



TECHNICAL ADVISORY COMMITTEE OF THE MOBILE SOURCE AIR POLLUTION REDUCTION REVIEW COMMITTEE

AGENDA

Thursday, August 1, 2024 at 1:30 p.m.

A meeting of the MSRC-TAC will be held at 1:30 p.m. on Thursday, August 1, 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.

TELECONFERENCE LOCATIONS

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

Los Angeles County ISD
1100 N. Eastern Avenue
2nd Floor Conference Room
Los Angeles, CA 90063

Palm Desert City Hall
73-510 Fred Waring Drive
North Wing
Conference Room
Palm Desert, CA 92260

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.

ELECTRONIC PARTICIPATION INFORMATION AT BOTTOM OF AGENDA

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PUBLIC COMMENT WILL STILL BE TAKEN

*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.*

Committee Members

MSRC-TAC Chair

Minh Le
Alternate: Laura Iannoccone
Representing Los Angeles County Board of Supervisors

MSRC-TAC Vice-Chair

Jason Farin
Representing Riverside County Board of Supervisors

MSRC-TAC Members

Angie Ramirez
Representing City of Los Angeles

Adriann Cardoso
Alternate: Cliff Thorne
Representing Orange County Transportation Authority

Brian Cunanan
Alternate: Hanan Sawalha
Representing Regional Rideshare Agency

Rongsheng Luo
Alternate: Scott Strelecki
Representing Southern California Association of Governments

Inder Atwal
Representing California Air Resources Board

Jenny Chan
Alternate: Lorelle Moe-Luna
Representing Riverside County Transportation Commission

Ash Nikravan
Alternate: Yuh Jiun Tan
Representing South Coast AQMD

Joseph Alcock
Representing Cities of Orange County

Vacant
Representing Cities of Los Angeles County

Denis Bilodeau
Representing Orange County Board of Supervisors

Chris Escobedo
Representing Cities of Riverside County

Mark McCullough
Alternate: Bradley Jensen
Representing San Bernardino County Board of Supervisors

Steven Lee
Alternate: David Leyzerovsky
Representing Los Angeles MTA

Vacant
Mechanical Expert

Sean O'Connor
Representing Cities of San Bernardino County

Vacant
Air Pollution Control Expert

Kelly Lynn
Representing San Bernardino County Transportation Authority

CALL TO ORDER

- Roll Call

Opening Comments: Minh Le, MSRC-TAC Chair
Other MSRC-TAC Members

CONSENT CALENDAR (Items 1 and 5)

Information Only - Receive and File

1. [Minutes of the May 2, 2024 MSRC-TAC Meeting](#) **Allen**
2. [Summary of Final Report by MSRC Contractor](#) **Gorski**
 - Long Beach Transit, Contract #MS16121 (Repower 39 and Purchase 1 New Transit Buses with Near-Zero Engines)
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 May 29 through July 24, 2024.
4. [Financial Report on AB 2766 Discretionary Fund](#) **Sandoval**
 - Financial Report for June 2024.
5. [Report on Outreach Activities](#) **Better World Group**

This report provides a summary of outreach, communications and policy activities undertaken by the Better World Group on behalf of MSRC for Spring 2024.

ACTION CALENDAR (Items 6 through 14)

6. [Consider FY 24-25 Administrative Budget](#) **Sandoval**

An administrative budget is prepared each year as part of the annual MSRC budget. The MSRC-TAC Administrative Subcommittee has reviewed the proposed administrative budget and recommends approval.

FYs 2016-18 WORK PROGRAM

7. Consider One-Year Extension by City of Los Angeles, Contract #ML18082 (Purchase 8 Medium-Duty Vehicles and Install 8 Limited-Access EV Charging Infrastructures) Ravenstein

The City requests a one-year term extension due to delays in the release of the vehicle purchase orders, vehicle parts supply issues, and network connection issues at their East Valley District Yard. This contract has previously been extended by one year. The MSRC Contracts Administrator recommends approval, conditioned on this being the final extension.

