000.00	Bicycle Lanes	\$0.00	Yes
ML14061	City of La Habra	3/11/2016	3/10/2022		\$41,600.00	\$41,270.49	Purchase Two Heavy-Duty Nat. Gas Vehicle	\$329.51	Yes
ML14062	City of San Fernando	3/27/2015	5/26/2021	10/31/2023	\$325,679.00	\$325,679.00	Expand Existing CNG Fueling Station	\$0.00	Yes
ML14064	City of Claremont	7/11/2014	7/10/2020	1/10/2021	\$60,000.00	\$60,000.00	Purchase Two Heavy-Duty Nat. Gas Vehicle	\$0.00	Yes
ML14065	City of Orange	9/5/2014	8/4/2015		\$10,000.00	\$10,000.00	Electric Vehicle Charging Infrastructure	\$0.00	Yes
ML14070	City of Rancho Cucamonga	9/3/2016	12/2/2018		\$365,245.00	\$326,922.25	Bicycle Trail Improvements	\$38,322.75	Yes
ML14071	City of Manhattan Beach	1/9/2015	11/8/2018		\$22,485.00	\$22,485.00	Electric Vehicle Charging Infrastructure	\$0.00	Yes
ML14072	City of Cathedral City	8/13/2014	1/12/2021	7/12/2022	\$41,000.00	\$41,000.00	Install Bicycle Racks & Implement Bicycle E	\$0.00	Yes
ML14094	City of Yucaipa	6/9/2017	6/8/2018		\$84,795.00	\$84,795.00	Installation of Bicycle Lanes	\$0.00	Yes
ML14095	City of South Pasadena	1/10/2019	7/9/2019		\$142,096.00	\$134,182.09	Bicycle Trail Improvements	\$7,913.91	Yes
ML14096	County of Los Angeles Dept of Pub	5/3/2019	12/2/2019	3/2/2020	\$74,186.00	\$74,186.00	San Gabriel BikeTrail Underpass Improve	\$0.00	Yes
ML14097	County of Los Angeles Internal Servi	9/6/2019	9/5/2020	9/5/2021	\$104,400.00	\$104,400.00	Electric Vehicle Charging Infrastructure	\$0.00	Yes
MS14001	Los Angeles County MTA	3/6/2015	4/30/2015		\$1,216,637.00	\$1,199,512.68	Clean Fuel Transit Service to Dodger Stadiu	\$17,124.32	Yes
MS14002	Orange County Transportation Autho	9/6/2013	4/30/2014		\$576,833.00	\$576,833.00	Clean Fuel Transit Service to Orange Count	\$0.00	Yes
MS14003	Orange County Transportation Autho	8/1/2013	4/30/2014	10/30/2014	\$194,235.00	\$184,523.00	Implement Metrolink Service to Angel Stadiu	\$9,712.00	Yes
MS14004	Orange County Transportation Autho	9/24/2013	4/30/2014		\$36,800.00	\$35,485.23	Implement Express Bus Service to Solar De	\$1,314.77	Yes
MS14005	Transit Systems Unlimited, Inc.	4/11/2014	2/28/2016		\$515,200.00	\$511,520.00	Provide Expanded Shuttle Service to Hollyw	\$3,680.00	Yes
MS14007	Orange County Transportation Autho	6/6/2014	4/30/2015		\$208,520.00	\$189,622.94	Implement Special Metrolink Service to Ang	\$18,897.06	Yes
MS14008	Orange County Transportation Autho	8/13/2014	5/31/2015		\$601,187.00	\$601,187.00	Implement Clean Fuel Bus Service to Orang	\$0.00	Yes
MS14009	A-Z Bus Sales, Inc.	1/17/2014	12/31/2014	3/31/2015	\$388,000.00	\$388,000.00	Alternative Fuel School Bus Incentive Progra	\$0.00	Yes
MS14037	Penske Truck Leasing Co., L.P.	4/7/2017	6/6/2020		\$75,000.00	\$75,000.00	Vehicle Maint. Fac. Modifications - Carson	\$0.00	Yes
MS14039	Waste Management Collection and	7/10/2015	4/9/2016		\$75,000.00	\$75,000.00	Vehicle Maint. Fac. Modifications - Irvine	\$0.00	Yes
MS14040	Waste Management Collection and	7/10/2015	4/9/2016		\$75,000.00	\$75,000.00	Vehicle Maint. Fac. Modifications - Santa An	\$0.00	Yes
MS14041	USA Waste of California, Inc.	9/4/2015	10/3/2021		\$175,000.00	\$175,000.00	Limited-Access CNG Station, Vehicle Maint.	\$0.00	Yes
MS14042	Grand Central Recycling & Transfer	6/6/2014	9/5/2021		\$150,000.00	\$150,000.00	Expansion of Existing CNG Station	\$0.00	Yes
MS14044	TIMCO CNG Fund I, LLC	5/2/2014	11/1/2020		\$150,000.00	\$150,000.00	New Public-Access CNG Station in Santa A	\$0.00	Yes
MS14045	TIMCO CNG Fund I, LLC	6/6/2014	12/5/2020		\$150,000.00	\$150,000.00	New Public-Access CNG Station in Inglewoo	\$0.00	Yes
MS14046	Ontario CNG Station Inc.	5/15/2014	5/14/2020	11/14/2021	\$150,000.00	\$150,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS14047	Southern California Regional Rail Au	3/7/2014	9/30/2014		\$49,203.00	\$32,067.04	Special Metrolink Service to Autoclub Speed	\$17,135.96	Yes
MS14048	BusWest	3/14/2014	12/31/2014	5/31/2015	\$940,850.00	\$847,850.00	Alternative Fuel School Bus Incentive Progra	\$93,000.00	Yes
MS14052	Arcadia Unified School District	6/13/2014	10/12/2020		\$78,000.00	\$78,000.00	Expansion of an Existing CNG Fueling Statio	\$0.00	Yes
MS14053	Upland Unified School District	1/9/2015	7/8/2021		\$175,000.00	\$175,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS14058	Orange County Transportation Autho	11/7/2014	4/6/2016	4/6/2017	\$1,250,000.00	\$1,250,000.00	Implement Various Signal Synchronization P	\$0.00	Yes
MS14059	Riverside County Transportation Co	9/5/2014	3/4/2018	7/4/2023	\$1,250,000.00	\$1,209,969.08	Implement Various Signal Synchronization P	\$40,030.92	No
MS14073	Anaheim Transportation Network	1/9/2015	4/30/2017		\$221,312.00	\$221,312.00	Anaheim Resort Circulator Service	\$0.00	Yes
MS14074	Midway City Sanitary District	1/9/2015	3/8/2021		\$250,000.00	\$250,000.00	Limited-Access CNG Station & Facility Modif	\$0.00	Yes
MS14075	Fullerton Joint Union High School Di	7/22/2016	11/21/2023		\$293,442.00	\$293,442.00	Expansion of Existing CNG Infrastructure/Ma	\$0.00	Yes
MS14076	Rialto Unified School District	6/17/2015	2/16/2022	6/25/2023	\$225,000.00	\$225,000.00	New Public Access CNG Station	\$0.00	Yes
MS14077	County Sanitation Districts of L.A. Co	3/6/2015	5/5/2021		\$175,000.00	\$175,000.00	New Limited Access CNG Station	\$0.00	Yes
MS14080	CR&R Incorporated	6/1/2015	8/31/2021	8/31/2022	\$200,000.00	\$200,000.00	Expansion of Existing CNG Infrastructure/Ma	\$0.00	Yes
MS14081	CR&R Incorporated	6/1/2015	5/30/2021		\$175,000.00	\$100,000.00	Expansion of Existing CNG Infrastructure/Ma	\$75,000.00	Yes
MS14082	Grand Central Recycling & Transfer	12/4/2015	3/3/2023	3/3/2024	\$150,000.00	\$150,000.00	Construct New Public Access CNG Station	\$0.00	Yes
MS14083	Hacienda La Puente Unified School	7/10/2015	3/9/2022	6/9/2023	\$175,000.00	\$175,000.00	New Limited Access CNG Station	\$0.00	Yes
MS14084	US Air Conditioning Distributors	5/7/2015	9/6/2021		\$100,000.00	\$100,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS14087	Orange County Transportation Autho	8/14/2015	4/30/2016		\$239,645.00	\$195,377.88	Implement Special Metrolink Service to Ang	\$44,267.12	Yes
MS14088	Southern California Regional Rail Au	5/7/2015	9/30/2015		\$79,660.00	\$66,351.44	Special Metrolink Service to Autoclub Speed	\$13,308.56	Yes
MS14089	Top Shelf Consulting, LLC	1/18/2017	8/4/2016	3/31/2017	\$200,000.00	\$200,000.00	Enhanced Fleet Modernization Program	\$0.00	Yes
MS14090	City of Monterey Park	5/7/2015	5/6/2021		\$225,000.00	\$225,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes

Total: 69

Closed/Incomplete Contracts

ML14020	County of Los Angeles Dept of Pub	8/13/2014	1/12/2018		\$150,000.00	\$0.00	San Gabriel BikeTrail Underpass Improveme	\$150,000.00	No
ML14021	Riverside County Regional Park and	7/24/2014	12/23/2016	9/30/2024	\$250,000.00	\$0.00	Bicycle Trail Improvements	\$250,000.00	No
ML14050	City of Yucaipa	7/11/2014	9/10/2015	7/1/2016	\$84,795.00	\$0.00	Installation of Bicycle Lanes	\$84,795.00	No
ML14060	County of Los Angeles Internal Servi	10/6/2017	1/5/2019		\$104,400.00	\$0.00	Electric Vehicle Charging Infrastructure	\$104,400.00	No
ML14066	City of South Pasadena	9/12/2014	7/11/2016	2/11/2018	\$142,096.00	\$0.00	Bicycle Trail Improvements	\$142,096.00	No
ML14093	County of Los Angeles Dept of Pub	8/14/2015	1/13/2019		\$150,000.00	\$0.00	San Gabriel BikeTrail Underpass Improveme	\$150,000.00	No
MS14092	West Covina Unified School District	9/3/2016	12/2/2022		\$124,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$124,000.00	No

Total: 7

Open/Complete Contracts

ML14013	City of Los Angeles, Bureau of Sanit	10/7/2016	2/6/2025		\$400,000.00	\$400,000.00	Purchase 14 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML14018	City of Los Angeles Dept of General	3/6/2015	9/5/2021	2/5/2026	\$810,000.00	\$810,000.00	Purchase 27 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML14025	County of Los Angeles Dept of Publi	10/2/2015	7/1/2018	7/1/2024	\$300,000.00	\$300,000.00	Construct New CNG Station in Malibu	\$0.00	Yes
ML14026	County of Los Angeles Dept of Publi	10/2/2015	5/1/2023	5/1/2024	\$300,000.00	\$300,000.00	Construct New CNG Station in Castaic	\$0.00	Yes
ML14067	City of Duarte	12/4/2015	1/3/2023	6/3/2024	\$60,000.00	\$60,000.00	Purchase Two Electric Buses	\$0.00	Yes
MS14079	Waste Resources, Inc.	9/14/2016	8/13/2022	10/13/2024	\$100,000.00	\$100,000.00	New Limited Access CNG Station	\$0.00	Yes

Total: 6

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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FY 2014-2016 Contracts

Open Contracts

ML16025	City of South Pasadena	6/22/2016	4/21/2023	2/21/2025	\$130,000.00	\$0.00	Expand Existing CNG Infrastructure	\$130,000.00	No
ML16039	City of Torrance Transit Department	1/6/2017	9/5/2022	3/27/2026	\$32,000.00	\$0.00	Install Eight Level II EV Chargers	\$32,000.00	No
ML16047	City of Fontana	1/6/2017	8/5/2019	8/5/2025	\$500,000.00	\$0.00	Enhance an Existing Class 1 Bikeway	\$500,000.00	No
ML16057	City of Yucaipa	4/27/2016	1/26/2019	1/26/2024	\$380,000.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$380,000.00	No
ML16075	City of San Fernando	10/27/2016	2/26/2019	8/26/2024	\$354,000.00	\$0.00	Install a Class 1 Bikeway	\$354,000.00	No
ML16077	City of Rialto	5/3/2018	10/2/2021	2/2/2026	\$463,216.00	\$218,708.00	Pedestrian Access Improvements, Bicycle L	\$244,508.00	No
MS16094	Riverside County Transportation Co	1/25/2017	1/24/2022	2/24/2024	\$1,909,241.00	\$1,635,864.00	MetroLink First Mile/Last Mile Mobility Strate	\$273,377.00	No
MS16121	Long Beach Transit	11/3/2017	4/2/2024	11/30/2028	\$600,000.00	\$570,000.00	Repower 39 and Purchase 1 New Transit Bu	\$30,000.00	No

Total: 8

Declined/Cancelled Contracts

ML16014	City of Dana Point				\$153,818.00	\$0.00	Extend an Existing Class 1 Bikeway	\$153,818.00	No
ML16065	City of Temple City				\$500,000.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$500,000.00	No
ML16067	City of South El Monte				\$73,329.00	\$0.00	Implement an "Open Streets" Event	\$73,329.00	No
ML16074	City of La Verne	7/22/2016	1/21/2023		\$365,000.00	\$0.00	Install CNG Fueling Station	\$365,000.00	No
MS16043	LBA Realty Company LLC				\$100,000.00	\$0.00	Install Limited-Access CNG Station	\$100,000.00	No
MS16080	Riverside County Transportation Co				\$1,200,000.00	\$0.00	Passenger Rail Service for Coachella and St	\$1,200,000.00	No
MS16098	Long Beach Transit				\$198,957.00	\$0.00	Provide Special Bus Service to Stub Hub Ce	\$198,957.00	No
MS16104	City of Perris				\$175,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$175,000.00	No
MS16106	City of Lawndale	3/1/2019	11/30/2025		\$175,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$175,000.00	No
MS16107	Athens Services				\$100,000.00	\$0.00	Construct a Limited-Access CNG Station	\$100,000.00	No
MS16108	VNG 5703 Gage Avenue, LLC				\$150,000.00	\$0.00	Construct Public-Access CNG Station in Bell	\$150,000.00	No
MS16109	Sanitation Districts of Los Angeles C				\$275,000.00	\$0.00	Expansion of an Existing L/CNG Station	\$275,000.00	No
MS16111	VNG 925 Lakeview Avenue, LLC				\$150,000.00	\$0.00	Construct Public Access CNG Station in Pla	\$150,000.00	No