8. Consider Two-Year Extension by City of Mission Viejo, Contract #ML18068 (Purchase 2 Light-Duty ZEVs & Install EVSE) Ravenstein

In the City's assessment, by locating the charging stations at their new Los Osos development, the stations will achieve a much higher utilization rate than in the originally proposed City Hall location. However, they need additional time to complete construction of the development and stations. The City requests a two-year term extension. This contract has not previously been extended. The MSRC Contracts Administrator recommends approval, conditioned on this being the final extension.

9. Consider 17-Month Extension by City of Riverside, Contract #ML18063 (Expand Existing CNG Station) Ravenstein

The City requests an extension to July 31, 2029, approximately a 17-month term extension, due to difficulties finding a qualified vendor and issues with the anchoring system for the storage spheres. This contract has previously been extended by 14 months. The MSRC Contracts Administrator recommends approval, conditioned on this being the final extension.

10. Clarify that MSRC Allocation Partnering with Penske Truck Rental in Responding to South Coast AQMD Carl Moyer Program Announcement PA2024-02, Zero Emission Infrastructure Program Includes Partnering under Earlier South Coast AQMD Carl Moyer Program Opportunities Ravenstein

In January 2024, the MSRC approved a partnership with Penske Truck Leasing to pursue funding under South Coast AQMD Carl Moyer Program Announcement PA2024-02, Zero Emission Infrastructure Program. The MSRC allocated an amount not to exceed \$17,980,000 as part of their FYs 2021-24 Work Program in an application for a project to install Level III charging stations at 20 facilities dispersed throughout the region. In February 2024, the South Coast AQMD approved the MSRC work program. Separately, in February 2024, South Coast AQMD awarded funding for the Carson, Corona, Fontana, and two Montebello elements of Penske's project, which Penske had submitted in response to the earlier South Coast AQMD Carl Moyer Program Announcement PA2023-04. This item is to clarify that the MSRC's \$17,980,000 allocation includes partnership for the same project, or elements thereof, under PA2023-04.

11. Evaluate Performance of MSRC Website and Consider Potential Next Steps

Ravenstein

The current contract with Geographics for hosting and maintenance of the MSRC website will terminate on June 20, 2025. The MSRC-TAC Administrative Subcommittee assessed the features, functionality and performance of the current www.CleanTransportationFunding.org website. The Subcommittee recommends that the MSRC consider development of an RFP which would seek base quotes for hosting and maintenance with supplemental quotes for performing limited upgrades/revisions to the existing site. The Subcommittee also recommends investigation of other means of solicitation posting and proposal acceptance, such as Planet Bids.

12. Approve Memorandum of Understanding between: 1) the South Coast AQMD on behalf of the MSRC and the Port of Long Beach; and 2) South Coast AQMD on behalf of the MSRC and the Port of Los Angeles.

Gorski

On June 24, 2024, the Board of Harbor Commissioners for the Port of Long Beach (POLB) unanimously approved a Memorandum of Understanding (MOU) between POLB and the South Coast AQMD on behalf of the MSRC. This MOU establishes a framework that will allow POLB to invest Clean Truck Fund rate proceeds in heavy-duty zero-emission drayage truck charging infrastructure (EVSE) projects that will be administered by the MSRC.

Similarly, on June 27, 2024, the Port of Los Angeles Board of Harbor Commissioners approved an MOU between the Port of Los Angeles (POLA) and the South Coast AQMD on behalf of the MSRC. This MOU will facilitate POLA's investment of Clean Truck Fund rate proceeds in the heavy-duty zero-emission drayage truck EVSE projects. POLB and POLA will each contribute \$12,520,661, for a total of \$25,041,322, towards eight (8) EVSE projects as discussed in the attached staff report.

13. Consider Partnership Opportunity with the California Department of Transportation (Caltrans) and California Energy Commission (CEC) to Pursue Funding Under the US Department of Transportation (US DOT) Charging and Fueling Infrastructure Grant Program.

Gorski

As an element of the MSRC's FY 2021-'24 Work Program, the MSRC partnered with Caltrans and the CEC in the pursuit of funding under the US DOT Charging and Fueling Infrastructure Grant Program (Round 1). At that time, May 2023, the MSRC committed \$6 million in co-funding towards the project, which focused on constructing electric vehicle charging stations (EVSE) along the Interstate 5 corridor and EVSE and hydrogen refueling along a corridor that encompassed the I-710. The Caltrans/CEC Round 1 CFI funding application did not receive an award from US DOT.