Total: 13

Closed Contracts

ML16006	City of Cathedral City	4/27/2016	4/26/2022	4/26/2023	\$25,000.00	\$25,000.00	Bicycle Outreach	\$0.00	Yes
ML16007	City of Culver City Transportation De	10/6/2015	4/5/2023		\$246,000.00	\$246,000.00	Purchase 7 H.D. Nat. Gas Vehicles, EV Cha	\$0.00	Yes
ML16009	City of Fountain Valley	10/6/2015	2/5/2018	5/5/2019	\$46,100.00	\$46,100.00	Install EV Charging Infrastructure	\$0.00	Yes
ML16011	City of Claremont	10/6/2015	6/5/2022		\$90,000.00	\$90,000.00	Purchase 3 Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML16012	City of Carson	1/15/2016	10/14/2022		\$60,000.00	\$60,000.00	Purchase 2 Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML16015	City of Yorba Linda	3/4/2016	11/3/2017		\$85,000.00	\$85,000.00	Install Bicycle Lanes	\$0.00	Yes
ML16016	City of Los Angeles Dept of General	2/5/2016	12/4/2022		\$630,000.00	\$630,000.00	Purchase 21 Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML16018	City of Hermosa Beach	10/7/2016	1/6/2023		\$29,520.00	\$23,768.44	Purchase 2 M.D. Nat. Gas Vehicles, Bicycle	\$5,751.56	Yes
ML16019	City of Los Angeles, Dept of General	1/25/2017	3/24/2023		\$102,955.00	\$102,955.00	Install EV Charging Infrastructure	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML16020	City of Pomona	4/1/2016	2/1/2018	8/1/2018	\$440,000.00	\$440,000.00	Install Road Surface Bicycle Detection System	\$0.00	Yes
ML16023	City of Banning	12/11/2015	12/10/2021		\$30,000.00	\$30,000.00	Purchase 1 H.D. Nat. Gas Vehicle	\$0.00	Yes
ML16024	City of Azusa	4/27/2016	2/26/2022		\$30,000.00	\$30,000.00	Purchase 1 H.D. Nat. Gas Vehicle	\$0.00	Yes
ML16026	City of Downey	5/6/2016	9/5/2017		\$40,000.00	\$40,000.00	Install EV Charging Infrastructure	\$0.00	Yes
ML16027	City of Whittier	1/8/2016	11/7/2022		\$30,000.00	\$30,000.00	Purchase 1 H.D. Nat. Gas Vehicle	\$0.00	Yes
ML16028	City of Azusa	9/9/2016	4/8/2018		\$25,000.00	\$25,000.00	Enhance Existing Class 1 Bikeway	\$0.00	Yes
ML16031	City of Cathedral City	12/19/2015	2/18/2017		\$25,000.00	\$25,000.00	Street Sweeping in Coachella Valley	\$0.00	Yes
ML16032	City of Azusa	9/9/2016	4/8/2019	4/8/2021	\$474,925.00	\$474,925.00	Implement a "Complete Streets" Pedestrian	\$0.00	Yes
ML16033	Coachella Valley Association of Gov	4/27/2016	4/26/2018		\$250,000.00	\$250,000.00	Street Sweeping Operations in Coachella Va	\$0.00	Yes
ML16034	City of Riverside	3/11/2016	10/10/2018	7/10/2020	\$500,000.00	\$500,000.00	Implement a "Complete Streets" Pedestrian	\$0.00	Yes
ML16036	City of Brea	3/4/2016	12/3/2018		\$500,000.00	\$500,000.00	Install a Class 1 Bikeway	\$0.00	Yes
ML16037	City of Rancho Cucamonga	2/5/2016	11/4/2022		\$30,000.00	\$30,000.00	Purchase One Heavy-Duty Natural Gas Vehi	\$0.00	Yes
ML16038	City of Palm Springs	4/1/2016	7/31/2022	9/30/2022	\$170,000.00	\$60,000.00	Install Bicycle Lanes & Purchase 2 Heavy-D	\$110,000.00	Yes
ML16042	City of San Dimas	4/1/2016	12/31/2019	12/31/2021	\$55,000.00	\$55,000.00	Install EV Charging Infrastructure	\$0.00	No
ML16045	City of Anaheim	6/22/2016	8/21/2019		\$275,000.00	\$255,595.08	Maintenance Facility Modifications	\$19,404.92	Yes
ML16046	City of El Monte	4/1/2016	5/31/2021	5/31/2023	\$20,160.00	\$14,637.50	Install EV Charging Infrastructure	\$5,522.50	Yes
ML16049	City of Buena Park	4/1/2016	11/30/2018		\$429,262.00	\$429,262.00	Installation of a Class 1 Bikeway	\$0.00	Yes
ML16050	City of Westminster	5/6/2016	7/5/2020	5/5/2022	\$115,000.00	\$93,925.19	Installation of EV Charging Infrastructure	\$21,074.81	Yes
ML16051	City of South Pasadena	2/12/2016	1/11/2017	12/11/2017	\$320,000.00	\$258,691.25	Implement "Open Streets" Event with Variou	\$61,308.75	Yes
ML16052	City of Rancho Cucamonga	9/3/2016	11/2/2019	3/31/2021	\$315,576.00	\$305,576.00	Install Two Class 1 Bikeways	\$10,000.00	Yes
ML16053	City of Claremont	3/11/2016	7/10/2018	12/10/2020	\$498,750.00	\$498,750.00	Implement a "Complete Streets" Pedestrian	\$0.00	Yes
ML16054	City of Yucaipa	3/26/2016	7/26/2018	10/25/2019	\$120,000.00	\$120,000.00	Implement a "Complete Streets" Pedestrian	\$0.00	Yes
ML16055	City of Ontario	5/6/2016	5/5/2022		\$270,000.00	\$270,000.00	Purchase Nine Heavy-Duty Natural-Gas Veh	\$0.00	Yes
ML16056	City of Ontario	3/23/2016	9/22/2020	9/22/2021	\$106,565.00	\$106,565.00	Expansion of an Existing CNG Station	\$0.00	Yes
ML16059	City of Burbank	4/1/2016	2/28/2022		\$180,000.00	\$180,000.00	Purchase 6 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML16060	City of Cudahy	2/5/2016	10/4/2017		\$73,910.00	\$62,480.00	Implement an "Open Streets" Event	\$11,430.00	Yes
ML16061	City of Murrieta	4/27/2016	1/26/2020		\$11,642.00	\$9,398.36	Installation of EV Charging Infrastructure	\$2,243.64	Yes
ML16062	City of Colton	6/3/2016	7/2/2020		\$21,003.82	\$21,003.82	Installation of EV Charging Infrastructure	\$0.00	Yes
ML16063	City of Glendora	3/4/2016	4/3/2022		\$30,000.00	\$30,000.00	Purchase One H.D. Nat. Gas Vehicle	\$0.00	Yes
ML16064	County of Orange, OC Parks	2/21/2017	10/20/2018		\$204,073.00	\$157,632.73	Implement "Open Streets" Events with Vario	\$46,440.27	Yes
ML16066	City of Long Beach Public Works	1/13/2017	9/12/2018		\$75,050.00	\$63,763.62	Implement an "Open Streets" Event	\$11,286.38	Yes
ML16068	Riverside County Dept of Public Heal	12/2/2016	8/1/2018		\$171,648.00	\$171,648.00	Implement "Open Streets" Events with Vario	\$0.00	Yes
ML16069	City of West Covina	3/10/2017	6/9/2021		\$54,199.00	\$54,199.00	Installation of EV Charging Infrastructure	\$0.00	Yes
ML16070	City of Beverly Hills	2/21/2017	6/20/2023		\$90,000.00	\$90,000.00	Purchase 3 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML16071	City of Highland	5/5/2017	1/4/2020	1/4/2023	\$264,500.00	\$264,500.00	Implement a "Complete Streets" Pedestrian	\$0.00	Yes
ML16072	City of Palm Desert	3/4/2016	1/4/2020	1/3/2022	\$56,000.00	\$56,000.00	Installation of EV Charging Infrastructure	\$0.00	Yes
ML16073	City of Long Beach Public Works	1/13/2017	7/12/2017		\$50,000.00	\$50,000.00	Implement an "Open Streets" Event	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML16076	City of San Fernando	2/21/2017	8/20/2021		\$43,993.88	\$43,993.88	Install EV Charging Infrastructure	\$0.00	Yes
ML16078	City of Moreno Valley	5/6/2016	11/5/2017	5/5/2018	\$32,800.00	\$31,604.72	Install Bicycle Infrastructure & Implement Bi	\$1,195.28	Yes
ML16079	City of Yucaipa	4/1/2016	3/31/2020		\$5,000.00	\$5,000.00	Purchase Electric Lawnmower	\$0.00	Yes
ML16083	City of El Monte	4/1/2016	4/30/2021	4/30/2023	\$57,210.00	\$25,375.60	Install EV Charging Infrastructure	\$31,834.40	Yes
ML16122	City of Wildomar	6/8/2018	6/7/2019		\$500,000.00	\$500,000.00	Install Bicycle Lanes	\$0.00	Yes
ML16126	City of Palm Springs	7/31/2019	7/30/2020	10/30/2020	\$22,000.00	\$19,279.82	Install Bicycle Racks, and Implement Bicycle	\$2,720.18	Yes
MS16001	Los Angeles County MTA	4/1/2016	4/30/2017		\$1,350,000.00	\$1,332,039.84	Clean Fuel Transit Service to Dodger Stadiu	\$17,960.16	Yes
MS16002	Orange County Transportation Autho	10/6/2015	5/31/2016		\$722,266.00	\$703,860.99	Clean Fuel Transit Service to Orange Count	\$18,405.01	Yes
MS16003	Special Olympics World Games Los	10/9/2015	12/30/2015		\$380,304.00	\$380,304.00	Low-Emission Transportation Service for Sp	\$0.00	Yes
MS16004	Mineral LLC	9/4/2015	7/3/2017	1/3/2018	\$27,690.00	\$9,300.00	Design, Develop, Host and Maintain MSRC	\$18,390.00	Yes
MS16029	Orange County Transportation Autho	1/12/2018	6/11/2020		\$836,413.00	\$567,501.06	TCM Partnership Program - OC Bikeways	\$268,911.94	Yes
MS16030	Better World Group Advisors	12/19/2015	12/31/2017	12/31/2019	\$271,619.00	\$245,355.43	Programmic Outreach Services to the MSR	\$26,263.57	Yes
MS16081	EDCO Disposal Corporation	3/4/2016	10/3/2022		\$150,000.00	\$150,000.00	Expansion of Existing Public Access CNG St	\$0.00	Yes
MS16084	Transit Systems Unlimited, Inc.	5/6/2016	2/28/2018		\$565,600.00	\$396,930.00	Implement Special Shuttle Service from Uni	\$168,670.00	Yes
MS16085	Southern California Regional Rail Au	3/11/2016	9/30/2016		\$78,033.00	\$64,285.44	Special MetroLink Service to Autoclub Spee	\$13,747.56	Yes
MS16086	San Bernardino County Transportatio	9/3/2016	10/2/2021		\$800,625.00	\$769,021.95	Freeway Service Patrols	\$31,603.05	Yes
MS16087	Burrtec Waste & Recycling Services,	7/8/2016	3/7/2023		\$100,000.00	\$100,000.00	Construct New Limited-Access CNG Station	\$0.00	Yes
MS16088	Transit Systems Unlimited, Inc.	5/12/2017	1/11/2023		\$17,000.00	\$17,000.00	Expansion of Existing CNG Station	\$0.00	Yes
MS16089	Orange County Transportation Autho	7/8/2016	4/30/2017		\$128,500.00	\$128,500.00	Implement Special Bus Service to Angel Sta	\$0.00	Yes
MS16092	San Bernardino County Transportatio	2/3/2017	1/2/2019		\$242,937.00	\$242,016.53	Implement a Series of "Open Streets" Event	\$920.47	Yes
MS16093	Orange County Transportation Autho	9/3/2016	3/2/2018	9/2/2018	\$1,553,657.00	\$1,499,575.85	Implement a Mobile Ticketing System	\$54,081.15	Yes
MS16095	Orange County Transportation Autho	7/22/2016	5/31/2017		\$694,645.00	\$672,864.35	Implement Special Bus Service to Orange C	\$21,780.65	Yes
MS16096	San Bernardino County Transportatio	10/27/2016	12/26/2019	6/30/2021	\$450,000.00	\$450,000.00	EV Charging Infrastructure	\$0.00	Yes
MS16097	Walnut Valley Unified School District	10/7/2016	11/6/2022		\$250,000.00	\$250,000.00	Expand CNG Station & Modify Maintenance	\$0.00	Yes
MS16099	Foothill Transit	3/3/2017	3/31/2017		\$50,000.00	\$50,000.00	Provide Special Bus Service to the Los Ange	\$0.00	Yes
MS16100	Southern California Regional Rail Au	5/5/2017	9/30/2017		\$80,455.00	\$66,169.43	Provide Metrolink Service to Autoclub Speed	\$14,285.57	Yes
MS16102	Nasa Services, Inc.	2/21/2017	4/20/2023		\$100,000.00	\$100,000.00	Construct a Limited-Access CNG Station	\$0.00	Yes
MS16103	Arrow Services, Inc.	2/3/2017	4/2/2023		\$100,000.00	\$100,000.00	Construct a Limited-Access CNG Station	\$0.00	Yes
MS16116	Riverside Transit Agency	3/3/2017	1/2/2023		\$10,000.00	\$9,793.00	Purchase One Transit Bus	\$207.00	Yes
MS16117	Omnitrans	4/21/2017	6/20/2023		\$175,000.00	\$175,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS16118	Omnitrans	4/21/2017	6/20/2023		\$175,000.00	\$175,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS16119	Omnitrans	4/21/2017	8/20/2022		\$150,000.00	\$0.00	New Public Access CNG Station	\$150,000.00	No
MS16124	Riverside County Transportation Co	12/14/2018	12/14/2019	5/14/2020	\$253,239.00	\$246,856.41	Extended Freeway Service Patrols	\$6,382.59	Yes
MS16125	San Bernardino County Transportatio	9/20/2019	11/19/2020		\$1,000,000.00	\$1,000,000.00	Traffic Signal Synchronization Projects	\$0.00	Yes
MS16127	Los Angeles County MTA	6/29/2021		6/28/2022	\$2,500,000.00	\$2,500,000.00	Expansion of the Willowbrook/Rosa Parks Tr	\$0.00	Yes

Total: 81

Closed/Incomplete Contracts

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML16005	City of Palm Springs	3/4/2016	10/3/2017		\$40,000.00	\$0.00	Install Bicycle Racks, and Implement Bicycle	\$40,000.00	No
ML16035	City of Wildomar	4/1/2016	11/1/2017		\$500,000.00	\$0.00	Install Bicycle Lanes	\$500,000.00	No
MS16082	Riverside County Transportation Co	9/3/2016	8/2/2018		\$590,759.00	\$337,519.71	Extended Freeway Service Patrols	\$253,239.29	No
MS16090	Los Angeles County MTA	10/27/2016	4/26/2020	10/26/2020	\$2,500,000.00	\$0.00	Expansion of the Willowbrook/Rosa Parks Tr	\$2,500,000.00	No
MS16091	San Bernardino County Transportatio	10/7/2016	11/6/2018		\$1,000,000.00	\$0.00	Traffic Signal Synchronization Projects	\$1,000,000.00	No
MS16123	Orange County Transportation Autho	12/7/2018	11/6/2023		\$91,760.00	\$0.00	Install La Habra Union Pacific Bikeway	\$91,760.00	No

Total: 6

Open/Complete Contracts

ML16008	City of Pomona	9/20/2016	11/19/2022	5/19/2025	\$60,000.00	\$60,000.00	Purchase 3 Medium-Duty and 1 Heavy-Duty	\$0.00	Yes
ML16013	City of Monterey Park	12/4/2015	7/3/2022	7/3/2024	\$90,000.00	\$90,000.00	Purchase 3 Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML16017	City of Long Beach	2/5/2016	8/4/2023	5/4/2029	\$1,415,400.00	\$1,415,400.00	Purchase 50 Medium-Duty, 17 H.D. Nat. Ga	\$0.00	No
ML16021	City of Santa Clarita	10/7/2016	6/6/2024		\$49,400.00	\$49,399.00	Install EV Charging Infrastructure	\$1.00	Yes
ML16022	Los Angeles Department of Water an	5/5/2017	3/4/2024	6/4/2028	\$240,000.00	\$240,000.00	Purchase 8 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML16040	City of Eastvale	1/6/2017	7/5/2022	11/5/2026	\$66,409.00	\$66,040.41	Install EV Charging Infrastructure	\$368.59	Yes
ML16041	City of Moreno Valley	9/3/2016	1/2/2021	4/2/2024	\$20,000.00	\$20,000.00	Install EV Charging Infrastructure	\$0.00	Yes
ML16058	Los Angeles County Department of P	10/7/2016	4/6/2024		\$371,898.00	\$371,898.00	Purchase 11 H.D. Nat. Gas Vehicles and Ins	\$0.00	Yes
MS16105	Huntington Beach Union High School	3/3/2017	7/2/2024		\$175,000.00	\$175,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS16110	City of Riverside	10/6/2017	2/5/2025	10/5/2026	\$270,000.00	\$270,000.00	Expansion of Existing CNG Station and Main	\$0.00	Yes
MS16112	Orange County Transportation Autho	4/14/2017	3/13/2024		\$1,470,000.00	\$1,470,000.00	Repower Up to 98 Transit Buses	\$0.00	Yes
MS16113	Los Angeles County MTA	5/12/2017	4/11/2024		\$1,875,000.00	\$1,875,000.00	Repower Up to 125 Transit Buses	\$0.00	Yes
MS16114	City of Norwalk	3/3/2017	6/2/2024		\$32,170.00	\$32,170.00	Purchase 3 Transit Buses	\$0.00	Yes
MS16115	City of Santa Monica	4/14/2017	7/13/2025		\$450,000.00	\$450,000.00	Repower 30 Transit Buses	\$0.00	Yes
MS16120	Omnitrans	4/7/2017	5/6/2025		\$945,000.00	\$870,000.00	Repower 63 Existing Buses	\$75,000.00	Yes

Total: 15

Terminated Contracts

ML16010	City of Fullerton	10/7/2016	4/6/2023	4/6/2024	\$78,222.00	\$27,896.71	Install EV Charging Stations	\$50,325.29	Yes
ML16048	City of Placentia	3/26/2016	5/25/2021	12/25/2026	\$80,000.00	\$18,655.00	Install EV Charging Infrastructure	\$61,345.00	Yes

Total: 2

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
FY 2016-2018 Contracts									
Open Contracts									
ML18031	City of Diamond Bar	9/7/2018	11/6/2025	11/6/2027	\$58,930.00	\$38,930.00	Install EVSE, Purchase up to 2-LD Vehicles	\$20,000.00	No
ML18050	City of Irvine	9/7/2018	8/6/2028		\$330,490.00	\$0.00	Purchase 1 Medium/Heavy-Duty ZEV and In	\$330,490.00	No
ML18051	City of Rancho Cucamonga	3/1/2019	10/31/2025	4/30/2027	\$91,500.00	\$82,500.00	Purchase 6 Light-Duty ZEVs, Install 3 Limite	\$9,000.00	No
ML18055	City of Long Beach	11/29/2018	11/28/2026	11/28/2028	\$622,220.00	\$302,401.53	Install EV Charging Stations	\$319,818.47	No
ML18057	City of Carson	10/5/2018	7/4/2023	12/15/2026	\$106,250.00	\$50,000.00	Purchase 5 Zero-Emission Vehicles and Infr	\$56,250.00	No
ML18060	County of Los Angeles Internal Servi	10/5/2018	8/4/2026	8/4/2028	\$1,273,938.00	\$724,868.96	Purchase 29 Light-Duty Zero Emission Vehi	\$549,069.04	No
ML18063	City of Riverside	6/7/2019	1/6/2027	3/6/2028	\$50,000.00	\$0.00	Expand Existing CNG Station	\$50,000.00	No
ML18067	City of Pico Rivera	9/7/2018	11/6/2022	12/6/2027	\$83,500.00	\$0.00	Install EVSE	\$83,500.00	No
ML18068	City of Mission Viejo	7/31/2019	6/30/2027		\$86,940.00	\$20,000.00	Purchase 2 Light-Duty ZEVs & Install EVSE	\$66,940.00	No
ML18069	City of Torrance	3/1/2019	7/31/2027	12/31/2028	\$187,400.00	\$100,000.00	Purchase 4 Heavy-Duty Near-Zero Emission	\$87,400.00	No
ML18078	County of Riverside	10/5/2018	10/4/2028		\$375,000.00	\$300,000.00	Purchase 15 Heavy-Duty Vehicles	\$75,000.00	No
ML18082	City of Los Angeles Bureau of Sanita	8/30/2019	8/29/2028	8/29/2029	\$900,000.00	\$0.00	Purchase 8 Medium-Duty Vehicles and 8 Li	\$900,000.00	No
ML18084	City of South El Monte	10/18/2019	9/17/2023	3/30/2028	\$30,000.00	\$0.00	EV Charging Infrastructure	\$30,000.00	No
ML18091	City of Temecula	1/19/2019	7/18/2023	3/18/2026	\$141,000.00	\$0.00	Install Sixteen EV Charging Stations	\$141,000.00	No
ML18092	City of South Pasadena	2/1/2019	1/31/2025	4/30/2027	\$50,000.00	\$20,000.00	Procure Two Light-Duty ZEVs and Install EV	\$30,000.00	No
ML18094	City of Laguna Woods	7/12/2019	12/11/2024	10/11/2026	\$50,000.00	\$0.00	Install Two EV Charging Stations	\$50,000.00	No
ML18129	City of Yucaipa	12/14/2018	3/13/2023	9/13/2027	\$63,097.00	\$0.00	Install Six EV Charging Stations	\$63,097.00	No
ML18134	City of Los Angeles Dept of General	5/3/2019	5/2/2028		\$116,000.00	\$0.00	Purchase Two Medium-Duty ZEVs	\$116,000.00	No
ML18135	City of Azusa	12/6/2019	12/5/2029		\$55,000.00	\$0.00	Purchase Three Light-Duty ZEVs and One H	\$55,000.00	No
ML18145	City of Los Angeles Dept of Transpor	1/10/2020	4/9/2027	4/9/2028	\$1,400,000.00	\$0.00	Provide One Hundred Rebates to Purchaser	\$1,400,000.00	No
ML18146	City of South Gate	3/1/2019	11/30/2023	11/30/2026	\$127,400.00	\$127,400.00	Purchase Five Light-Duty ZEVs and Install S	\$0.00	No
ML18147	City of Palm Springs	1/10/2019	1/9/2024	7/9/2026	\$60,000.00	\$0.00	Install Eighteen EV Charging Stations	\$60,000.00	No
ML18148	City of San Dimas	1/21/2022	5/20/2023	8/20/2024	\$50,000.00	\$0.00	Implement Bicycle Detection Measures	\$50,000.00	No
ML18151	County of San Bernardino Departme	8/25/2020	10/24/2029		\$200,000.00	\$150,000.00	Purchase Eight Heavy-Duty Near Zero Emis	\$50,000.00	No
ML18152	County of San Bernardino Flood Con	8/11/2020	10/10/2029		\$108,990.00	\$75,000.00	Purchase Five Heavy-Duty Near Zero Emissi	\$33,990.00	No
ML18166	City of Placentia	2/18/2021	5/17/2027		\$25,000.00	\$0.00	Purchase One Heavy-Duty Near-Zero Emis	\$25,000.00	No
ML18178	City of La Puente	11/1/2019	11/30/2025	11/30/2028	\$25,000.00	\$0.00	Purchase One Heavy-Duty Near-Zero Emis	\$25,000.00	No
ML18185	City of Wildomar	10/19/2023	10/18/2024		\$25,000.00	\$0.00	Install Bicycle Trail	\$25,000.00	No
MS18024	Riverside County Transportation Co	6/28/2018	8/27/2021	8/31/2024	\$1,500,000.00	\$1,054,760.00	Vanpool Incentive Program	\$445,240.00	No
MS18027	City of Gardena	11/2/2018	9/1/2026	1/1/2029	\$365,000.00	\$0.00	Install New Limited Access CNG, Modify Mai	\$365,000.00	No
MS18065	San Bernardino County Transportatio	3/29/2019	8/28/2023	3/28/2024	\$2,000,000.00	\$2,000,000.00	Implement Metrolink Line Fare Discount Pro	\$0.00	Yes
MS18106	R.F. Dickson Co., Inc.	7/19/2019	1/18/2026		\$265,000.00	\$250,000.00	Expansion of Existing Infrastructure/Mechani	\$15,000.00	No
MS18181	San Bernardino County Transportatio	4/10/2023	9/9/2030		\$1,662,000.00	\$0.00	Construct Hydrogen Fueling Station	\$1,662,000.00	No
MS18182	Air Products and Chemicals Inc.	3/8/2023	2/7/2031		\$1,000,000.00	\$0.00	Install Publicly Accessible Hydrogen Fueling	\$1,000,000.00	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
Total: 34									
Declined/Cancelled Contracts									
ML18044	City of Malibu	8/8/2018	10/7/2022	10/7/2023	\$50,000.00	\$0.00	Install EV Charging Infrastructure	\$50,000.00	No
ML18053	City of Paramount	9/7/2018	3/6/2023		\$64,675.00	\$0.00	Install EV Charging Infrastructure	\$64,675.00	No
ML18075	City of Orange				\$25,000.00	\$0.00	One Heavy-Duty Vehicle	\$25,000.00	No
ML18140	City of Bell Gardens	12/14/2018	12/13/2028		\$50,000.00	\$0.00	Purchase Two Heavy-Duty Near-ZEVs	\$50,000.00	No
ML18149	City of Sierra Madre				\$50,000.00	\$0.00	Implement Bike Share Program	\$50,000.00	No
ML18150	City of South El Monte				\$20,000.00	\$0.00	Implement Bike Share Program	\$20,000.00	No
ML18153	City of Cathedral City	5/3/2019	4/2/2025		\$52,215.00	\$0.00	Install EV Charging Infrastructure	\$52,215.00	No
ML18158	City of Inglewood				\$146,000.00	\$0.00	Purchase 4 Light-Duty Zero Emission, 4 Hea	\$146,000.00	No
ML18164	City of Pomona				\$200,140.00	\$0.00	Purchase Three Heavy-Duty ZEVs	\$200,140.00	No
ML18165	City of Baldwin Park	2/1/2019	1/30/2024		\$49,030.00	\$0.00	Expand CNG Station	\$49,030.00	No
ML18172	City of Huntington Park	3/1/2019	2/28/2025		\$65,450.00	\$0.00	Purchase One Heavy-Duty ZEV	\$65,450.00	No
ML18174	City of Bell	11/22/2019	7/21/2026		\$25,000.00	\$0.00	Purchase One Heavy-Duty Near-Zero Emiss	\$25,000.00	No
ML18177	City of San Bernardino	6/7/2019	12/6/2026	12/6/2028	\$279,088.00	\$0.00	Purchase Medium- and Heavy-Duty Evs and	\$279,088.00	No
MS18009	Penske Truck Leasing Co., L.P.	8/8/2018	12/7/2020		\$82,500.00	\$0.00	Modify Maintenance Facility & Train Technici	\$82,500.00	No
MS18013	California Energy Commission				\$3,000,000.00	\$0.00	Advise MSRC and Administer Hydrogen Infr	\$3,000,000.00	No
MS18017	City of Banning				\$225,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$225,000.00	No
MS18018	City of Norwalk	6/8/2018	9/7/2019		\$75,000.00	\$0.00	Vehicle Maintenance Facility Modifications	\$75,000.00	No
MS18107	Huntington Beach Union High School				\$225,000.00	\$0.00	Expansion of Existing Infrastructure	\$225,000.00	No
MS18109	City of South Gate				\$175,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$175,000.00	No
MS18111	Newport-Mesa Unified School Distric				\$175,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$175,000.00	No
MS18112	Banning Unified School District	11/29/2018	11/28/2024	11/28/2025	\$275,000.00	\$0.00	Install New CNG Infrastructure	\$275,000.00	No
MS18113	City of Torrance				\$100,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$100,000.00	No
MS18114	Los Angeles County Department of P	11/15/2019	11/14/2026		\$175,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$175,000.00	No
MS18116	Los Angeles County Department of P	11/15/2019	11/14/2026		\$175,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$175,000.00	No
MS18119	LBA Realty Company XI LP				\$100,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$100,000.00	No
MS18121	City of Montebello				\$70,408.00	\$0.00	Expansion of Existing CNG Infrastructure	\$70,408.00	No
MS18175	Regents of the University of Californi	6/7/2019	8/6/2025	8/6/2026	\$1,000,000.00	\$0.00	Expansion of Existing Hydrogen Station	\$1,000,000.00	No
MS18183	Nikola-TA HRS 1, LLC	9/28/2022	1/27/2030		\$1,660,000.00	\$0.00	Install Publicly Accessible Hydrogen Fueling	\$1,660,000.00	No
MS18184	Clean Energy				\$1,000,000.00	\$0.00	Install Publicly Accessible Hydrogen Fueling	\$1,000,000.00	No
Total: 29									
Closed Contracts									
ML18019	City of Hidden Hills	5/3/2018	5/2/2022	5/2/2023	\$49,999.00	\$49,999.00	Purchase Two Light-Duty ZEVs and EVSE	\$0.00	Yes
ML18021	City of Signal Hill	4/6/2018	1/5/2022		\$49,661.00	\$46,079.31	Install EV Charging Stations	\$3,581.69	Yes
ML18022	City of Desert Hot Springs	5/3/2018	1/2/2020	1/2/2021	\$50,000.00	\$50,000.00	Traffic Signal and Synchronization Project	\$0.00	Yes
ML18034	City of Calabasas	6/8/2018	3/7/2022	3/7/2023	\$50,000.00	\$50,000.00	Install EVSE	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML18035	City of Westlake Village	8/8/2018	11/7/2022		\$50,000.00	\$50,000.00	Install EVSE	\$0.00	Yes
ML18040	City of Agoura Hills	7/13/2018	6/12/2022		\$17,914.00	\$17,914.00	Install EV Charging Infrastructure	\$0.00	Yes
ML18042	City of San Fernando	6/28/2018	2/27/2024		\$10,000.00	\$10,000.00	Purchase 1 Light-Duty ZEV	\$0.00	Yes
ML18049	City of Downey	7/6/2018	5/5/2023		\$148,260.00	\$148,116.32	Install EV Charging Stations	\$143.68	Yes
ML18052	City of Garden Grove	8/8/2018	10/7/2022		\$53,593.00	\$46,164.28	Purchase 4 L.D. ZEVs and Infrastructure	\$7,428.72	Yes
ML18054	City of La Habra Heights	8/8/2018	4/7/2022		\$9,200.00	\$9,200.00	Purchase 1 L.D. ZEV	\$0.00	Yes
ML18056	City of Chino	3/29/2019	9/28/2023		\$103,868.00	\$103,868.00	Install EV Charging Infrastructure	\$0.00	Yes
ML18070	City of Lomita	11/29/2018	6/28/2022		\$6,250.00	\$6,250.00	Purchase 1 Light-Duty ZEV	\$0.00	Yes
ML18071	City of Chino Hills	9/7/2018	10/6/2022		\$20,000.00	\$20,000.00	Purchase 2 Light-Duty ZEVs	\$0.00	Yes
ML18076	City of Culver City Transportation De	10/5/2018	10/4/2023		\$1,130.00	\$1,130.00	Purchase Light-Duty ZEV	\$0.00	Yes
ML18077	City of Orange	11/2/2018	10/1/2022		\$59,776.00	\$59,776.00	Four Light-Duty ZEV and EV Charging Infr	\$0.00	Yes
ML18079	City of Pasadena	12/7/2018	11/6/2023		\$183,670.00	\$183,670.00	EV Charging Infrastructure	\$0.00	Yes
ML18086	City of Los Angeles Bureau of Street	2/8/2019	4/7/2023		\$300,000.00	\$300,000.00	Install Sixty EV Charging Stations	\$0.00	Yes
ML18088	City of Big Bear Lake	11/29/2018	8/28/2020	8/28/2021	\$50,000.00	\$50,000.00	Install Bicycle Trail	\$0.00	Yes
ML18090	City of Santa Clarita	5/9/2019	2/8/2023	2/8/2024	\$122,000.00	\$118,978.52	Install Nine EV Charging Stations	\$3,021.48	Yes
ML18097	City of Temple City	11/29/2018	7/28/2022		\$16,000.00	\$12,000.00	Purchase Two Light-Duty ZEVs	\$4,000.00	Yes
ML18126	City of Lomita	12/7/2018	1/6/2020		\$26,500.00	\$13,279.56	Install bicycle racks and lanes	\$13,220.44	Yes
ML18127	City of La Puente	2/1/2019	2/28/2023		\$10,000.00	\$7,113.70	Purchase Light-Duty Zero Emission Vehicle	\$2,886.30	Yes
ML18128	City of Aliso Viejo	8/30/2019	11/29/2023		\$65,460.00	\$65,389.56	Purchase Two Light-Duty ZEVs and Install S	\$70.44	Yes
ML18130	City of Lake Forest	3/1/2019	9/30/2022		\$106,480.00	\$106,480.00	Install Twenty-One EVSEs	\$0.00	Yes
ML18131	City of Los Angeles, Police Departm	5/3/2019	12/2/2022		\$19,294.00	\$19,294.00	Purchase Three Light-Duty ZEVs	\$0.00	Yes
ML18138	City of La Canada Flintridge	2/8/2019	5/7/2023		\$32,589.00	\$32,588.07	Install Four EVSEs and Install Bicycle Racks	\$0.93	Yes
ML18139	City of Calimesa	8/30/2019	7/29/2020	11/29/2021	\$50,000.00	\$50,000.00	Install Bicycle Lane	\$0.00	Yes
ML18142	City of La Quinta	4/24/2019	2/23/2023	8/23/2023	\$51,780.00	\$51,780.00	Install Two EV Charging Stations	\$0.00	Yes
ML18154	City of Hemet	11/22/2019	9/21/2023	3/21/2024	\$30,000.00	\$30,000.00	Purchase Two Light-Duty ZEVs and EV Cha	\$0.00	Yes
ML18155	City of Claremont	7/31/2019	9/30/2023		\$35,609.00	\$35,608.86	Install EV Charging Infrastructure	\$0.14	Yes
ML18156	City of Covina	2/1/2019	3/31/2023	12/31/2023	\$63,800.00	\$62,713.00	Purchase Four Light-Duty ZEVs and EV Cha	\$1,087.00	Yes
ML18160	City of Irwindale	3/29/2019	12/28/2022		\$14,263.00	\$14,263.00	Purchase Two Light-Duty ZEVs	\$0.00	Yes
ML18173	City of Manhattan Beach	3/29/2019	2/28/2023		\$49,000.00	\$49,000.00	Purchase Two Light-Duty ZEVs and EV Cha	\$0.00	Yes
ML18179	City of Rancho Mirage	8/20/2021	2/19/2022		\$50,000.00	\$50,000.00	Traffic Signal Synchronization	\$0.00	Yes
MS18001	Los Angeles County MTA	6/29/2017	4/30/2018		\$807,945.00	\$652,737.07	Provide Clean Fuel Transit Service to Dodge	\$155,207.93	Yes
MS18002	Southern California Association of G	6/9/2017	11/30/2018	12/30/2021	\$2,500,000.00	\$2,276,272.46	Regional Active Transportation Partnership	\$223,727.54	Yes
MS18003	Geographics	2/21/2017	2/20/2021	6/20/2021	\$72,453.00	\$65,521.32	Design, Host and Maintain MSRC Website	\$6,931.68	Yes
MS18004	Orange County Transportation Autho	8/3/2017	4/30/2019		\$503,272.00	\$456,145.29	Provide Special Rail Service to Angel Stadiu	\$47,126.71	Yes
MS18005	Orange County Transportation Autho	1/5/2018	4/30/2019		\$834,222.00	\$834,222.00	Clean Fuel Bus Service to OC Fair	\$0.00	Yes
MS18006	Anaheim Transportation Network	10/6/2017	2/28/2020		\$219,564.00	\$9,488.22	Implement Anaheim Circulator Service	\$210,075.78	Yes
MS18008	Foothill Transit	1/12/2018	3/31/2019		\$100,000.00	\$99,406.61	Special Transit Service to LA County Fair	\$593.39	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS18010	Southern California Regional Rail Au	12/28/2017	7/31/2019		\$351,186.00	\$275,490.61	Implement Special Metrolink Service to Unio	\$75,695.39	Yes
MS18011	Southern California Regional Rail Au	2/9/2018	6/30/2018		\$239,565.00	\$221,725.12	Special Train Service to Festival of Lights	\$17,839.88	Yes
MS18012	City of Hermosa Beach	2/2/2018	2/1/2024		\$36,000.00	\$36,000.00	Construct New Limited-Access CNG Station	\$0.00	Yes
MS18014	Regents of the University of Californi	10/5/2018	12/4/2019	3/4/2020	\$254,795.00	\$251,455.59	Planning for EV Charging Infrastructure Inve	\$3,339.41	Yes
MS18015	Southern California Association of G	7/13/2018	2/28/2021	11/30/2023	\$2,000,000.00	\$1,585,466.77	Southern California Future Communities Par	\$414,533.23	Yes
MS18016	Southern California Regional Rail Au	1/10/2019	3/31/2019		\$87,764.00	\$73,140.89	Special Train Service to Auto Club Speedwa	\$14,623.11	Yes
MS18023	Riverside County Transportation Co	6/28/2018	6/27/2021	3/31/2023	\$500,000.00	\$500,000.00	Weekend Freeway Service Patrols	\$0.00	Yes
MS18025	Los Angeles County MTA	11/29/2018	5/31/2019		\$1,324,560.00	\$961,246.86	Special Bus and Train Service to Dodger Sta	\$363,313.14	Yes
MS18102	Orange County Transportation Autho	10/4/2019	5/31/2020		\$1,146,000.00	\$1,146,000.00	Implement OC Flex Micro-Transit Pilot Proje	\$0.00	Yes
MS18103	Orange County Transportation Autho	2/8/2019	9/7/2020		\$642,000.00	\$613,303.83	Install Hydrogen Detection System	\$28,696.17	Yes
MS18104	Orange County Transportation Autho	2/21/2020	3/31/2021	3/31/2022	\$212,000.00	\$165,235.92	Implement College Pass Transit Fare Subsi	\$46,764.08	Yes
MS18105	Southern California Regional Rail Au	1/10/2019	6/30/2019		\$252,696.00	\$186,830.04	Special Train Service to the Festival of Light	\$65,865.96	Yes
MS18180	Omnitrans	8/4/2022	8/3/2023		\$83,000.00	\$75,000.00	Modify Vehicle Maintenance Facility and Trai	\$8,000.00	Yes

Total: 54

Closed/Incomplete Contracts

ML18083	City of San Fernando	11/2/2018	11/1/2022		\$20,000.00	\$0.00	Implement Traffic Signal Synchronization	\$20,000.00	No
ML18093	City of Monterey Park	2/1/2019	2/28/2026	10/31/2028	\$25,000.00	\$0.00	Purchase Heavy-Duty Near-ZEV	\$25,000.00	No
ML18133	City of Rancho Mirage	12/7/2018	11/6/2020		\$50,000.00	\$0.00	Traffic Signal Synchronization	\$50,000.00	No
ML18137	City of Wildomar	3/1/2019	5/31/2021	12/1/2022	\$50,000.00	\$0.00	Install Bicycle Trail	\$50,000.00	No
ML18167	City of Beverly Hills	3/29/2019	6/28/2025		\$50,000.00	\$0.00	Purchase Two Heavy-Duty Near-Zero Emiss	\$50,000.00	No
ML18168	City of Maywood	3/29/2019	11/28/2022		\$7,059.00	\$0.00	Purchase EV Charging Infrastructure	\$7,059.00	No
MS18026	Omnitrans	10/5/2018	1/4/2020		\$83,000.00	\$0.00	Modify Vehicle Maintenance Facility and Trai	\$83,000.00	No
MS18118	City of Beverly Hills	3/29/2019	7/28/2025		\$85,272.00	\$0.00	Expansion of Existing CNG Infrastructure	\$85,272.00	No