The US DOT is currently conducting CFI Round 2. CEC has prepared a Round 2 funding application with a focus on zero-emission refueling infrastructure along corridors that serve California's maritime ports. Additionally, the US DOT has set aside a portion of Round 2 funding to allow Round 1 applications that did not receive funding to be resubmitted. Caltrans and CEC intend to resubmit their previous Round 1 application for reconsideration.

Because US DOT did not select the Caltrans/CEC project last year, the previous MSRC commitment lapsed, and the up to \$6M in committed funding reverted to the MSRC Discretionary Fund. To support the State-led programs, including the Round 1 resubmittal and new CEC Round 2 application, Caltrans and CEC are requesting that the MSRC reinstate the up to \$6 million co-funding that was allocated last year. The Caltrans/CEC funding request was sent to members of the MSRC-TAC FY 2025-'27 Partnership Subcommittee for review. Due to the competitive nature of this item, additional information regarding specific project elements will be presented at the MSRC-TAC meeting. If the full funding request is approved by the MSRC, a letter of support would allow up to \$6 million for either one of the projects.

14. Consider MSRC-Los Angeles County Metropolitan Transportation Authority (Metro) Joint Request for Information for Potential Metro Submission to California Transportation Commission (CTC) Zero Emission Infrastructure Funding Program

Gorski

Previously, the MSRC approved a cooperative agreement with Metro to facilitate the pursuit of shared objectives regarding electrified and alternative fuel transportation systems for heavy duty commercial vehicles in Los Angeles County. The MSRC and Metro are now seeking RFI responses that will be used to inform a grant application being prepared by Metro for submittal to the CTC Trade Corridor Enhancement Program (TCEP) - Cycle 4 funding program. Responses to this RFI will be used as potential candidate projects for inclusion in the Metro funding application. At this time, no MSRC funding is identified - that would be considered by the MSRC once the RFI responses have been evaluated and prior to TCEP application submittal. Due to the timing of the CTC TCEP Cycle 4 program, the RFI will be open for a period of one month.

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)*

Le

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: September 5, 2024, 1:30 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-TAC 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 Maria Allen at (909) 396-2714 from 7:00 a.m. to 5:30 p.m., Tuesday through Friday, or send the request to mallen@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 Maria Allen at (909) 396-2714 or send the request to mallen@aqmd.gov

Contacts: Cynthia Ravenstein, MSRC Contracts Administrator – (909) 396-3269
Ray Gorski, MSRC Technical Advisor – (909) 396-2479
Maria Allen, MSRC Administrative Liaison – (909) 396-2714

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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
Meeting Minutes of the May 2, 2024
MSRC- TAC Meeting



**TECHNICAL ADVISORY COMMITTEE TO THE MSRC
THURSDAY, MAY 2, 2024 MEETING MINUTES
21865 Copley Drive, Diamond Bar, CA 91765**

MSRC-TAC MEMBERS PRESENT:

MSRC-TAC Chair Minh Le, representing the Los Angeles County Board of Supervisors
MSRC-TAC Vice-Chair Jason Farin, representing Riverside County Board of Supervisors
Adriann Cardoso, representing Orange County Transportation Authority
Angie Ramirez, representing City of Los Angeles
Ash Nikravan, representing South Coast AQMD
Brian Cunanan, representing Regional Rideshare Agency
Chris Escobedo, representing the Cities of Riverside County
Kelly Lynn, representing San Bernardino County Transportation Authority
Scott Strelecki (alt), representing Southern California Association of Governments
Sean O'Connor, representing Cities of San Bernardino County
David Leyzerovsky (alt), representing Los Angeles County Metropolitan Transportation Authority

OTHERS PRESENT:

Lauren Dunlap
Todd Gutjahr - City of Yucaipa
Thomas Nguyen – CRC
Jack Symington – Los Angeles CleanTech Incubator

SCAQMD STAFF & CONTRACTORS

Cynthia Ravenstein, MSRC Contracts Administrator
Daphne Hsu, Principal Deputy District Counsel
Debra Ashby, Senior Public Affairs Specialist
Karen Sandoval, Financial Analyst
Kristin Remy, Senior Administrative Assistant
Lane Garcia, Program Supervisor
Maria Allen, MSRC Administrative Liaison
Nydia Ibarra, Public Affairs Specialist
Ray Gorski, MSRC Technical Advisor - Contractor
Sindy Enriquez, Contracts Assistant

CALL TO ORDER

- Call to Order
MSRC-TAC Chair Kelly Lynn called the meeting to order at 1:31 p.m.

STATUS UPDATE

The Clean Transportation Policy Update provides information on key legislative and regulatory initiatives of potential interest to the MSRC. The report can be viewed at www.CleanTransportationFunding.org.

MSRC-TAC ELECTIONS

MSRC-TAC Member Minh Le nominated himself for the position of MSRC-TAC Chair. The motion passed unanimously.

MSRC-TAC Member Jason Farin nominated himself for the position of MSRC-TAC Vice-Chair. The motion passed unanimously.

Minh Le chaired the meeting as newly elected MSRC-TAC Chair.

CONSENT CALENDAR

Information Only – Receive and File

Agenda Item #1 – MSRC Contracts Administrator’s Report

The Contracts Administrator’s Report for March 28 through April 24, 2024 was included in the agenda package.

Moved by Cardoso; seconded by Escobedo; under approval of Consent Calendar Items #1-2, item unanimously approved.

Ayes: Cardoso, Ramirez, Nikravan, Cunanan, Escobedo, Lynn, Strelecki (alt), O’Connor, Leyzerovsky(alt), Farin, Le

Noes: None

Action: The Contracts Administrator’s Report was received and filed. It will be included on the MSRC’s next agenda for final action.

Agenda Item #2 – Financial Report on AB 2766 Discretionary Fund

The Financial Report on the AB 2766 Discretionary Fund for March 2024 was included in the agenda package.

Moved by Cardoso; Seconded by Escobedo; under approval of Consent Calendar Items #1-2, item unanimously approved.

Ayes: Cardoso, Ramirez, Nikravan, Cunanan, Escobedo, Lynn, Strelecki (alt), O’Connor, Leyzerovsky (alt), Farin, Le

Noes: None

Action: The March 2024 financial report was received and filed. No further action is required.

ACTION CALENDAR

FYs 2016-18 WORK PROGRAM

Agenda Item #3 – Consider 18-Month Term Extension by Air Products and Chemicals Inc., Contract #MS18182 (\$1,000,000 – Install Hydrogen Refueling Station in Paramount)

Cynthia Ravenstein, MSRC Contracts Administrator, explained that Air Products and Chemicals Inc. was awarded \$1,000,000 to install a publicly accessible hydrogen refueling station in the City of Paramount. The issue is that this is part of a larger project in the same location which includes sustainable aviation fuel. That larger project is undergoing replanning efforts and their project team has asked that any other activity including the permitting for that hydrogen station be delayed until they finalize their sustainable aviation fuel project. Air Products and Chemicals Inc. has requested an 18-month term extension. This is their first extension request. The Contracts Administrator and Scope Change Subcommittee have reviewed the request and recommend approval.

Moved by Farin, seconded by Lynn to recommend approval; item unanimously approved.

Ayes: Cardoso, Ramirez, Nikravan, Cunanan, Escobedo, Lynn, Strelecki(alt), O'Connor, Leyzerovsky (alt), Farin, Le

Noes: None

Action: MSRC staff will include this contract modification on the next MSRC agenda for approval.

Agenda Item #4 – Consider Modified Statement of Work and Payment Schedule by City of Yucaipa, Contract #ML18129 (\$63,097 – Install EV Charging Infrastructure)

Cynthia Ravenstein, MSRC Contracts Administrator, explained that the City of Yucaipa was awarded funding to install charging stations at City facilities. The City was previously granted extensions and the last extension included a contingency that they provide documentation of co-funding and no further extensions would be granted. This request is to meet their requirements. The City entered a contract with OBE Power to design, install and maintain the charging stations at the City facilities. Under this agreement OBE will own the stations. The City is now requesting a contract modification to reflect that. The City is also requesting to increase the number of stations from six to twelve, which will all be public access. The original contract stated that the City was going to be paying for station equipment and the installation. OBE is now funding those elements except for addressing accessibility requirements. The City is requesting MSRC funding to cover the accessibility requirements. The Contracts Administrator and Scope Change Subcommittee have reviewed the request and are recommending approval.