Total: 8

Open/Complete Contracts

ML18020	City of Colton	5/3/2018	4/2/2024	4/2/2027	\$67,881.00	\$67,881.00	Purchase One Medium-Duty and One Heavy	\$0.00	Yes
ML18028	City of Artesia	6/28/2018	3/27/2025		\$50,000.00	\$50,000.00	Install EVSE	\$0.00	Yes
ML18030	City of Grand Terrace	6/28/2018	3/27/2022	3/27/2025	\$45,000.00	\$45,000.00	Install EVSE	\$0.00	Yes
ML18032	City of Arcadia	2/1/2019	4/30/2025		\$24,650.00	\$24,650.00	Purchase 1 Heavy-Duty Near-ZEV	\$0.00	Yes
ML18033	City of Duarte	8/8/2018	2/7/2025		\$50,000.00	\$50,000.00	Purchase 1-HD ZEV	\$0.00	Yes
ML18036	City of Indian Wells	8/8/2018	5/7/2023	5/7/2026	\$50,000.00	\$50,000.00	Install EV Charging Stations	\$0.00	No
ML18037	City of Westminster	6/28/2018	6/27/2024	12/27/2026	\$120,900.00	\$120,900.00	Install EVSE, Purchase up to 3-LD ZEV & 1-	\$0.00	Yes
ML18038	City of Anaheim	10/5/2018	5/4/2025	5/4/2026	\$151,630.00	\$147,883.27	Purchase 5 Light-Duty ZEVs and Install EVS	\$3,746.73	Yes
ML18039	City of Redlands	6/28/2018	7/27/2024	1/27/2025	\$63,191.00	\$63,190.33	Purchase 1 Medium/Heavy-Duty ZEV and In	\$0.67	Yes
ML18041	City of West Hollywood	8/8/2018	12/7/2023	6/7/2024	\$50,000.00	\$50,000.00	Install EV Charging Infrastructure	\$0.00	Yes
ML18043	City of Yorba Linda	9/7/2018	12/6/2023	12/6/2024	\$87,990.00	\$87,990.00	Install EV Charging Infrastructure	\$0.00	Yes
ML18045	City of Culver City Transportation De	6/28/2018	6/27/2025		\$51,000.00	\$51,000.00	Purchase Eight Near-Zero Vehicles	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML18046	City of Santa Ana - Public Works Ag	11/9/2018	7/8/2026		\$359,591.00	\$359,590.75	Purchase 6 Light-Duty ZEVs, 9 Heavy-Duty	\$0.25	Yes
ML18047	City of Whittier	8/8/2018	4/7/2026	1/7/2029	\$113,910.00	\$113,910.00	Purchase 5 Heavy-Duty Near-Zero Emission	\$0.00	No
ML18048	City of Lynwood	6/28/2018	10/27/2024		\$93,500.00	\$44,505.53	Purchase Up to 3 Medium-Duty Zero-Emissi	\$48,994.47	Yes
ML18059	City of Glendale Water & Power	2/1/2019	7/31/2026	1/31/2028	\$260,500.00	\$232,315.70	Install Electric Vehicle Charging Infrastructur	\$28,184.30	No
ML18061	City of Moreno Valley	4/9/2019	2/8/2025		\$25,000.00	\$25,000.00	Purchase 1 Heavy-Duty Near-ZEV	\$0.00	Yes
ML18062	City of Beaumont	8/8/2018	9/7/2024		\$25,000.00	\$25,000.00	Purchase 1 Heavy-Duty Near-ZEV	\$0.00	Yes
ML18064	City of Eastvale	11/29/2018	4/28/2026	4/28/2029	\$80,400.00	\$61,462.40	Purchase 2 Light-Duty, One Medium-Duty. Z	\$18,937.60	No
ML18072	City of Anaheim	12/18/2018	11/17/2026		\$239,560.00	\$239,560.00	Purchase 9 Light-Duty ZEVs & 2 Med/Hvy-D	\$0.00	Yes
ML18074	City of Buena Park	12/14/2018	6/13/2026		\$107,960.00	\$107,960.00	EV Charging Infrastructure	\$0.00	Yes
ML18080	City of Santa Monica	1/10/2019	12/9/2023	9/9/2025	\$44,289.00	\$44,288.92	Install EV Charging Stations	\$0.08	Yes
ML18081	City of Beaumont	10/5/2018	10/4/2022	10/4/2025	\$31,870.00	\$31,870.00	EV Charging Infrastructure	\$0.00	Yes
ML18085	City of Orange	4/12/2019	10/11/2026		\$50,000.00	\$50,000.00	Purchase Two Heavy-Duty Near-Zero Emiss	\$0.00	Yes
ML18087	City of Murrieta	3/29/2019	3/28/2025		\$143,520.00	\$143,520.00	Install Four EV Charging Stations	\$0.00	Yes
ML18089	City of Glendora	7/19/2019	4/18/2025	10/18/2028	\$50,760.00	\$50,760.00	Purchase a Heavy-Duty ZEV	\$0.00	Yes
ML18095	City of Gardena	11/9/2018	12/8/2024		\$25,000.00	\$25,000.00	Purchase Heavy-Duty Near-ZEV	\$0.00	Yes
ML18096	City of Highland	12/13/2019	8/12/2024		\$10,000.00	\$9,918.84	Purchase Light-Duty Zero Emission Vehicle	\$81.16	Yes
ML18098	City of Redondo Beach	2/1/2019	3/31/2023	3/31/2025	\$89,400.00	\$89,400.00	Install Six EV Charging Stations	\$0.00	Yes
ML18099	City of Laguna Hills	3/1/2019	5/31/2023	9/30/2024	\$32,250.00	\$32,250.00	Install EV Charging Stations	\$0.00	Yes
ML18100	City of Brea	10/29/2020	12/28/2024	12/31/2025	\$56,500.00	\$56,500.00	Install Twenty-Four Level II EV Charging Sta	\$0.00	Yes
ML18101	City of Burbank	2/1/2019	4/30/2024	10/30/2024	\$137,310.00	\$137,310.00	Install Twenty EV Charging Stations	\$0.00	No
ML18132	City of Montclair	4/5/2019	9/4/2023	9/4/2026	\$40,000.00	\$40,000.00	Install Eight EV Chargers	\$0.00	Yes
ML18136	City of Orange	4/12/2019	8/11/2024		\$40,000.00	\$40,000.00	Purchase Four Light-Duty Zero Emission Ve	\$0.00	Yes
ML18141	City of Rolling Hills Estates	2/14/2020	1/13/2024	4/13/2026	\$40,000.00	\$40,000.00	Purchase One Light-Duty ZEV and Install Se	\$0.00	Yes
ML18143	City of La Habra	10/18/2019	9/17/2025	9/17/2027	\$80,700.00	\$80,700.00	Install Two EV Charging Stations	\$0.00	Yes
ML18144	City of Fontana Public Works	10/4/2019	12/3/2023	12/31/2025	\$269,090.00	\$269,090.00	Install Twelve EVSEs	\$0.00	No
ML18157	City of Los Angeles Bureau of Street	6/21/2019	5/20/2027		\$85,000.00	\$85,000.00	Purchase One Medium-Duty ZEV	\$0.00	Yes
ML18159	City of Rialto	12/13/2019	5/12/2024	9/19/2025	\$135,980.00	\$106,597.86	Purchase Nine Light-Duty ZEVs and EV Cha	\$29,382.14	No
ML18161	City of Indio	5/3/2019	10/2/2025		\$25,000.00	\$25,000.00	Purchase 1 Light-Duty Zero Emission and E	\$0.00	Yes
ML18162	City of Costa Mesa	1/10/2020	7/9/2026		\$148,210.00	\$148,210.00	Purchase Three Light-Duty ZEVs and EV Ch	\$0.00	Yes
ML18163	City of San Clemente	3/8/2019	12/7/2024	12/7/2025	\$75,000.00	\$70,533.75	Purchase Three Light-Duty ZEVs and EV Ch	\$4,466.25	Yes
ML18169	City of Alhambra	6/14/2019	8/13/2024		\$111,980.00	\$111,980.00	Install EV Charging Infrastructure	\$0.00	Yes
ML18170	City of Laguna Niguel	1/10/2020	8/9/2028		\$75,100.00	\$75,100.00	Purchase One Light-Duty ZEV and EV Char	\$0.00	No
ML18171	City of El Monte	3/1/2019	4/30/2025		\$68,079.00	\$68,077.81	Purchase One Heavy-Duty ZEVs and EV Ch	\$1.19	Yes
ML18176	City of Coachella	3/1/2019	11/30/2024		\$58,020.00	\$58,020.00	Install EV Charging Stations	\$0.00	Yes
MS18066	El Dorado National	12/6/2019	2/5/2026		\$100,000.00	\$100,000.00	Install New Limited-Access CNG Station	\$0.00	Yes
MS18073	Los Angeles County MTA	1/10/2019	2/9/2026		\$2,000,000.00	\$2,000,000.00	Purchase 40 Zero-Emission Transit Buses	\$0.00	Yes
MS18108	Capistrano Unified School District	2/1/2019	5/30/2025	9/30/2026	\$111,750.00	\$111,750.00	Expansion of Existing Infrastructure	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS18110	Mountain View Unified School Distric	2/1/2019	3/31/2025		\$275,000.00	\$61,747.29	Install New Limited-Access CNG Infrastructu	\$213,252.71	No
MS18115	City of Commerce	6/7/2019	12/6/2025	7/6/2026	\$275,000.00	\$275,000.00	Expansion of Existing L/CNG Infrastructure	\$0.00	No
MS18117	City of San Bernardino	6/7/2019	11/6/2025		\$240,000.00	\$240,000.00	Expansion of Existing CNG Infrastructure/Me	\$0.00	Yes
MS18120	City of Redondo Beach	2/1/2019	9/30/2025		\$275,000.00	\$275,000.00	Install New Limited-Access CNG Infrastructu	\$0.00	Yes
MS18122	Universal Waste Systems, Inc.	2/1/2019	3/31/2025	7/31/2027	\$195,000.00	\$195,000.00	Install New Limited Access CNG Infrastructu	\$0.00	Yes
MS18123	City Rent A Bin DBA Serv-Wel Dispo	12/14/2018	2/13/2025		\$200,000.00	\$200,000.00	Install New Limited-Access CNG Infrastructu	\$0.00	Yes
MS18124	County Sanitation Districts of Los An	7/31/2019	2/28/2027		\$275,000.00	\$275,000.00	Install New Limited-Access CNG Infrastructu	\$0.00	Yes
MS18125	U.S. Venture	5/9/2019	8/8/2025		\$200,000.00	\$200,000.00	Install New Limited-Access CNG Infrastructu	\$0.00	Yes

Total: 57

Terminated Contracts

ML18058	City of Perris	10/12/2018	11/11/2024	11/11/2028	\$94,624.00	\$0.00	Purchase 1 Medium-Duty ZEV and EV Char	\$94,624.00	No
MS18029	Irvine Ranch Water District	8/8/2018	10/7/2024	1/7/2029	\$185,000.00	\$0.00	Install New Limited Access CNG Station & T	\$185,000.00	No

Total: 2

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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FY 2018-2021 Contracts

Open Contracts

MS21002	Better World Group Advisors	11/1/2019	12/31/2022	12/31/2024	\$448,154.00	\$220,442.50	Programmatic Outreach Services	\$227,711.50	No
MS21005	Southern California Association of G	5/5/2021	1/31/2024	7/31/2025	\$16,751,000.00	\$132,085.88	Implement Last Mile Goods Movement Progr	\$16,618,914.12	No
MS21006	Geographics	4/1/2021	6/20/2023	6/20/2025	\$20,152.00	\$13,845.50	Hosting & Maintenance of the MSRC Websit	\$6,306.50	No
MS21009	ITS Technologies & Logistics, LLC	7/15/2022	7/14/2028		\$1,686,900.00	\$168,690.00	Deploy 12 Zero-Emission Yard Tractors	\$1,518,210.00	No
MS21010	MHX, LLC	9/29/2021	1/28/2028	7/28/2029	\$569,275.00	\$0.00	Deploy One Zero-Emission Overhead Crane	\$569,275.00	No
MS21013	4 Gen Logistics	3/27/2022	5/26/2028		\$7,000,000.00	\$4,567,500.00	Deploy 40 Zero Emssion Trucks	\$2,432,500.00	No
MS21015	Premium Transportation Services, In	9/22/2021	5/21/2027	1/2/2028	\$1,500,000.00	\$1,334,758.50	Deploy up to 15 Near-Zero Emissions Truck	\$165,241.50	No
MS21016	Ryder Integrated Logistics, Inc.	12/7/2022	4/6/2029		\$3,169,746.00	\$0.00	Procure Two Integrated Power Centers and	\$3,169,746.00	No
MS21017	MHX, LLC	9/29/2021	9/28/2030		\$1,900,000.00	\$1,900,000.00	Deploy up to 10 Zero-Emission Trucks & Infr	\$0.00	No
MS21018	Pac Anchor Transportation, Inc.	8/17/2021	8/16/2027	8/16/2028	\$2,100,000.00	\$1,440,000.00	Deploy up to 21 Near Zero Emission Trucks	\$660,000.00	No
MS21019	Volvo Financial Services	3/31/2022	3/30/2030		\$3,930,270.00	\$2,095,869.15	Lease up to 14 Zero-Emission Trucks and P	\$1,834,400.85	No
MS21023	BNSF Railway Company	4/22/2022	4/21/2028	4/21/2029	\$1,313,100.00	\$0.00	Install EV Charging Infrastructure	\$1,313,100.00	No

Total: 12

Declined/Cancelled Contracts

MS21008	CMA CGM (America) LLC				\$3,000,000.00	\$0.00	Deploy 2 Zero-Emission Rubber Tire Gantry	\$3,000,000.00	No
MS21011	RDS Logistics Group	1/21/2022	7/20/2028		\$808,500.00	\$0.00	Deploy 3 Zero-Emission Yard Tractors and	\$808,500.00	No
MS21012	Amazon Logistics, Inc.				\$4,157,710.00	\$0.00	Deploy up to 10 Zero-Emission and 100 Nea	\$4,157,710.00	No
MS21020	Sea-Logix, LLC				\$2,300,000.00	\$0.00	Deploy up to 23 Near-Zero Emssions Trucks	\$2,300,000.00	No
MS21021	CMA CGM (America) LLC				\$1,946,463.00	\$0.00	Deploy up to 13 Near Zero Emission Trucks	\$1,946,463.00	No
MS21022	Orange County Transportation Autho				\$289,054.00	\$0.00	Implement Special Transit Service to the Or	\$289,054.00	No

Total: 6

Closed Contracts

MS21001	Los Angeles County MTA	8/30/2019	7/29/2020		\$613,752.87	\$613,752.87	Implement Special Transit Service to Dodge	\$0.00	Yes
MS21003	Orange County Transportation Autho	7/8/2020	5/31/2021		\$468,298.00	\$241,150.48	Provide Express Bus Service to the Orange	\$227,147.52	Yes
MS21004	Los Angeles County MTA	1/7/2021	5/31/2023		\$814,822.00	\$326,899.00	Clean Fuel Bus Service to Dodger Stadium	\$487,923.00	Yes

Total: 3

Open/Complete Contracts

MS21007	Penske Truck Leasing Co., L.P.	4/1/2022	3/31/2028		\$957,813.00	\$957,812.40	Deploy 5 Zero-Emission Yard Tractors	\$0.60	Yes
MS21014	Green Fleet Systems, LLC	8/31/2021	8/30/2027	8/30/2028	\$300,000.00	\$300,000.00	Deploy up to 3 Near Zero Emission Trucks	\$0.00	Yes
MS21025	Costco Wholesale Corporation	12/9/2022	12/8/2028		\$160,000.00	\$160,000.00	Install Five EV Charging Units	\$0.00	Yes

Total: 3

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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FY 2021-2024 Contracts

Open Contracts

MS24001	Los Angeles County MTA	1/26/2023	5/31/2028		\$1,200,248.00	\$0.00	Provide Clean Fuel Bus Service to Dodger S	\$1,200,248.00	No
MS24002	South Pasadena Police Department	1/16/2024	5/15/2030		\$499,789.00	\$0.00	Procure Zero-Emission Vehicles and Infrastr	\$499,789.00	No
MS24003	Omnitrans	4/15/2024	10/30/2025		\$315,278.00	\$0.00	Bloomington Microtransit Service Expansion	\$315,278.00	No
MS24004	City of Seal Beach	12/21/2023	9/30/2025		\$162,891.00	\$0.00	Circuit Transit Shared Mobility	\$162,891.00	No
MS24005	City of Huntington Beach	7/1/2024	9/1/2026		\$279,186.00	\$0.00	Circuit Transit Rideshare Program	\$279,186.00	No
MS24006	Anaheim Transportation Network	10/12/2023	5/31/2025		\$322,000.00	\$0.00	Old Towne Orange Microtransit Service	\$322,000.00	No
MS24008	City of Long Beach	3/19/2024	1/31/2026		\$410,734.00	\$0.00	Circuit Transit Mobility Transit Expansion Pr	\$410,734.00	No

Total: 7

Pending Execution Contracts

MS24007	City of Gardena				\$424,134.00	\$0.00	Gtrans Microtransit Service	\$424,134.00	No
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Total: 1



AB2766 Discretionary Fund Program Invoices

4/25/24 to 5/29/24

Contract Admin.	MSRC Chair	MSRC Liaison	Finance	Contract #	Contractor	Invoice #	Amount
<i>2016-2018 Work Program</i>							
4/25/2024	5/16/2024	5/16/2024	5/21/2024	MS18024	Riverside County Transportation Commission	03683	\$40,800.00
Total: \$40,800.00							
<i>2018-2021 Work Program</i>							
5/16/2024	5/16/2024	5/16/2024	5/21/2024	MS21002	Better World Group Advisors	WG-MSRC4	\$1,965.70
5/1/2024	5/16/2024	5/16/2024	5/21/2024	MS21006	Geographics	24-23644	\$373.00

Total: \$2,338.70

Total This Period: \$43,138.70

AGENDA ITEM # 4

Financial Report on AB 2766 Discretionary Fund
and
Results of the 15th Biennial AB 2766 Audit

**AB 2766 Discretionary Fund
Financial Report**

Available Funding (a)		\$ 72,490,602
Less Awards by Work Program: (b)		
FY 2018-21	-	
FY 2021-24	(42,083,305)	
Total Awards by Work Program:		\$ (42,083,305)
Less Balance of FY 2018-21 and FY 2021-24 Work Programs (funding not yet awarded)		\$ -
Sub-total - Surplus/(Deficit)		\$ 30,407,297
Estimated Revenue (e)		\$ 4,668,054
Estimated Available		\$ 35,075,351

Notes:

- (a) Cash less: open commitments on executed contracts, balance on administrative budget and \$500,000 reserve.
- (b) Information provided by MSRC contracts staff. (Awards = Board approved contracts pending execution)
- (c) FY 18-21 & FY 21-24 Work Program Summary:

<u>FY 2018-21 Work Program</u>	Total	Executed Contracts	Awarded	Balance
Major Event Center Transportation Program	\$ 4,134,027	\$ 4,134,027	\$ -	\$ -
MSRC Website Hosting & Maintenance	\$ 20,952	\$ 20,952	\$ -	\$ -
Natural Gas Infrastructure Program	\$ 1,012,772	\$ 1,012,772	\$ -	\$ -
Programmatic Outreach Coordinator (MS16030 modification)	\$ 15,000	\$ 15,000	\$ -	\$ -
Programmatic Outreach Coordinator	\$ 265,079	\$ 265,079	\$ -	\$ -
Technical Advisor - Work Program Portion	\$ 272,475	\$ 272,475	\$ -	\$ -
Market Acceleration Program	\$ 1,000,000	\$ 1,000,000	\$ -	\$ -
VIP Plus Up Incentive Program	\$ 695,000	\$ 695,000	\$ -	\$ -
Regional Goods Movement Program	\$ 16,751,000	\$ 16,751,000	\$ -	\$ -
Inland Ports Zero and Near-Zero Emission Trucking	\$ 20,300,016	\$ 20,300,016	\$ -	\$ -
Inland Ports Zero and Near-Zero Emission Cargo Handling	\$ 5,537,775	\$ 5,537,775	\$ -	\$ -
Zero-Emission Drayage Truck and Infrastructure Pilot Project	\$ 8,000,000	\$ 8,000,000	\$ -	\$ -
Hydrogen Infrastructure Projects	\$ 2,322,000	\$ 2,322,000	\$ -	\$ -
FY 2018-21 Totals	\$ 60,326,096	\$ 60,326,096	\$ -	\$ -