Public Comment:

Todd Gutjahr, Public Works Analyst for the City of Yucaipa, stated OBE out of Florida went through the City's standard RFP process. OBE proposed to update the number of stations at three sites from six to twelve. The MSRC funding will be used for additional civil accessibility work.

The City will be working with OBE to cover the remaining costs and OBE will own and operate the chargers for ten years, but the City will be responsible for any additional reporting.

Moved by O'Connor seconded by Lynn to recommend approval; item unanimously approved.

Ayes: Cardoso, Ramirez, Nikravan, Cunanan, Escobedo, Lynn, Strelecki (alt), O'Connor, Leyzerovsky (alt), Farin, Le

Noes: None

Action: MSRC staff will include this contract modification on the next MSRC agenda for approval.

Agenda Item #5 – Consider Authorizing Issuance of New Contract to Complete Work Initiated by City of Paramount under Contract #ML18053 (\$64,475 – Install EV Charging Infrastructure)

Cynthia Ravenstein, MSRC Contracts Administrator, explained that the City of Paramount had a contract to install three charging stations. The City had installed two of the three stations. The City requested a 41-month term extension but was denied by the Contracts Administrator and the City did not ask for MSRC review of the denial. The contract was then closed. A year and a half later, the City is requesting reimbursement for the two charging stations, but since the contract was closed, they are now requesting a new contract. The Contracts Administrator recommends issuance of a new six-month contract in the amount of \$42,686, which is proportional for two-thirds of the original funding, to allow the City to submit their final report and get reimbursed for the two charging stations that they completed.

MSRC-TAC Chair Minh Le asked how the MSRC-TAC has voted in similar situations in the past?

Ms. Ravenstein stated that recently the City of Yucaipa received a replacement contract for completing a portion of their work and the MSRC-TAC recommended approval.

Public Comment:

John King representing the City of Paramount Planning Department thanked the MSRC-TAC for their consideration of the City's request. He also mentioned that the MSRC funding jumpstarted the City's way into electric vehicle charging and infrastructure.

Moved by Lynn, seconded by Ramirez to recommend approval; item unanimously approved.

Ayes: Cardoso, Ramirez, Nikravan, Cunanan, Escobedo, Lynn, Strelecki(alt), O'Connor, Leyzerovsky (alt), Farin, Le

Noes: None

Action: MSRC staff will include this new contract on the next MSRC agenda for approval.

FYs 2018-21 WORK PROGRAM

Agenda Item #6 – Consider 18-Month Term Extension by Ryder Integrated Logistics, Inc., Contract #MS21016 (\$3,169,746 – Procure Two Integrated Power Centers and Four Mega Chargers)

Cynthia Ravenstein, MSRC Contracts Administrator, explained that Ryder Integrated Logistics, Inc. was awarded funding to procure two integrated power centers and four Mega Chargers as part of the MSRC's Inland Ports Program. Although the funding is going towards infrastructure, the procurement of vehicles is integral to the project. Ryder indicated that the electric tractor manufacturer that they had selected is not yet in full production, making the production and delivery dates uncertain. Ryder is requesting an 18-month term extension on their contract. Due to the uncertain delivery date, they committed that if they haven't received a clear delivery date by April 1, 2025, they would move to expedite the process of requesting necessary changes. The Contracts Administrator recommends approval, with the condition that Ryder either submit a firm delivery date or modification request by April 1, 2025. The Scope Change Subcommittee reviewed Ryder's request and didn't think that the infrastructure would have to wait for the vehicles to get started since the infrastructure has many elements and takes a long time to complete. Even if Ryder decides to change the manufacturer that they are going with now, there are some infrastructure elements that are not dependent upon the specific manufacturer. The Scope Change Subcommittee is recommending approval of the 18-month term extension, but with a condition that Ryder provide an integrated schedule with intermediate milestones for both infrastructure and vehicles by December 31, 2024.

Moved by Lynn to recommend to approve for Ryder Integrated Logistics, Inc., Contract #MS21016, an 18-month term extension with the condition of providing an integrated schedule with intermediate milestones of the infrastructure and vehicle progress by 12/31/24; Seconded by Ramirez; item unanimously approved.

Ayes: Cardoso, Ramirez, Nikravan, Cunanan, Escobedo, Lynn, Strelecki (alt), O'Connor, Leyzerovsky (alt), Farin, Le

Noes: None

Action: MSRC staff will include this contract modification on the next MSRC agenda for approval.

Agenda Item #7 – 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)

Cynthia Ravenstein, MSRC Contracts Administrator, stated this item was deferred to a later date.

Action: Item deferred to next meeting.

Agenda Item #8 – Consider Proposed Amendments to MSRC “Operational Policies and Procedures”

Cynthia Ravenstein, MSRC Contracts Administrator, explained that this item relates to proposed changes to the MSRC's Operational Policies and Procedures. Last month the MSRC-TAC recommended approval except for policy number 14. This policy stated that the MSRC should treat all successful applicant proposals as fixed price contracts, and it was pointed out that

sometimes the MSRC does things that are not fixed price contracts such as the Programmatic Outreach RFP last month. Instead, the language will state that the MSRC shall treat successful applicant proposals as either time and materials, fixed price, or hybrid time and materials/fixed price contracts as appropriate. Those are all the choices that you can have in the South Coast AQMD contract routing system.

Moved by Lynn, seconded by Cunanan to recommend approval; item unanimously approved.

Ayes: Cardoso, Ramirez, Nikravan, Cunanan, Escobedo, Lynn, Strelecki (alt), O'Connor, Leyzerovsky (alt), Farin, Le

Noes: None

Action: MSRC staff will include these amendments on the next MSRC agenda for approval.

Agenda Item #9 – Update on FY 2025-'28 Work Program Development Process

Ray Gorski, MSRC Technical Advisor, gave a presentation on the Fiscal Year 2025-'28 Work Program Development. The FY 2021-'24 Work Program is coming to an end. The MSRC has approved the MSRC-TAC and staff to initiate the FY 2025-'28 Work Program Development process. This will be a three-year Work Program with an anticipated value of \$80 million. The MSRC requested Work Program options to be presented in September. Mr. Gorski asked that if the MSRC-TAC members have any ideas or suggestions for pursuing partnerships and additional funding to leverage MSRC investments to notify MSRC staff.

The first steps for the MSRC-TAC are to identify candidate Work Program categories, solicit input from agency member representatives, and solicit input from stakeholders. The MSRC-TAC will also work with staff to identify subcommittees. Staff will conduct research and analysis regarding candidate air quality strategies to inform Work Program development.

Staff is currently developing an external stakeholders outreach plan and beginning stakeholder engagement. June timeline anticipates continued outreach and work with the MSRC-TAC to compile ideas and candidate strategies. MSRC-TAC subcommittees should be ready to be formed. By August the subcommittees will be ready to start to hone their candidate lists within the monetary constraints that the Work Program allows. There will be some initial budgetary decisions made even though the MSRC retains discretion as to how the money is ultimately allocated. The MSRC seeks the MSRC-TAC's guidance on what is a reasonable or appropriate amount of funding for a specific Work Program category. The ideas and recommendations will be presented at the September meeting.

MSRC-TAC Chair Minh Le stated that he would like to see ways that we can build relationships with follow-on capital and think about how we can assist some of the MSRC program applicants. If we find a good model that could benefit from MSRC funding, if they're successful with their MSRC project, they would have a pipeline towards follow on potential debt capital.

MSRC-TAC Member Brian Cunanan asked if there are project categories that have been more popular in past cycles and received more of the allocation.

Mr. Gorski answered stating that for the last several years there has been a focus on heavy duty diesel pollution reduction and transition to electrification. From the State of California regulatory agencies there has been a strong push to electrify the highest mobile source polluters, which are heavy duty diesel trucks. The MSRC does like to have balanced programs and wants to make sure that all interests have a participatory role. The MSRC has wanted to demonstrate and sometimes be the first to try other ideas, as seen in the last Work Program with micro transit. There has been an emphasis on the categories where the State and the South Coast AQMD have stressed the need to get the initial reductions. So, there is a possibility that to a certain extent that the MSRC would want to stay the course.

Action: Information only.