<u>FY 2021-24 Work Program</u>	Total	Executed Contracts	Awarded	Balance
Technical Advisor - Work Program Portion	\$ 379,673	\$ 379,673	\$ -	\$ -
Major Event Center Transportation Program	\$ 1,200,248	\$ 1,200,248	\$ -	\$ -
Transformative Transportation Strategies & Mobility Solutions	\$ 499,789	\$ 499,789	\$ -	\$ -
Programmatic Outreach Coordinator (MS21002 modification)	\$ 183,100	\$ 183,100	\$ -	\$ -
MSRC Website Hosting & Maintenance (MS21006 modification)	\$ 7,200	\$ 7,200	\$ -	\$ -
Microtransit Operations	\$ 1,914,223	\$ 1,490,089	\$ 424,134	\$ -
Publicly Accessible Goods Movement Zero-Emission Infrastructure	\$ 41,659,171	\$ -	\$ 41,659,171	\$ -
Advanced Technology Demonstration and Pilot Projects	\$ -	\$ -	\$ -	\$ -
FY 2021-24 Totals	\$ 45,843,404	\$ 3,760,099	\$ 42,083,305	\$ -

- (d) Annual estimated revenue for outyears is projected to be \$16.5 million per year based on FY 2022-23 revenue. Any change to Health & Safety Code 44243 could affect future revenue.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

***MOBILE SOURCE AIR POLLUTION REDUCTION
REVIEW COMMITTEE FUND
(SEGMENT 3)***

***INDEPENDENT ACCOUNTANT'S REPORT ON
APPLYING AGREED-UPON PROCEDURES***

FOR THE YEARS ENDED JUNE 30, 2021 and 2020





SIMPSON & SIMPSON
CERTIFIED PUBLIC ACCOUNTANTS

FOUNDING PARTNERS
BRANARD C. SIMPSON, CPA
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Independent Accountant's Report On Applying Agreed-Upon Procedures

The Governing Board of
The South Coast Air Quality Management District

We have performed the procedures enumerated below to the financials and other records of the South Coast Air Quality Management District (SCAQMD), which were agreed to by the management of the SCAQMD, solely to assist you in determining whether automobile registration fee revenues (AB 2766 funds) distributed to the Mobile Source Air Pollution Reduction Review Committee (MSRC) during fiscal years 2019-20 and 2020-21 were spent on the reduction of air pollution from motor vehicles pursuant to the California Clean Air Act of 1988 or the SCAQMD's Air Quality Management Plan (AQMP) prepared pursuant to Article 5 of Chapter 5.5 of Part 3 of the California Health and Safety Code (CHSC). The SCAQMD's management is responsible for use of AB 2766 funds in accordance with the cited criteria. This agreed-upon procedures engagement was conducted in accordance with attestation standards established by the American Institute of Certified Public Accountants. The sufficiency of these procedures is solely the responsibility of those parties specified in this report. Consequently, we make no representation regarding the sufficiency of the procedures described below either for the purpose for which this report has been requested or any other purpose.

Our procedures and results are as follows.

1. We reviewed the list of the MSRC members to verify that, in accordance with CHSC 44244(a), the Committee consists of a representative from each of the specified agencies.

Result

We noted no exceptions in performing this procedure.

2. In accordance with CHSC Section 44244(b), we verified that the MSRC developed and adopted work programs for fiscal years 2019-20 and 2020-21 that were approved by the SCAQMD Governing Board.

Result

We noted no exceptions in performing this procedure.

3. We reviewed the list of the Technical Advisory Committee (TAC) members to verify that membership of TAC is in accordance with the specifications of CHSC Section 44244(c). As required by CHSC Section 44244(c), the TAC advisory committee shall also include one or more person who is a mechanical engineer specializing in vehicle engines.

Result

We noted that for the period reviewed (July 1, 2019 through June 30, 2021), the TAC position for a mechanical engineer specializing in vehicle engines was vacant. In addition, we noted that the TAC position for a representative of the Cities of Los Angeles County, reflected vacant position. We noted no other exceptions in performing this procedure.

4. We obtained an understanding of how AB 2766 funds are accounted for, including whether AB 2766 funds are maintained in a separate fund or if there is a separate accounting for the funds maintained by other means.

Result

We noted that the MSRC has a separate fund called the Mobile Source Air Pollution Reduction Review Committee Fund.

5. We obtained an understanding of established internal control procedures related to the receipt and use of AB 2766 funds.

Result

We noted no exceptions in performing this procedure.

6. We agreed AB 2766 revenues recorded in the Mobile Source Air Pollution Reduction Fund General Ledger to the SCAQMD's record of disbursements.

Result

We noted no exceptions in performing this procedure.

7. We conducted interviews in order to obtain an understanding of how the SCAQMD allocates interest earned and determined the reasonableness of the interest allocation and that interest was used for the same purposes for which AB 2766 funds were allocated to the SCAQMD.

Result

We noted no exceptions on the cost allocation schedule.

8. We tested AB 2766 expenditures of the Mobile Source Air Pollution Reduction Fund for each year to determine:
 - a) allowability, reasonableness, adequacy of supporting documentation, proper approval, clearly identified the project, and were incurred during the fiscal year;
 - b) that the funds were spent in accordance with CHSC Section 44220(b), which requires that AB 2766 fund expenditures were incurred solely to reduce air pollution from motor vehicles and for related planning, monitoring, enforcement and technical studies necessary for implementation of the California Clean Air Act of 1988; and
 - c) in accordance with CHSC Section 44235, the SCAQMD did not use AB 2766 fees for the purpose of establishing or maintaining the district as a direct provider of the car pool, van pool, or other ridesharing or transit services.

Result

We noted no exceptions in performing this procedure.

9. We analyzed AB 2766 administrative expenditures to verify, in accordance with CHSC Section 44233, that the MSRC did not use more than 6.25% of the AB 2766 fees for administrative expenditures.

Result

We noted no exceptions in performing this procedure.



10. We obtained the SCAQMD expenditures to verify, in accordance with CHSC Section 44244.1(d), that the MSRC expended AB 2766 fees within one year of the program or project completion date.

Result

We noted no exceptions in performing this procedure.

11. We reviewed the SCAQMD's financial statements to verify that the Mobile Source Air Pollution Reduction Review Committee Fund was audited as part of the SCAQMD's annual audit conducted by an Independent CPA firm.

Result

We noted that the Mobile Source Air Pollution Reduction Review Committee Fund was audited as part of the SCAQMD's annual audit conducted by an Independent CPA firm.

We were not engaged to and did not conduct an examination or review, the objective of which would be the expression of an opinion on the MSRC's compliance with the California Clean Air Act of 1988 or the SCAQMD's Air Quality Management Plan (AQMP) prepared pursuant to Article 5 of Chapter 5.5 of Part 3 of the California Health and Safety Code (CHSC). Accordingly, we do not express such an opinion. Had we performed additional procedures, other matters might have come to our attention that would have been reported to you.

This report is intended solely for the information and use of the governing board and management of the SCAQMD, members of the Mobile Source Air Pollution Reduction Review Committee and members of the Technical Advisory Committee of the MSRC and is not intended to be, and should not be used anyone other than those specified parties.

A handwritten signature in cursive script that reads "Simpson & Simpson".

Los Angeles, California
December 26, 2023

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

***MOBILE SOURCE AIR POLLUTION REDUCTION
REVIEW COMMITTEE FUND
(SEGMENT 3 - PROJECTS)***

***INDEPENDENT ACCOUNTANT'S REPORT ON
APPLYING AGREED-UPON PROCEDURES***

FOR THE YEARS ENDED JUNE 30, 2021 and 2020





SIMPSON & SIMPSON
CERTIFIED PUBLIC ACCOUNTANTS

FOUNDING PARTNERS
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Independent Accountant's Report On Applying Agreed-Upon Procedures

The Governing Board of
The South Coast Air Quality Management District

We have performed the procedures enumerated below on automobile registration fee revenues (AB 2766 funds) distributed to the Mobile Source Air Pollution Reduction Review Committee (MSRC) for the fiscal years ended June 30, 2021 and 2020. The MSRC is responsible for spending AB 2766 funds on the reduction of air pollution from motor vehicles pursuant to the California Clean Air Act of 1988 or the South Coast Air Quality Management District's (South Coast AQMD) Air Quality Management Plan (AQMP) prepared pursuant to Article 5 of Chapter 5.5 of Part 3 of the California Health and Safety Code (CHSC).

The South Coast AQMD has agreed to and acknowledged that the procedures performed are appropriate to meet the intended purpose of solely to assist in determining whether AB 2766 funds distributed to the MSRC for the fiscal years ended June 30, 2021 and 2020 were spent on the reduction of air pollution from motor vehicles pursuant to California Clean Air Act of 1988 or the South Coast AQMD's AQMP. This report may not be suitable for any other purpose. The procedures performed may not address all the items of interest to a user of this report and may not meet the needs of all users of this report, and as such, users are responsible for determining whether the procedures performed are appropriate for their purposes.

Our procedures and results are as follows.

1. We examined and tested ten (10) projects, as presented in Attachment A, approved for funding for the fiscal years ended June 30, 2021 and 2020 by the MSRC to determine if these projects aligned with the work programs for the fiscal years ended June 30, 2021 and 2020, and if these were properly approved by the South Coast AQMD's Governing Board.

Result

We noted no exceptions in performing this procedure.



2. For the ten projects selected for fiscal years ended June 30, 2021 and 2020, as presented in Attachment A, we verified that the project was proposed under the fiscal years ended June 30, 2021 and 2020 work programs that was developed and adopted by the MSRC and approved by the SCAQMD Board in accordance with CHSC Section 44244(b).

Result

We noted no exceptions in performing this procedure.

3. Obtain an understanding of how AB 2766 funds are accounted for, including whether AB 2766 funds are maintained in a separate fund or if there is a separate accounting for the funds maintained by other means.

Result

We noted that the MSRC has a separate fund called the Mobile Source Air Pollution Reduction Review Committee Fund (Fund 23).

4. We obtained an understanding of established internal control procedures related to the receipt and use of AB 2766 funds.

Result

We noted no exceptions in performing this procedure.

5. We agreed AB 2766 revenues recorded in the Mobile Source Air Pollution Reduction Fund General Ledger to the SCAQMD's record of disbursements.

Result

We noted no exceptions in performing this procedure.

6. We obtained a detailed listing of expenditures for the ten projects approved during fiscal years ended June 30, 2021 and 2020 and selected a sample of expenditures for testing. We tested AB 2766 expenditures of the Mobile Source Air Pollution Reduction Fund for each year to determine:

- a) allowability, reasonableness, adequacy of supporting documentation, proper approval, clearly identified the project, and were incurred during the fiscal year;
- b) that the funds were spent in accordance with CHSC Section 44220(b), which requires that AB 2766 fund expenditures were incurred solely to reduce air pollution from motor vehicles and for related planning, monitoring, enforcement



and technical studies necessary for implementation of the California Clean Air Act of 1988; and

- c) that the expenditures are in accordance with CHSC Section 44235, which prevents AB 2766 fees for the purpose of establishing or maintaining the district as a direct provider of the carpool, van pool, or other ridesharing or transit services.

Result

We noted no exceptions in performing this procedure.

- 7. We obtained a listing of the SCAQMD expenditures to verify, in accordance with CHSC Section 44244.1(d), that the MSRC expended AB 2766 fees within one year of the program or project completion date and that no more than 6.25% of the AB 2766 funds are used for administrative costs.

Result

We noted no exceptions in performing this procedure.

We were engaged by the South Coast AQMD to perform this agreed-upon procedures engagement and conducted our engagement in accordance with attestation standards established by the American Institute of Certified Public Accountants. We were not engaged to and did not conduct an examination or review engagement, the objective of which would be the expression of an opinion or conclusion, respectively, on whether AB 2766 funds distributed to the MSRC for the fiscal years ended June 30, 2021 and 2020 were spent on the reduction of air pollution from motor vehicles pursuant to California Clean Air Act of 1988 or the South Coast AQMD's AQMP. Accordingly, we do not express such an opinion or conclusion. Had we performed additional procedures, other matters might have come to our attention that would have been reported to you.

We are required to be independent of the South Coast AQMD and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements related to our agreed-upon procedures engagement.

A handwritten signature in black ink that reads "Simpson & Simpson". The signature is written in a cursive, flowing style.

Los Angeles, California
December 26, 2023

ATTACHMENT A
REVIEW RESULTS OF TEN (10) MSRC PROJECTS

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
MOBILE SOURCE AIR POLLUTION REDUCTION
REVIEW COMMITTEE FUND
REVIEW RESULTS OF TEN (10) MSRC PROJECTS

Contract No.: MS21002

Contractor: Better World Group Advisors, Inc.

Project Title: Develop sound bites on MSRC programs and projects to use in press releases, speeches, etc.

Project Status*: In Progress

AB 2766 Funding Adopted	Amount Paid to Date*	Contract Balance*	Questioned Costs	Costs Accepted
\$265,079	\$65,222	\$199,857	\$ -	\$65,222

Audit Results: No findings

* Project status, amount paid to date, and contract balance are as of June 30, 2021.

** AB 2766 funding was increased to \$448,154 per Contract Modification No. MS21002E executed on December 21, 2022.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
 MOBILE SOURCE AIR POLLUTION REDUCTION
 REVIEW COMMITTEE FUND
 REVIEW RESULTS OF TEN (10) MSRC PROJECTS
 (CONTINUED)

Contract No.: MS21003

Contractor: Orange County Transportation Authority

Project Title: Implement a special Orange County Fair service by providing express bus service directly to the Orange County Fair from nine existing transit stations located throughout Orange County on Saturdays and Sundays in 2019 and 2020.

Project Status*: Contract term ended on May 31, 2021

AB 2766 Funding Adopted	Amount Paid to Date*	Contract Balance*	Questioned Costs	Costs Accepted
\$ 468,298	\$ -	\$ 468,298	\$ -	\$ -

Audit Results: No findings

* Project status, amount paid to date, and contract balance are as of June 30, 2021.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
 MOBILE SOURCE AIR POLLUTION REDUCTION
 REVIEW COMMITTEE FUND
 REVIEW RESULTS OF TEN (10) MSRC PROJECTS
 (CONTINUED)

Contract No.: MS21005

Contractor: Southern California Association of Governments

Project Title: Serve as implementer of the last-mile project commercial deployment through a sole source contract.

Project Status*: In Progress

AB 2766 Funding Adopted**	Amount Paid to Date*	Contract Balance*	Questioned Costs	Costs Accepted
\$ 10,000,000	\$ -	\$ 10,000,000	\$ -	\$ -

Audit Results: No findings

* Project status, amount paid to date, and contract balance are as of June 30, 2021.

** AB 2766 funding was increased to \$16,751,000 per Contract Modification No. MS21005A executed on August 11, 2022.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
 MOBILE SOURCE AIR POLLUTION REDUCTION
 REVIEW COMMITTEE FUND
 REVIEW RESULTS OF TEN (10) MSRC PROJECTS
 (CONTINUED)

Contract No.: MS21006

Contractor: Geographics

Project Title: Host and maintain the MSRC website under the www.CleanTransportationFunding.org domain name, including future minor modifications to the website.

Project Status*: In Progress**

AB 2766 Funding Adopted	Amount Paid to Date*	Contract Balance*	Questioned Costs	Costs Accepted
\$ 12,952	\$ 10,465	\$ 2,487	\$ -	\$ 10,465

Audit Results: No findings

* Project status, amount paid to date, and contract balance are as of June 30, 2021.

** Contract term ended on June 20, 2023.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
 MOBILE SOURCE AIR POLLUTION REDUCTION
 REVIEW COMMITTEE FUND
 REVIEW RESULTS OF TEN (10) MSRC PROJECTS
 (CONTINUED)

Contract No.: MS21009

Contractor: ITS Technologies & Logistics, LLC

Project Title: Procure and place 12 zero emission vehicles into regular service at the Burlington Northern Santa Fe (BNSF) Railway Facility located at 1535 W. 4th Street, San Bernardino, California.

Project Status*: In Progress

AB 2766 Funding Adopted	Amount Paid to Date*	Contract Balance*	Questioned Costs	Costs Accepted
\$ 1,686,900	\$ -	\$ 1,686,900	\$ -	\$ -

Audit Results: No findings

* Project status, amount paid to date, and contract balance are as of June 30, 2021.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
 MOBILE SOURCE AIR POLLUTION REDUCTION
 REVIEW COMMITTEE FUND
 REVIEW RESULTS OF TEN (10) MSRC PROJECTS
 (CONTINUED)

Contract No.: MS21013

Contractor: 4 Gen Logistics

Project Title:** Procure and place into regular service 40 Volvo model VNRE6ST battery electric zero emission semi-tractors; and deploy charging infrastructure to support the vehicles.

Project Status*: In Progress

AB 2766 Funding Adopted	Amount Paid to Date*	Contract Balance*	Questioned Costs	Costs Accepted
\$ 7,000,000	\$ -	\$ 7,000,000	\$ -	\$ -

Audit Results: No findings

* Project status, amount paid to date, and contract balance are as of June 30, 2021.

** Project description was modified per Contract Modification No. MS21013C executed on May 30, 2023.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
 MOBILE SOURCE AIR POLLUTION REDUCTION
 REVIEW COMMITTEE FUND
 REVIEW RESULTS OF TEN (10) MSRC PROJECTS
 (CONTINUED)

Contract No.: MS21014
Contractor: Green Fleet Systems, LLC
Project Title: Procure 5 Mack Anthem near-zero emission trucks.
Project Status*: In Progress

<u>AB 2766 Funding Adopted</u>	<u>Amount Paid to Date*</u>	<u>Contract Balance*</u>	<u>Questioned Costs</u>	<u>Costs Accepted</u>
\$ 500,000	\$ -	\$ 500,000	\$ -	\$ -

Audit Results: No findings

* Project status, amount paid to date, and contract balance are as of June 30, 2021.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
MOBILE SOURCE AIR POLLUTION REDUCTION
REVIEW COMMITTEE FUND
REVIEW RESULTS OF TEN (10) MSRC PROJECTS
(CONTINUED)

Contract No.: MS21017

Contractor: MHX, LLC

Project Title: Procure and place into regular service 10 Tesla Semi Class 8 zero emission vehicles; and procure and install at 13600 Napa Street, Fontana, California, two Tesla Mega-chargers or comparable charging infrastructure to support the vehicles..