OTHER BUSINESS:

Contracts Administrator Cynthia Ravenstein asked the MSRC-TAC members for help in publicizing the Programmatic Outreach RFP. Ms. Ravenstein will distribute the link to that once it has been approved by the South Coast AQMD Governing Board. Ms. Ravenstein also asked for an additional member for the Scope Change Subcommittee that meets before the MSRC-TAC meeting.

PUBLIC COMMENTS:

NO PUBLIC COMMENT

ADJOURNMENT

THERE BEING NO FURTHER BUSINESS, THE MSRC-TAC MEETING
ADJOURNED AT 2:32 P.M.

NEXT MEETING: Next meeting: Thursday, June 6, 2024, 1:30 p.m.

(Minutes prepared by Maria M. Allen)

Agenda Item #2
Summary of Final Report



MSRC-TAC Agenda Item No. 2

Date: August 1, 2024
From: Ray Gorski, MSRC Technical Advisor
Subject: Final Report Received and Reviewed

One (1) Final Report was submitted for MSRC-TAC review and approval:

- Long Beach Transit – Near-Zero Emission Transit Bus Project, Contract #MS16121

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

LONG BEACH TRANSIT – NEAR ZERO EMISSION TRANSIT BUS PROJECT

Project Description & Work Performed: Long Beach Transit (LBT) purchased one (1) new transit bus and re-powered, i.e., replaced the engines, in an additional 39 transit buses. The new bus engine and re-power engines are the Cummins Westport 8.9-liter ISL G (L9N) natural gas engine, certified by the California Air Resources Board (CARB) at, or cleaner than, CARB’s optional standard for oxides of nitrogen (NOx) of 0.02 g/bhp-hr.

The new near-zero emission bus was placed into service on November 1, 2017. For the 39 re-powered buses, LBT entered into a contract with Complete Coach Works in March 2020. All 39 buses were completed and back into revenue service as of the third quarter of FY2023.

Work to replace the engines in the repowered buses began just as the COVID-19 pandemic started. During the work, Complete Coach Works temporarily shut down, causing delays in completing all of the bus repowers. Although Complete Coach Works resumed operation on a modified work schedule, LBT saw delays lasting more than six months from the original schedule. This delay resulted in LBT seeking an extension from MSRC to complete the work.



Agenda Item #3
MSRC Contracts Administrator Report

MSRC-TAC Agenda Item No. 3

DATE: August 1, 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 May 30 to July 24, 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 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

2 contracts from this Work Program year are open, and 6 are in “Open/Complete” status. One contract closed during this period: San Bernardino County Transportation Authority, Contract #MS14072 – Implement Various Signal Synchronization Projects.

FYs 2012-14 Invoices Paid

No invoices were paid during this period.

FYs 2014-16 Work Program Contracts

6 contracts from this Work Program year are open, and 15 are in “Open/Complete” status. One contract closed during this period: Riverside County Transportation Commission, Contract #MS16094 – Metrolink First Mile/Last Mile Mobility Strategies.

FYs 2014-16 Invoices Paid

No invoices were paid during this period.

FYs 2016-18 Work Program Contracts

32 contracts from this Work Program year are open, and 59 are in “Open/Complete” status. 2 contracts moved into “Open/Complete” status during this period: City of Temecula, Contract #ML18091 – Install 16 EV Charging Stations; City of South Gate, Contract #ML18146 – Procure Five Light-Duty ZEVs and Install EV Charging Infrastructure.

FYs 2016-18 Invoices Paid

2 invoices totaling \$1,211,574.46 were paid during this period.

FYs 2018-21 Work Program Contracts

11 contracts from this Work Program year are open, and 4 are in “Open/Complete” status. One contract moved into “Open/Complete” status during this period: MHX, LLC, Contract #MS21017 – Deploy up to 10 Zero-Emission Trucks & Infrastructure.

FYs 2018-21 Invoices Paid

8 invoices totaling \$2,887,537.60 were paid during this period.

FYs 2021-24 Work Program Contracts

8 contracts from this Work Program year are open.

FYs 2021-24 Invoices Paid

No invoices were paid during this period.