Project Status*: In Progress

AB 2766 Funding Adopted	Amount Paid to Date*	Contract Balance*	Questioned Costs	Costs Accepted
\$ 1,900,000	\$ -	\$ 1,900,000	\$ -	\$ -

Audit Results: No findings

* Project status, amount paid to date, and contract balance are as of June 30, 2021.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
 MOBILE SOURCE AIR POLLUTION REDUCTION
 REVIEW COMMITTEE FUND
 REVIEW RESULTS OF TEN (10) MSRC PROJECTS
 (CONTINUED)

Contract No.: MS21018

Contractor: Pac Anchor Transportation, Inc.

Project Title: Procure 23 Volvo VNL near-zero emission trucks (equipped with an engine certified by the California Air Resources Board to the Optional NOx standard of 0.02 g/bhp-hr).

Project Status*: In Progress

<u>AB 2766 Funding Adopted</u>	<u>Amount Paid to Date*</u>	<u>Contract Balance*</u>	<u>Questioned Costs</u>	<u>Costs Accepted</u>
\$ 2,300,000	\$ -	\$ 2,300,000	\$ -	\$ -

Audit Results: No findings

* Project status, amount paid to date, and contract balance are as of June 30, 2021.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
 MOBILE SOURCE AIR POLLUTION REDUCTION
 REVIEW COMMITTEE FUND
 REVIEW RESULTS OF TEN (10) MSRC PROJECTS
 (CONTINUED)

Contract No.: MS21019

Contractor: Volvo Financial Services

Project Title: Procure 14 Volvo VNR Electric Class 8 zero emission vehicles, and to lease these vehicles to Quality Custom Distribution. Also, procure 8 ABB Terra 184 dual-port electric vehicle chargers and 2 Heliox mobile fast chargers, and to lease this equipment to Quality Custom Distribution.

Project Status*: In Progress

<u>AB 2766 Funding Adopted</u>	<u>Amount Paid to Date*</u>	<u>Contract Balance*</u>	<u>Questioned Costs</u>	<u>Costs Accepted</u>
\$ 3,930,270	\$ -	\$ 3,930,270	\$ -	\$ -

Audit Results: No findings

* Project status, amount paid to date, and contract balance are as of June 30, 2021.

AGENDA ITEM # 5

Consider Extension Request
by City of San Fernando

MSRC Agenda Item No. 5

DATE: June 20, 2024

FROM: Cynthia Ravenstein, MSRC Contracts Administrator

SUBJECT: Four-Month Term Extension by City of San Fernando, Contract #ML16075

SYNOPSIS: The City requests a four-month term extension because discrepancies in elevations necessitated plan revisions and heavy rains further delayed the project. This contract has previously been extended by five years and six months as part of the FYs 2014-16 Local Government Match Program.

FINANCIAL IMPACT: None

RECOMMENDATIONS: The MSRC Contracts Administrator recommends approval. The MSRC-TAC reviewed the request and recommends approval.

ATTACHMENTS: Contractor’s letter requesting modification

DISCUSSION:

Contractor: City of San Fernando

Project Title: Install Class I Bikeway

MSRC Funding: \$354,000

Project Term: October 27, 2016 to February 26, 2022

Current Request: 18-month term extension

Previous Requests: 30-month term extension; One-year term extension; one-year term extension; one-year term extension

Project Description: The MSRC awarded the City \$354,000 to install the 1.6 mile Class I Pacoima Wash Bikeway project. While the City indicates the project is 85% complete, no deliverable has been completed and nothing has been paid to date.

Previous Requests: In November 2018, the City indicated that the need to obtain Army Corps of Engineers’ approval for a segment of the work was delaying the project. The City requested a one-year contract term extension. This modification was processed administratively.

In October 2019, the City indicated that they were still waiting for the Army Corps of Engineers' approval. The City requested a one-year contract term extension. The MSRC approved the request at their November 2019 meeting.

In November 2020, the City attested that they were still waiting for Army Corps of Engineers' approval before they could submit their design packet to Caltrans. They had no control over this permit process nor any leverage to expedite it. The City requested, and the MSRC approved, an additional one-year term extension.

In December 2021, the City indicated that they had just received the subject Army Corp of Engineers' permit as of November 10, 2021. They expected to submit "Plans, Specifications and Estimate" to Caltrans in December 2021, and select a construction contractor in February 2022. The City requested, and the MSRC approved, an 18-month term extension to complete the project.

Contract Request: The City indicates that during the spring of 2023, discrepancies in documented and actual elevations were identified. This necessitated a ground topographic survey of the project site and extensive plan revisions based on the new survey information. Heavy rains in February 2024 caused further delays. As a result, the City requests a four-month term extension to complete the work.

Recommendations: The MSRC Contracts Administrator recommends approval. The MSRC-TAC reviewed the request and recommends approval.

THE CITY OF SAN FERNANDO

CITY COUNCIL

MAYOR
CELESTE T. RODRIGUEZ

VICE MAYOR
MARY MENDOZA

COUNCILMEMBER
JOEL FAJARDO

COUNCILMEMBER
VICTORIA GARCIA

COUNCILMEMBER
MARY SOLORIO

May 22, 2024

Sindy Enriquez
South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765

SUBJECT: Project Extension Request

Ms. Enriquez:

The City of San Fernando is requesting to have the term of MSRC Contract #ML16075B, Installation of a Class 1 Bikeway, extended to December 31, 2024; four additional months. As of the date of this letter, the Bikeway Project is 85 percent complete and is scheduled to be completed during October 2024.

New Project Schedule:

FINAL SCOPE	START DATE	COMPLETION DATE
Construction of Bikeway and Pedestrian Path	March 6, 2023	October 10, 2024
Offsite Improvements	January 3, 2024	June 21, 2024
Fence Work	January 4, 2024	July 9, 2024
Electrical Improvements	February 6, 2024	September 26, 2024
Final Grading & Punch Works	September 26, 2024	October 10, 2024

Per contract #ML16075B, the City of San Fernando has a project deliverable date of August 26, 2024. Though the Project is 85 percent complete, the stated delivery date will not be met due to the following reason:

During the spring of 2023, discrepancies between the elevations indicated on the plans and the actual elevations in the field were found. In this case the discrepancies were as much as six to seven feet, therefore, the proposed bike path's design profiles and bioswale grading did not align with field conditions. Due to this the project was temporarily suspended for a couple of months while the contractor conducted additional work to complete a ground topographic survey of the site and the design consultant conducted extensive plan revisions based on new survey information.

PUBLIC WORKS
DEPARTMENT

117 MACNEIL STREET
SAN FERNANDO
CALIFORNIA
91340

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Sindy Enriquez

Project Extension Request

Page 2 of 2

Additionally, the heavy rains which occurred during February 2024 delayed the project approximately three weeks.

The consequences of being denied an extension to the contract term is that the "final" invoices related to construction will not be submitted by the contractor and processed for payment by City prior to the August 26, 2024 project completion date. The City does not have funding available to offset the loss of MSRC funds if the requirements within Contract #ML16075B are not fulfilled by the City.

So due to the circumstance described above, the City of San Fernando respectfully requests that the term of MSRC Contract #ML16075B, Installation of a Class 1 Bikeway, be extended to December 31, 2024; four additional months.

Sincerely,

A handwritten signature in black ink, appearing to read "Kenneth Jones". The signature is fluid and cursive, with the first name being more prominent.

Kenneth Jones
Management Analyst

AGENDA ITEM # 6

Consider Extension Request
by City of San Dimas

MSRC Agenda Item No. 6

DATE: June 20, 2024

FROM: Cynthia Ravenstein, MSRC Contracts Administrator

SUBJECT: Three-Month Term Extension by City of San Dimas, Contract #ML18148

SYNOPSIS: The City requested a six-month contract term extension due to the need to install additional conduit. Because the request was not received in sufficient time prior to the termination date, a three-month contract term extension was processed administratively in order to allow sufficient time for the MSRC to consider the remainder of the request. Therefore, an additional three-month contract term extension would fulfill the City's request. This contract had previously been extended by one year. This project is part of the FYs 2016-18 Local Government Partnership Program.

FINANCIAL IMPACT: None

RECOMMENDATIONS: The MSRC Contracts Administrator recommends approval. The MSRC-TAC reviewed the request and recommends approval.

ATTACHMENTS: Contractor's letter requesting extension

DISCUSSION:

Contractor: City of San Dimas

Project Title: Implement Bicycle Detection Measures

MSRC Funding: \$50,000

Project Term: January 21, 2022 to August 20, 2024

Current Request: City requested six-month term extension – because a three-month extension was processed, a three-month extension would fulfill the remainder of the request

Previous Requests: Substituted bike detection installations for originally proposed bike sharing program; one-year term extension

Project Description: As part of their FYs 2016-18 Local Government Partnership Program, the MSRC awarded the City of San Dimas \$50,000 to participate in the regional bike share program to be implemented by the San Gabriel Valley Council of Governments. When that bike share program stalled due to challenges associated with the pandemic, before the City had executed proposed Contract #ML18148, the City requested to substitute the installation of bike detection

camera/radar units for traffic signals. The MSRC approved this change and the contract was executed. The City has now fully completed installations at two of the three intersections.

Previous Requests: As noted above the City requested to substitute the installation of bike detection equipment instead of participating in a regional bike share program. The MSRC approved this change.

Later, the City reported that during their analysis of the subject intersections, they determined that additional equipment would be needed for the intersections to operate efficiently. They need more time to procure and install this equipment. Additionally, the City had declared a local emergency due to damages from recent rain events. Therefore, the City requested a one-year term extension to allow them complete the work. This request was processed administratively.

Contract Request: The City now indicates that they have fully completed the installations at two of the three intersections. At the final intersection, the crew has not yet been able to install the wiring despite repeated attempts. The existing 2" conduit in the street is rusted, has been damaged by asphalt patch work, and is at capacity with existing cables and wires. The City has obtained quotes to install new 3" conduit which would enable them to complete the project. While the quotes were still not as low as they hoped, they are working with the lowest bidder to see if any further economies can be obtained, but they commit that they will finish.

The City requested a six-month term extension. They anticipate completing the project in less time but want to allow for possible unforeseen delays. Because the request was not received in sufficient time prior to the termination date, a three-month contract term extension was processed administratively to allow sufficient time for the MSRC to consider the remainder of the request. Therefore, an additional three-month contract term extension would fulfill the City's request.

Recommendations: The MSRC Contracts Administrator recommends approval. The MSRC-TAC reviewed the request and recommends approval.

City Council

Emmett Badar, Mayor
Ryan A. Vienna, Mayor Pro Tem – District 4
Rachel Bratakos - District 3
Eric Weber - District 1
Eric Nakano - District 2

City Manager

Chris Constantin

Assistant City Manager

Brad McKinney

City Attorney

Jeff Malawy



Director of Administrative Services

Michael O'Brien

Director of Community Development

Luis Torrico

Director of Parks and Recreation

Scott Wasserman

Director of Public Works

Shari Garwick

April 30, 2024

RE: South Coast Air Quality Management District (SCAQMD)-MSRC's Local Government Partnership Program Contract Number ML18148

Dear Program Officer:

The purpose of this correspondence is to request a 6-month extension of the above-referenced grant through November 20, 2024. Two out of the three intersections have been fully completed with equipment installation and revising timing signaling implemented. During installation at the final intersection, Arrow Highway at Cienega/Eucla Avenue, the crew was not able to install the necessary wiring despite repeated attempts. The existing 2" conduit in the street at this intersection is rusted and has been damaged by asphalt patch-work. The 2" conduit is at capacity with existing cables/wires and there is not sufficient room to accommodate the wiring needed for the traffic signaling equipment.

A preliminary quote from the City's signal maintenance contractor was \$37,780.00 to trench 100' linear feet and install 3" conduit to complete the work. Staff feels this quote is unreasonable and seek to obtain additional quotes for the work to complete the project. The extension will allow the City to complete the final intersection, by either boring or trenching and installing new 3" conduit at the subject intersection.

The new project schedule will be as followed:

Task	Completion
Obtain quotes for conduit installation	May 2024
Install video detection system	July 2024
Implement new signal timing	July 2024
Post-installation bike counts	August 2024
Final Report	September 2024

If our extension request is denied, Staff would need to obtain approval for the cost of work from the City Manager. If approved, the work would need to be scheduled as soon as possible, contingent upon the contractor's schedule.

We look forward to a favorable review of our request.

Respectfully,



Shari Garwick
Director of Public Works



Grant Garcia
Management Analyst

AGENDA ITEM # 7

Consider Extension by City of
Rancho Cucamonga

MSRC Agenda Item No. 7

DATE: June 20, 2024

FROM: Cynthia Ravenstein, MSRC Contracts Administrator

SUBJECT: Two-Year Term Extension by City of Rancho Cucamonga, Contract #ML18051

SYNOPSIS: In April 2024, the MSRC approved modifications to the City’s contract including substituting the installation of some publicly accessible Level III stations instead of Level II stations. This project is part of the FYs 2016-18 Local Government Partnership Program, which has a five-year operational requirement for Level III stations. This item would extend the term of Contract #ML18051 only to cover the longer requirement; there would be no change to the required in-service date.

FINANCIAL IMPACT: None

RECOMMENDATIONS: The MSRC Contracts Administrator recommends approval. The MSRC-TAC reviewed the request and recommends approval.

ATTACHMENTS: None

DISCUSSION:

Contractor: **City of Rancho Cucamonga**

Project Title: Procure Six Light-Duty ZEVs and Install EV Charging Infrastructure

MSRC Funding: \$91,500

Project Term: March 1, 2019 to April 30, 2027

Current Request: No request from City – recommendation from MSRC Contracts Administrator

Previous Requests: Install (3) three limited access Level II charging stations, (3) publicly accessible Level II charging stations, and (2) two publicly accessible Level III “Fast Charge” stations instead of (3) three limited access Level II charging stations and (5) publicly accessible Level II charging stations and one-year term extension; 18-month term extension; scope and value decrease and modified deliverable dates

Project Description: The City was originally awarded a total of \$227,040 towards the procurement of nine light-duty zero emission vehicles (ZEVs) (\$90,000), the procurement of two medium-duty ZEVs (\$77,290), the installation of four limited access Level II electric vehicle charging stations (\$12,000), the installation of seven public access Level II electric vehicle charging stations (\$31,500) and the installation of a slow fill compressed natural gas (CNG)

fueling station (\$16,250). Subsequently the project scope was reduced to eliminate the medium-duty ZEVs and CNG station, as well as to reduce the quantities of light-duty ZEVs from nine to six, limited-access charging stations from four to three, and public access charging stations from seven to five. Most recently, the MSRC approved modifications resulting in a scope to install (3) three limited access Level II charging stations, (3) publicly accessible Level II charging stations, and (2) two publicly accessible Level III “Fast Charge” stations, but the contract has not yet been modified to reflect these changes. Currently, six light-duty ZEVs, three limited-access stations, and three public-access stations have been placed into service. \$82,500 has been paid to date under this contract.

Previous Requests: The City determined that they were unable to move forward with the medium-duty ZEVs or the CNG station. In July 2021, the City requested that all tasks and funding associated with these project elements be removed from the contract. The City further determined that its needs for light-duty ZEVs and charging stations were less than anticipated. The City requested to reduce the number of light-duty ZEVs to be procured from nine to six, with a corresponding reduction in funding for this project element from \$90,000 to \$60,000. The City requested to reduce the number of limited access charging stations from four to three, with a corresponding reduction in the funding for this project element from \$12,000 to \$9,000. And the City requested to reduce the number of public access charging stations from seven to five, with a corresponding reduction in the funding for this project element from \$31,500 to \$22,500. Some station locations also changed. Lastly, the City indicated that the final vehicles would be deployed by March 2022, and all charging stations would be in service no later than October 2022. Because the contract would terminate until October 31, 2025, these projected in-service dates and the associated three-year operational requirements were able to be accommodated by modifying the Project Schedule within the current contract term. These modifications were processed administratively.

Later, the City reported that that for the remaining two public access station locations, Beryl Park and the Rancho Cucamonga Sports Center, there were accessibility concerns. With the MSRC providing \$4,500 per station, this made it cost-prohibitive to upgrade these sites as a stand-alone project. The City stated that they were highly committed to accessible stations in these locations, however. The City states that budgetary constraints also delayed the procurement of the remaining light-duty ZEV. They anticipated that this final vehicle would be acquired in FY 22-23. They requested, and the MSRC approved, an 18-month term extension to allow completion and fulfillment of the required three-year operational period.

The City later indicated that barriers to accessibility at the Beryl Park location must still be addressed before installing an EV charging station there. The City opted to place both remaining Level II chargers under the contract at the RC Sports Center location. The City was able to obtain additional funding for the project to install four (4) Level III “fast charge” stations at the RC Sports Center. Thus, the City requested to install (3) three limited access Level II charging stations, (3) publicly accessible Level II charging stations, and (2) 2 publicly accessible Level III “Fast Charge” stations instead of (3) three limited access Level II charging stations and (5) publicly accessible Level II charging stations. This would represent an increase in the charging level of some of the MSRC-supported stations, at no additional cost to the MSRC. Additionally, the City reported that they have encountered significant supply chain issues,

particularly with the transformer and switchgear needed for the Level III fast charging stations. The City requested a one-year term extension to allow for completion of the project. At their April 2024 meeting, the MSRC approved the City's requests.

Recommendations: When beginning to process the modifications approved in April, it came to MSRC staff's attention that the operational period requirement for Level III stations had not been addressed. This project is part of the FYs 2016-18 Local Government Partnership Program, which has a five-year operational requirement for Level III stations. The MSRC Contracts Administrator recommends approval of an additional two-year term extension for ML18051. This would extend the term of Contract #ML18051 only to cover the longer operational requirement; there would be no change to the required infrastructure in-service date of April 30, 2025.

The MSRC-TAC reviewed the request and recommends approval.

AGENDA ITEM # 8

Consider Modification and Reallocation of Funds
by Southern California Association of Governments (SCAG)

MSRC Agenda Item No. 8

DATE: June 20, 2024

FROM: Cynthia Ravenstein, MSRC Contracts Administrator

SUBJECT: Modified Scope and Reallocation of Funding Between Projects by Southern California Association of Governments (SCAG), Contract #MS21005

SYNOPSIS: At their April 2024 meeting, the MSRC approved reserving \$1,417,043 from withdrawn and discontinued projects for a reallocation request to be brought forward by SCAG at a future meeting, with the condition that SCAG submit such request by April 22, 2024. SCAG submitted a request by the deadline and recommends that this \$1,417,043 be reallocated to New Bern Transport Corporation. With this additional funding, New Bern would expand their existing project in Buena Park, procuring an additional 10 Tesla Class 8 zero-emission tractors.

Additionally, Project Participant Zeem Solutions has not been able to secure the specified Santa Ana site. Zeem now seeks to include their Long Beach depot instead of the Santa Ana site. Currently, SCAG's contract specifies the following regarding the Zeem project: 72 zero emission vehicles; 1 mobile charger covering two Inglewood sites; 23 fast chargers and 12 Level II chargers in Santa Ana. SCAG requests to modify the Zeem project to 42 vehicles and 42 dual-port fast chargers at the Long Beach location. SCAG requests approval of this modified scope.

FINANCIAL IMPACT: If the MSRC does not grant SCAG's requests and does not allow for an alternative proposal, \$1,417,043 would revert to the AB 2766 Discretionary Fund.

RECOMMENDATIONS: The MSRC Contracts Administrator recommends approval of the reallocation to New Bern. With respect to the Zeem project, the Contracts Administrator recommends one of two approaches depending upon the degree to which the MSRC intended to empower SCAG to implement the program on the MSRC's behalf: 1) if the intent was to provide SCAG a greater degree of discretion, then approve the request provided that program requirements are met; or 2) if the intent was for the MSRC to exercise stricter oversight, then reject the change as currently requested.

The MSRC-TAC reviewed the request and recommends: 1) approval of the reallocation to New Bern; and 2) that SCAG

adhere to the approved Last Mile Freight Program Guidelines with respect to Zeem Solutions.

ATTACHMENTS:

Contractor’s letter requesting modifications (note that original request letter was provided by the April 22 deadline; the attached May 20 letter corrected some typographical errors and has a different signatory); Contractor’s supplemental June 12 letter; memo from Zeem Solutions

DISCUSSION:

Contractor: Southern California Association of Governments
Project Title: Last Mile Freight Program
MSRC Funding: \$16,751,000
Project Term: May 5, 2021 to July 31, 2025 (additional 18-month term extension approved by MSRC and awaiting processing)
Current Request: Reallocate funding between projects and modify scope
Previous Requests: Contract value increase and 18-month term extension; modified project list and reallocate funding between projects; combine consideration of \$70,000 with \$1,115,976 for reallocation; modified project list and reallocate funding between projects; modified project list, reallocate funding between projects and modify scope; modify MOU template to allow reimbursement of truck payments made prior to MOU execution; 18-month term extension; exemption to the 60-day request submission policy, aggregation and reservation of returned funds

Project Description: The Last Mile component of the MSRC’s Regional Goods Movement Program focuses on reducing emissions from transportation of goods following departure from distribution centers. In August 2020, the MSRC approved a sole-source contract award to SCAG in an amount not to exceed \$10,000,000 to implement the Last Mile Freight Program (LMFP) on behalf of the MSRC. Contract #MS21005 was executed to effectuate the award, and in November 2021, the MSRC approved SCAG’s proposed project list awarding the original \$10,000,000 to 26 projects across the region. Subsequently, the MSRC approved the allocation of additional funding and the addition of six projects from SCAG’s contingency list (one of which provided additional funding to bring one of the original projects to its full requested amount). Nine projects have now withdrawn or been cancelled, resulting in a total project count of 22. \$132,085.88 has been paid to date on this contract.

Previous Requests: In November 2021, the MSRC provided guidance to SCAG staff to work with MSRC staff and the TAC Last Mile Subcommittee to revisit the contingency list projects. The TAC Last Mile Subcommittee and the TAC reviewed SCAG’s proposed funding strategy and recommended approval of a \$6,751,000 contract value increase to Contract #MS21005 to support six additional zero emission LMFP projects which would also meet the Program’s geographic and small-sized business guidelines. Additionally, SCAG indicated that supply chain constraints were impacting vehicle and equipment procurement schedules. SCAG requested an 18-month contract term extension to allow Project Participants adequate procurement time.

The MSRC approved the additional project funding and extension at their January 2022 meeting.

Contract #MS21005 provides that if a Project Participant withdraws, SCAG may request the MSRC to approve a reallocation of the funds assigned to that project to increase the scope of another project on the approved list or to fund another project on SCAG's contingency list. In September 2022, SCAG indicated that three of the previously approved projects, which had a total incentive funding allocation of \$2,231,952, had withdrawn. These projects were Heritage Environmental Services (\$2,091,952) and independent owner-operators, Kyung soo Chung (\$70,000) and Gantumur Bayaraa (\$70,000). These projects also accounted for a total of \$2,431,952 in co-funding. SCAG evaluated the remaining current Project Participants to determine whether they merited further funding consideration. Following a thorough analysis, SCAG determined that Project Participants Sysco Corporation and Zeem Solutions would be willing to accept additional funds and increase the scope of their projects accordingly. SCAG requested the MSRC to divide the \$2,431,952 equally between Sysco and Zeem. If the reallocation were approved, Sysco would increase the scope of their project from 9 vehicles and 9 chargers to 17 vehicles and 17 chargers. Zeem Solutions would increase their project scope from 42 vehicles and 1 mobile power station through the addition of 66 chargers. These would be deployed at Zeem's Santa Ana depot, increasing the geographic scope of the project into Orange County.

At their October 2022 meeting, the MSRC-TAC considered SCAG's request and recommended approval. A few days prior to the October 2022 MSRC meeting, Zeem Solutions notified SCAG that their Santa Ana infrastructure capacity study revealed the proposed site for domiciling infrastructure did not at that time have the power capacity necessary to house the 66 proposed chargers. In light of this new information, the MSRC approved the reallocation of \$1,115,976 to Sysco as well as reserving \$1,115,976 without immediate assignment to a specific project, contingent upon receipt of an additional reallocation request from SCAG no later than February 17, 2023.

SCAG notified MSRC that around the time of the MSRC's determination in October 2022, they were notified by an additional Project Participant that they were withdrawing from the program. This project, with a small business owner-operator, had been awarded \$70,000 and was expected to deliver one natural gas truck to be domiciled in Los Angeles County. In early December 2022, SCAG formally requested that this \$70,000 be combined with the \$1,115,976 previously reserved by the MSRC, allowing them to bring forward a request for a full reallocation of \$1,185,976. This request was processed administratively.

In January 2023, after thorough review, SCAG proposed that the \$1,185,976 then available be reallocated to Zeem Solutions. As noted at the October 2022 MSRC meeting, Zeem's targeted Santa Ana site was determined not currently to possess sufficient power capacity for 66 chargers. However, Zeem had confirmed that their feasibility assessments showed that this same site location could still be considered through a phased approach. Zeem would initially install 10 Level II chargers and 12 Level III chargers, as well as adding 30 medium-duty zero emission vehicles to be domiciled at this Santa Ana location. The MSRC approved SCAG's request.

In May 2023, SCAG requested that \$70,000 be reallocated from a withdrawn project to Sysco Corporation, increasing their EV chargers under the program from 17 to 18. SCAG further requested for WattEV to substitute Nikola TRE BEV trucks for some of the Volvo trucks in their original application. The MSRC approved SCAG's request.

In August 2023, SCAG requested the MSRC to approve modification of the program and the approved MOU template, if needed, to allow reimbursements for payments made by truck purchasers before they entered into their original MOUs with SCAG. The MSRC approved SCAG's request.

In March 2024, SCAG requested an 18-month term extension. The MSRC approved SCAG's request. With the knowledge that additional requests were forthcoming, SCAG and MSRC staff agreed to defer processing the extension for a short time.

In April 2024, SCAG requested an exemption to the 60-day reallocation request submission policy, aggregation and reservation of \$1,417,043 in returned funds. The MSRC approved SCAG's request, with the condition that SCAG submit a reallocation request by April 22, 2024.

Current Request

Reallocation - At their April 2024 meeting, the MSRC approved reserving \$1,417,043 from withdrawn and discontinued projects for a reallocation request to be brought forward by SCAG at a future meeting, with the condition that SCAG submit such request by April 22, 2024. SCAG submitted a request by the deadline and recommends that this \$1,417,043 be reallocated to New Bern Transport Corporation. With this additional funding, New Bern would expand their existing project in Buena Park, procuring an additional 10 Tesla Class 8 zero-emission tractors for a total of 20 tractors. New Bern's match funding would also be increased by \$1,582,957.

SCAG undertook an extensive due diligence process to arrive at this recommendation, reaching out to 10 applicants/participants. Three responded with proposals for consideration. A key factor in SCAG's ultimate recommendation of New Bern is the fulfillment of LMFP's geographic funding minimum target. With Zeem's need to shift a portion of their funding from Santa Ana, LMFP would no longer be meeting the target for Orange County. Reallocation to New Bern would satisfy that target.

Modified Scope – Previously, the MSRC approved an increase in funding award to project participant Zeem Solutions via a funding reallocation to support the deployment of vehicles and chargers in Santa Ana, in addition to their original locations in Inglewood. Subsequently, Zeem has not been able to secure the specified Santa Ana site. Zeem now seeks to include their Long Beach depot instead of the Santa Ana site. Currently, SCAG's contract specifies the following regarding the Zeem project: 72 zero emission vehicles; 1 mobile charger covering two Inglewood sites; 23 fast chargers and 12 Level II chargers in Santa Ana. SCAG requests to modify the Zeem project to 42 vehicles operating among the Inglewood and Long Beach locations and 42 dual-port fast chargers at the Long Beach location. SCAG requests approval of this modified scope.

Areas Broadly Defined

Zeem has not yet executed their MOU with SCAG. Under Zeem's business model, in some cases their customers own their own vehicles and contract with Zeem for charging and other services. In other cases, Zeem customers make use of Zeem-owned vehicles. Zeem is estimating that 40% of the 42 vehicles in the project will be owned by Zeem, and 60% will be owned by Zeem customers – but this is only an estimate. Due to their inability to predict what customers may want, Zeem is reluctant to commit to any minimum number of Zeem-owned vehicles under their LMFP MOU. This flexible approach is further reflected in the wide range of vehicle models requested for MSRC approval – all HVIP-eligible Class 4 and above trucks.

Recommendations: The MSRC Contracts Administrator recommends approval of the reallocation to New Bern. With respect to the Zeem project, the Contracts Administrator recommends one of two approaches depending upon the degree to which the MSRC intended to empower SCAG to implement the program on the MSRC's behalf:

1. The MSRC may have no issue with approving the changes as requested. The MSRC awarded funding to SCAG to implement LMFP. With that decision, the MSRC may want to allow SCAG a certain amount of discretion in how the funds are dispersed to an individual project participant, provided that program requirements are met, and thus approve the request; or
2. If the MSRC would like to exercise stricter oversight, the MSRC can reject the change as currently requested. SCAG and Zeem could continue to work on alternatives and come back with a revised request. One alternative might be to direct that all MSRC funding be designated for Long Beach infrastructure costs, with expenditures on the vehicles counting as co-funding. Additionally, Zeem might be open to keeping the Inglewood mobile fueling unit as part of the project. However, Zeem would prefer that some of the MSRC funding be allocated towards vehicle costs if possible.

The MSRC-TAC reviewed the request. There was substantial dialogue including discussion of whether it was appropriate to fund significantly changed projects when some originally submitted projects had not been funded. SCAG explained further regarding their process of contacting previous applicants and current participants and the fairly limited response from those who were now in a position to launch or expand their projects. The MSRC-TAC recommends: 1) approval of the reallocation to New Bern; and 2) that SCAG adhere to the approved LMFP Guidelines with respect to Zeem Solutions.

Additional Input from SCAG Following MSRC-TAC Meeting

Given the MSRC-TAC's recommendation that SCAG adhere to the approved LMFP Guidelines with respect to the Zeem request, SCAG has provided additional input. SCAG indicates that they assessed Zeem's proposed revised scope with respect to the Guidelines prior to bringing the request before the MSRC-TAC. SCAG determined that the proposed revisions comply with the Guidelines based on the following:

- Zeem is a small/medium-sized business in the goods delivery industry domiciled within a county(ies) that is part of the South Coast Air Basin
- The proposed vehicles fall within eligible vehicle categories to be used for last mile delivery services

Although not specifically pointed out by SCAG, the Guidelines do provide for applications to describe projects which contain more than one component and allow that components may be carried out by parties other than the applicant. This provision could be applicable to those vehicles which would belong to Zeem's customers rather than being owned by Zeem itself – SCAG would require the relevant Program requirements to be flowed down to these customers.



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May 20, 2024

Cynthia Ravenstein
Mobile Source Air Pollution Reduction Review Committee
21865 Copley Dr.
Diamond Bar, CA 91765

Subject: Multi-Project Contract Modification: SCAG Last Mile Freight Program (LMFP)

Dear Ms. Ravenstein:

This letter is being submitted to request modifications to LMFP projects and associated amendments to the LMFP contract (MS21005C) as follows. SCAG respectfully requests that –

- 1) The MSRC approve a scope change to allow Zeem Solutions to include their Long Beach project depot in place of their Santa Ana project site and to amend their deliverables and budget to allow the following:
 - a. 42 class 4+ vehicles operational interchangeably across 3 sites: 2 in Inglewood and 1 in Long Beach;
 - b. 42 DCFC (84 ports) at Long Beach location;
 - c. \$2,378,019 in Grant funding (no change);
 - d. \$14,785,752 in Match funding (no change); and
 - e. Inclusion of vehicle manufacturers shown in the attached HVIP-eligible list.

- 2) The MSRC approve the reallocation of \$1,417,043 in funding to New Bern Transport Corporation (New Bern), an operating subsidiary of PepsiCo Inc. With this additional funding, New Bern will expand their existing project in Buena Park to procure 10 additional Tesla Class 8 tractors which will service customers in the South Coast Air Basin.

Discussion

To date, the LMFP has awarded \$16,751,000 to projects focused on the commercial deployment of zero-emission or near-zero emission (ZE/NZE) heavy and/or medium duty on road trucks (including ZE/NZE equipment and supporting infrastructure). SCAG has completed both Task 1 and Task 2 as outlined in the LMFP contract and is actively engaged in implementation (Task 3) and evaluation/reporting (Task 4). Twenty-one (21) active project participants have entered MOUs with SCAG and are in various stages of implementation. Two (2) of those awardees have completed their full operational and reporting requirements and have received award reimbursement.

[Zeem Solutions – Scope Change Request for Long Beach Depot Inclusion](#)

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- Community, Economic & Human Development
Frank Yokoyama, Cerritos

- Energy & Environment
Deborah Robertson, Rialto

- Transportation
Tim Sandoval, Pomona

Originally, Zeem was awarded \$1,192,043 to deploy 42 medium- and heavy-duty zero emission vehicles and one (1) mobile power station (MPS) at either of their two depot locations in Inglewood. In January 2023, the MSRC approved an increase of this award via a funding reallocation of \$1,185,976 to support the deployment of 30 additional medium-duty vehicles and 22 chargers at another depot in Santa Ana. This established a total set of project deliverables of 72 vehicles and 23 chargers (including one MPS) across Inglewood and Santa Ana.

Unfortunately, lease negotiations did not progress to a stage where Zeem could viably enter into a contractual agreement with the landlord at the specified Santa Ana site. The landlord insisted on immediate lease payments, creating a financial hurdle for Zeem which prevented Zeem from developing the Santa Ana site. Additionally, two critical barriers persisted that prevented Zeem's ability to execute on an Orange County property. First, landlords were unwilling to be flexible on the prevailing high market rates for industrial property when Zeem attempted to negotiate. Second, preliminary power assessments at each property resulted in insufficient capacity needed to successfully build and operate a Zeem depot.

The existing execution timelines made it imperative for Zeem to reassess their approach which led to them proposing the use of grant funds at Zeem's Long Beach depot. Zeem is in the process of working on a Harbor Development permit with the Port of Long Beach for this project. Through this work in Long Beach, the drayage community at the Port of Long Beach and Port of Los Angeles will get access to daily high-powered charging, electric Class 8 vehicles, and parking at a centrally located depot within the Harbor District that Zeem will build and operate. This is particularly impactful for independent owner operators and small and medium fleet operators, who can avoid the prohibitive upfront costs of switching to EVs and save money immediately using Zeem's charging depot.

Zeem is focused on expanding the Long Beach depot's infrastructure capacity, shifting the use of \$1,185,976 from the scope of the Santa Ana site that was intended to partially fund the deployment of 30 medium-duty vehicles and 22 chargers, to instead support the deployment of 42 DCFC chargers. The number of vehicles will remain consistent with the original \$1,192,043 award proposed to purchase 42 Class 4+ vehicles, but the one (1) mobile charging unit and 30 medium-duty vehicles are being replaced by 42 DCFC chargers at the Long Beach depot, which is 20 more than what had been proposed for the Santa Ana site.

Zeem offers their services to various commercial fleets. Some customers own their own vehicles and contract with Zeem for charging and other services. With other customers, Zeem informs them of vehicle options available on the market and makes recommendations based on their needs, and customers decide which vehicle they will procure. Zeem estimates that 40% of vehicles in this project (42 Class 4+) will be owned by Zeem and 60% will be owned by customers contracting with Zeem for access to charging and other services. Zeem has included two lists of HVIP-eligible (Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project) vehicles. The drayage vehicle list identifies vehicles that Zeem expects to operate out of the Long Beach depot whose customer composition will be predominately drayage fleets (attachment 2). Zeem has also included a more comprehensive list of all HVIP-eligible Class 4+ truck vehicles (attachment 3) that may operate from Inglewood whose fleet composition will be more diverse than Long Beach.

Approval of this scope change will allow Zeem to use program funds to facilitate the deployment of 42 medium-or heavy-duty LMD ZEVs interchangeably across their two sites in Inglewood and the Long Beach depot, and 42 Level 3 (DCFC) chargers to be installed at the Long Beach depot. To allow for data reporting of new vehicles entering the market, SCAG staff also recommends that the MSRC allow a contract modification to include the vehicle manufacturers shown in the attached HVIP-eligible lists. Zeem proposes \$2,378,019 in grant funding and \$14,785,752 in match funding for these efforts.

New Bern/PepsiCo – Reallocation Plan

At the April 2024 MSRC meeting the MSRC approved SCAG’s recommendation to reallocate a cumulative award total of \$1,417,043 sourced from withdrawn independent owner-operator projects and GLI’s project.

SCAG staff initiated a plan and due diligence process, contacting ten (10) applicants/participants – three (3) from the LMFP’s active project roster and all seven (7) on the unfunded contingency list. Staff contacted projects where their capacity for award or award increase, which was determined based on their original application’s funding request, was conducive to the potential of receiving the \$1,417,043 in funding for reallocation. Of all companies contacted, only Sysco, UPS, New Bern and Zeem Solutions submitted proposals for reallocation consideration. SCAG has reviewed the information provided and is recommending New Bern proposal for approval.

New Bern was awarded \$1,192,043 to deploy 10 Tesla class 8 delivery tractors at New Bern’s Buena Park, CA warehouse at 6240 Descanso Avenue (Orange County). The \$1,417,043 in added funding would support the deployment of an additional 10 fully electric Tesla delivery tractors at the same domicile location and an added match contribution of \$1,582,957 by New Bern. The table below summarizes project deliverable and funding increases resulting from this reallocation:

Participant Name	ZE/NZE Technology	Domicile County	Number of Vehicles	Total Project Cost	Grant Funds Awarded	Match Provided
New Bern Transport Corp.	BEV	Orange County	10 20	\$3,652,043 \$6,652,043	\$1,192,043 \$2,609,086	\$2,460,000 \$4,042,957
Change:	N/A	N/A	10	\$3,000,000	\$1,417,043	\$1,582,957

A key determinant for this funding reallocation is that it fulfills the Last Mile Freight Program’s geographic funding minimum target. One of the primary goals of the LMFP is to achieve geographic funding diversity. Originally, \$1,250,000 of a total program award of \$10,000,000 was established as the geographic funding minimum for each county (Los Angeles, Orange, Riverside, and San Bernardino counties). Adjusting for the program’s increased funding total of \$16,751,000, a proportional county funding minimum would equate to \$2,093,875.

Due to Zeem’s need to shift \$1,185,976 in funding from their proposed Santa Ana depot to Long Beach instead, the Last Mile Freight Program fell out of meeting this target. This reallocation to New Bern ensures that the program meets its primary geographic equity target as through the proposed reallocation, Orange County would increase its funding award amount to \$2,609,086, or 25% above the minimum threshold, with all four counties now exceeding the threshold.

Recommendation

In summary, SCAG respectfully requests the following modifications to LMFP projects and associated amendments to the LMFP contract (MS21005C) –

- 1) The MSRC approve a scope change to allow Zeem Solutions to include their Long Beach project depot in place of their Santa Ana project site and to amend their deliverables and budget to allow the following:
 - a. 42 class 4+ vehicles operational interchangeably across 3 sites: 2 in Inglewood and 1 in Long Beach;
 - b. 42 DCFC (84 ports) at Long Beach location;
 - c. \$2,378,019 in Grant funding (no change);
 - d. \$14,785,752 in Match funding (no change); and
 - e. Inclusion of vehicle manufacturers shown in the attached HVIP-eligible list.

- 2) The MSRC approve the reallocation of \$1,417,043 in funding to New Bern Transport Corporation. With this additional funding, New Bern will expand their existing project in Buena Park to procure 10 additional Tesla Class 8 tractors which will service customers in the South Coast Air Basin.

Sincerely,

Philip Law

Digitally signed by Philip Law
DN: cn=Philip Law, o=Southern California
Association of Governments, ou=Mobility
Planning and Goods Movement,
email=law@scag.ca.gov, c=US
Date: 2024.05.20 13:47:45 -07'00'

Philip Law
Department Manager – Mobility Planning and Goods Movement

Attachments

1. Zeem Long Beach Lease (Redacted)
2. Drayage_hvip-vehicles-battery-electric-04042024
3. All_LMFP_hvip-vehicles-class-4-class-5-class-6-class-7-class-8-battery-electric-04042024



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June 12, 2024

Cynthia Ravenstein
Mobile Source Air Pollution Reduction Review Committee
21865 Copley Dr.
Diamond Bar, CA 91765

Subject: Response to MSRC-TAC Questions on Zeem Solutions Scope Change

Dear Ms. Ravenstein:

This letter is being submitted to respond to questions seeking further clarification per the MSRC-TAC meeting that was held on June 6, 2024 regarding the scope change request for Zeem Solutions’ LMFP project. As discussed, MSRC approval of this scope change would allow Zeem Solutions to include their Long Beach project depot in place of their Santa Ana project site and to amend their deliverables and budget to allow the following:

- a. 42 class 4+ vehicles operational interchangeably across 3 sites: 2 in Inglewood and 1 in Long Beach;
- b. 42 DCFC (84 ports) at Long Beach location;
- c. \$2,378,019 in Grant funding (no change);
- d. \$14,785,752 in Match funding (no change); and
- e. Inclusion of vehicle manufacturers shown in the attached HVIP-eligible list.

SCAG staff is also including a letter from Zeem that further describes background and benefits of this scope change.

Discussion

On June 6th, SCAG submitted a two-part item to the MSRC’s Technical Advisory Committee (TAC). The first part – which the TAC recommended for approval – is that the MSRC approve the reallocation of \$1,417,043 in funding to New Bern Transport Corporation (New Bern) to expand their project in Buena Park.

The second part of this request pertains to Zeem Solutions, who has requested a scope change to allow for inclusion of their Long Beach project depot in place of their originally proposed Santa Ana project site. After hearing this request, the TAC passed a motion for SCAG to provide additional information. Specifically, the TAC requested that SCAG adhere to the eligibility requirements referred to in the program guidelines and ensure that Zeem’s projects is consistent with the first and last mile required elements of the program.

After the TAC meeting, the MSRC’s Contract Administrator followed up with SCAG staff and asked if SCAG would respond to the following questions by Wednesday, June 12, 2024:

REGIONAL COUNCIL OFFICERS

- President
Art Brown, Buena Park
- First Vice President
Curt Hagman, County of San Bernardino
- Second Vice President
Cindy Allen, Long Beach
- Immediate Past President
Jan C. Harnik, Riverside County Transportation Commission

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Art Brown, Buena Park
- Community, Economic & Human Development
Frank Yokoyama, Cerritos
- Energy & Environment
Deborah Robertson, Rialto
- Transportation
Tim Sandoval, Pomona

1. Does SCAG believe that the modification proposed by Zeem is in compliance with the approved guidelines of the Last Mile Freight Program?
2. If so, why?

Responses

SCAG staff have organized the following responses to MSRC's questions serving as an addendum to the original SCAG recommendation letter per the MSRC Contract Administrator's request -

1. Does SCAG believe that the modification proposed by Zeem is in compliance with the approved guidelines of the Last Mile Freight Program?

Yes, prior to bringing forward this request to the MSRC TAC, SCAG staff conducted due diligence in its analysis of Zeem's proposed revised scope and determined that the revisions comply with the Last Mile Freight Program guidelines.

2. If so, why?

Eligible applicants for the LMFP include those engaged in delivering goods within all or any one of the four counties within the South Coast Air Basin (e.g., large and small/medium sized businesses), such as asset-owners/operators, independent contractors, asset-light logistics entities, leasing companies, among others. Applicants must be domiciled in a county, operate a last-mile facility within a county, or perform last mile deliveries within a county, that is part of the South Coast Air Basin.

Zeem serves as a small/medium sized business. The company additionally serves as an asset-owner/operator and provides numerous services leveraging its zero-emission charging infrastructure including charging, vehicle parking/storage, etc. Zeem's proposed facility is domiciled in Los Angeles County in the City of Long Beach.

Within the LMFP guidelines, eligible projects are defined in terms of vehicle categories and last mile delivery services. Regarding vehicle categories, the LMFP guidelines provide the table below defining the truck classifications that are eligible and provides typical examples of the different types of trucks that fall in each category.

CARB Weight Class	Examples	
Medium Duty Trucks	Class 4 14,001-16,000 lbs 2 or 3 Axles Parcel Delivery Trucks	Class 5 16,001-19,500 lbs 2 Axles, 6 tires (dual rear tires) Single Unit Trucks
	Class 6 19,501-26,000 lbs 3 Axles Single Unit Trucks	Class 7 26,001-33,000 lbs 4 or more Axles Single Unit Trucks
Heavy Duty Trucks	Class 8a 33,001-60,000 lbs 3 or 4 Axles Single Trailer Trucks, “Tractor-Trailers”	Class 8b > 60,000 lbs 5 or more Axles Single or Multiple Trailers, “Tractor-Trailers”

Zeem has provided a list of HVIP-eligible vehicles for both its Inglewood and proposed Long Beach sites, which is consistent with the LMFP’s defined truck classifications that are eligible for the program. Ultimately, Zeem’s customers decide which vehicle they will procure, but must select from Zeem’s list of HVIP-eligible vehicles and comply with the LMFP guidelines.

Additionally, the Program Guidelines state that ZE/NZE heavy/medium duty vehicle eligible projects include but are not limited to: (1) last mile delivery vehicles supporting e-commerce industries such as package/parcel deliveries to residents and businesses; (2) last mile delivery vehicles supporting retail/wholesale trade, manufacturing, construction, and other transportation and logistics services from business to business; (3) last mile delivery vehicles supporting major freight facilities.

Zeem’s business model adheres to both (2) and (3), meeting the program’s requirements that establish what constitutes last-mile delivery. As an example, a drayage truck may initiate a first-mile service at the ports (3), and this may also generate a last-mile delivery to an industrial business (2) whether retail/wholesale or manufacturing or other transportation and logistics services such as transportation and warehousing facilities.

Zeem’s scope change to include a charging site in Long Beach will cater to drayage operations around the ports of Los Angeles and Long Beach. Drayage operations play a vital role as a connector in supporting e-commerce industries such as package/parcel deliveries to residents as well as business to business logistics across a range of fields. Perhaps most importantly, the San Pedro Bay ports play a vital role in Southern California’s economy as a site containing and in connection with many major freight facilities. The project’s Inglewood sites also support varied operations in and around LAX – another site containing and in connection with many major freight facilities that support e-commerce and business-to-business operations.

For additional background and information on the benefits of Zeem’s scope change, SCAG staff is including a letter provided by Zeem Solutions as an attachment.

Thank you for considering this response and information. Please contact SCAG staff with any additional questions.

Sincerely,

Philip Law
Digitally signed by Philip Law
DN: cn=Philip Law, o=Southern California
Association of Governments, ou=Mobility
Planning and Goods Movement,
email=law@scag.ca.gov, c=US
Date: 2024.06.12 15:51:22 -07'00'

Philip Law
Department Manager – Mobility Planning and Goods Movement

Attachments

1. 240422_SCAG Updated Proposal Scope Change.pdf



SCAG Last Mile Freight Program – Zeem Solutions
Proposed Scope Change
April 22, 2024

Updated Project Description

In this project, Zeem will deploy a minimum of 42 new Last Mile Delivery (LMD) zero-emission vehicles (ZEVs) and 42 supporting charging stations at two different sites in Inglewood and a site in Long Beach. Zeem will use program funds to facilitate the deployment of 42 medium-or heavy-duty LMD ZEVs to across the three sites and 42 Level 3 (DCFC) chargers to be installed at the Long Beach depot. We **propose \$2,378,019 in grant funding and \$14,785,752 in match funding for these projects.**

2530 Birch Street, Santa Ana Challenges

Regrettably, lease negotiations did not progress to a stage where Zeem could viably enter into a contractual agreement with the landlord at the specified site. The landlord insisted on immediate lease payments, creating a financial hurdle for Zeem. This precluded us from advancing on two pivotal fronts crucial for initiating construction and generating revenue: obtaining necessary permits and securing power.

- **Permitting** – We needed to obtain a conditional use permit (CUP) from the City of Santa Ana, to start phase I construction in a timeframe that would align with lease payment requirements. The request to Santa Ana came directly from the landlord and he advised that the CUP process would take approximately 6-8 months. The landlord expected Zeem to make payments during this process, well before construction could be commenced for a phase I operational scenario.
- **Power** – Similar to the delay with permitting, the landlord required Zeem to make payments significantly earlier than when the site would be energized to support a phase I build out and customer deployment. Zeem would have been responsible for making high industrial market rate lease payments before key electrical equipment could reasonably be delivered and installed.

Most commercial property leases provide a window of time for tenants (or sometimes landlords) to finish critical site improvements or percentage of operations milestone before lease payments commence. The landlord was unwilling to include this type of provision or much flexibility for us to execute the lease and start deploying millions in capex.

Additional Orange County Sites Challenges

In the aftermath of the negotiation breakdown at the Santa Ana property, Zeem continued conducting site assessments across additional properties within Orange County. Despite these efforts, two critical barriers persisted that prevented our ability to execute on an Orange County property. Firstly, landlords were unwilling to be flexible on the prevailing high market rates for industrial property when we attempted to negotiate. Secondly, preliminary power assessments at each property resulted in insufficient capacity needed to successfully build and operate a Zeem depot. The existing execution timelines in the LMFP made it imperative for us to reassess our approach and propose utilizing grant funding at our Long Beach property.

Benefits of a Site in Long Beach

Progress at our Long Beach site has successfully navigated several challenges that occurred during our property evaluation efforts in Orange County. The project will be developed on a portion of the NRG Long Beach Power property at **2665 W. Seaside Blvd., Long Beach, CA 90802**. The site is owned by ArLight, a leading infrastructure investor with a focus on electric power, renewables, and energy transition-related assets. Zeem is an ArLight portfolio company aligning with their commitment to the clean energy transition and its conversion to electric vehicles as a key enabler of this transition. We recently signed a twenty-year lease with an exercisable option to extend for an additional ten years that allows for a minimal monthly rent for a period not to exceed eighteen (18) months to allow for full construction of the facility, and then escalates to a market rent to be determined by an independent appraisal process upon the facility becoming commercially operational. Zeem and Arlight are committed to the successful development of what we consider a crown jewel site for the short, medium, and long-term. Power *availability* and *accessibility* are key gating items on the transportation industry's pathway to electrification. SCE confirmed the *availability* of 15MW of power in the circuit and are projecting a dedicated service (*accessibility*) completion timeline by the end of 2024. In addition, Zeem is in the process of working on the Harbor Development permit with the Port of Long Beach for this project. Completing these milestones will allow Zeem to accommodate near-term customer demand as well as provide trucks and infrastructure for drayage fleets facing electrification goals and mandates.

The current Long Beach depot design at full build will allow us to service over 200 Class 8 electric drayage trucks overnight and charge up to 300 vehicles throughout the day with 42 Direct Current Fast Charging (DCFC) dual port 360 kW chargers. We anticipate that the 2.7-acre site has the capacity to provide charging services for up to a total of 500 vehicles per day. LMFP funding will help facilitate the development of the largest zero-emission vehicle depot in the US located in a maritime gateway that is dedicated to accelerating the transition to electric drayage at one of the largest ports in the country.

The drayage community at the POLB and POLA will get access to daily high-powered charging, electric Class 8 vehicles, and parking at a centrally located depot within the Harbor District that Zeem will build and operate. Customers—particularly independent owner operators and small and medium fleet operators—can avoid the prohibitive upfront costs of switching to EVs and save money immediately with Zeem, all for a monthly lease that costs less than owning and operating a gasoline or diesel-fueled fleet when combined with subsidy. Vehicle cost parity and charging station infrastructure are two critical barriers to electrification, especially for the drayage community typically operating diesel trucks at a fraction of the cost of their electric counterparts and that will need to start converting their fleets in March 2024 to comply with the Advanced Clean Fleets rule (ACF). Supplementing this project with funding from LMFP will support Zeem's objective to provide access to affordable charging and electric Class 8 vehicles for fleet operators.

While precise information on the routes of each vehicle within this project is not currently available, our expectation is that vehicles stationed at all three depots will run duty cycles encompassing Los Angeles County, San Bernardino County, and Orange County. This operational scope is within a 200-mile radius of our depots, aligning with the current capabilities of Class 4-8 ZEVs in the market. This assessment is based on the existing range limitations of these vehicles and the regional flows of cargo from origin to destination. Specifically, the cargo originates from prominent hubs such as the Los Angeles International Airport, as well

as the Ports of Los Angeles and Long Beach. The destinations encompass various warehousing and distribution facilities positioned across all three counties within the purview of the LMFP.

The proposed site is adjacent to several disadvantaged communities that have been overburdened by transportation-related pollution for decades. An operational Zeem depot in Long Beach immediately mitigates tailpipe emissions and improves air quality along truck routes in and near the Harbor District. In addition to the hundreds of indirect jobs associated with construction and drayage, there will be approximately 15-20 full-time operations positions at the Long Beach site comprised of attendants, mechanics, technicians, and supervisors. Zeem's goals are to attract, develop, and retain a local, skilled, and diverse workforce representative of local communities for positions at the depot. These efforts include building partnerships with municipalities, workforce development and training organizations, community groups, government agencies, academia, and industry associations to share information, raise awareness and develop programs for training and curriculum development. Academic institutions and workforce development organizations will be able to use the Long Beach site as a "clean energy classroom" or training center for hands on and practical applications. This will help grow and sustain a local workforce for the future, creating multipurpose jobs and economic growth for the clean energy economy. Zeem is currently working with Greater Los Angeles GRID Alternatives on a workforce development program for electric mobility utilizing our LAX branch to launch a scalable model and replicate at new depots, including Long Beach, as we expand.

We estimate CO2 equivalent, or GHG, reductions of up to 617,595 short tons over 10 years. We assume 500 vehicles daily, an average of 40,000 annual miles traveled per vehicle, a conservative 10-year lifetime using the "Diesel In-Use Multiplier" and Low NOx Engine, 100% renewable energy, and Well-to-Wheels GHGs & Vehicle Operation Air Pollutants calculation type. We assume 100% renewable energy because we will be purchasing Renewable Energy Credits (RECs) for use in the Low Carbon Fuel Standard (LCFS) program at our Long Beach site. At our current sites in CA, all electricity used for vehicles is offset with RECs. These GHG calculations are from Argonne National Laboratory's Heavy-Duty Vehicle Emissions Calculator, based on the AFLEET Tool 2020 and GREET models.

Vehicle List & Schedule Explanation

Zeem offers our services to various commercial fleets. Some customers own their own vehicles and contract with Zeem for charging services. With other customers, we inform them of vehicle options available on the market and make recommendations based on their needs. Ultimately, customers decide which vehicle they will procure so we cannot predict the makeup of the 42 vehicles that are a part of this project in entirety. We estimate that 40% of vehicles in this project will be owned by Zeem and 60% will be owned by customers contracting with us for access to charging. This attached list of HVIP-eligible vehicles is comprehensive and covers all the potential vehicles that may be included in this project. HVIP (Hybrid And Zero-Emission Truck And Bus Voucher Incentive Project) is CARB's (California Air Resources Board) point of sale voucher program for MHD ZEVs. The drayage vehicle list identifies vehicles that we expect to operate out of the Long Beach Depot whose customer composition will be predominately drayage fleets. We have also included a more comprehensive list of all HVIP-eligible Class 4+ vehicles that may operate from Inglewood whose fleet composition will be more diverse than Long Beach.