Administrative Scope Changes

2 administrative scope changes were initiated during the period from May 30 to July 24, 2024:

- City of Laguna Woods, Contract #ML18094 (Install EV Charging Infrastructure) – Clarify that installation requirement is for a number of charging ports rather than stations
- Volvo Financial Services, Contract #MS21019 (Lease up to 14 Zero-Emission Trucks and Provide Charging Infrastructure) – Nine-month no-cost term extension

Attachments

- FY 2011-12 through FYs 2021-24 Contract Status Reports
- FY 2012-14 through FYs 2021-24 Progress Report Tracking



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

7/25/2024

| 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 |
|---------|--------------------------|-----------|------------|------------|--------------|--------------|-------------------------|--------|-----|

Total: 1

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

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 |

Total: 2

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 |
| ML14034 | City of Lake Elsinore | 9/5/2014 | 5/4/2021 | | \$56,700.00 | \$56,700.00 | EV Charging Stations | \$0.00 | Yes |

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

| Cont.# | Contractor | Start Date | Original End Date | Amended End Date | Contract Value | Remitted | Project Description | Award Balance | Billing Complete? |
|---------|--|------------|-------------------|------------------|----------------|----------------|---|---------------|-------------------|
| 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 |
| 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 |
| 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: 70

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? |
|-------------------------------------|---------------------------------------|------------|-------------------|------------------|----------------|--------------|---|----------------|-------------------|
| 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 |
| 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 |
| 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: 6 | | | | | | | | | |
| Pending Execution Contracts | | | | | | | | | |
| ML16127 | City of Yucaipa | | | | \$174,420.00 | \$0.00 | Implement a "Complete Streets" Pedestrian | \$174,420.00 | No |
| Total: 1 | | | | | | | | | |
| 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 |

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

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

| Cont.# | Contractor | Start Date | Original End Date | Amended End Date | Contract Value | Remitted | Project Description | Award Balance | Billing Complete? |
|------------------------------------|-------------------------------------|------------|-------------------|------------------|----------------|----------------|--|----------------|-------------------|
| Total: 82 | | | | | | | | | |
| Closed/Incomplete Contracts | | | | | | | | | |
| 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 |
| 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 |
| 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: 7 | | | | | | | | | |
| 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 | | \$302,035.00 | \$0.00 | Install EVSE | \$302,035.00 | 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 |
| 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 | 5/2/2029 | \$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 | 12/31/2028 | \$1,400,000.00 | \$1,100,000.00 | Provide One Hundred Rebates to Purchaser | \$300,000.00 | 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 |

Total: 32

Pending Execution Contracts

| Cont.# | Contractor | Start Date | Original End Date | Amended End Date | Contract Value | Remitted | Project Description | Award Balance | Billing Complete? |
|-------------------------------------|--|------------|-------------------|------------------|----------------|-------------|--|----------------|-------------------|
| ML18186 | City of Paramount | | | | \$42,686.00 | \$0.00 | Install EV Charging Infrastructure | \$42,686.00 | No |
| Total: 1 | | | | | | | | | |
| 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 |

| Cont.# | Contractor | Start Date | Original End Date | Amended End Date | Contract Value | Remitted | Project Description | Award Balance | Billing Complete? |
|---------|---------------------------------------|------------|-------------------|------------------|----------------|----------------|--|---------------|-------------------|
| ML18034 | City of Calabasas | 6/8/2018 | 3/7/2022 | 3/7/2023 | \$50,000.00 | \$50,000.00 | Install EVSE | \$0.00 | Yes |
| 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 |

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

| Cont.# | Contractor | Start Date | Original End Date | Amended End Date | Contract Value | Remitted | Project Description | Award Balance | Billing Complete? |
|---------|---------------------------------------|------------|-------------------|------------------|----------------|--------------|---|---------------|-------------------|
| 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 |
| 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 |
| ML18091 | City of Temecula | 1/19/2019 | 7/18/2023 | 3/18/2026 | \$141,000.00 | \$111,574.46 | Install EV Charging Stations | \$29,425.54 | No |
| 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 |
| 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 |
| 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 |

| Cont.# | Contractor | Start Date | Original End Date | Amended End Date | Contract Value | Remitted | Project Description | Award Balance | Billing Complete? |
|---------|---------------------------------------|------------|-------------------|------------------|----------------|----------------|---|---------------|-------------------|
| 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 |
| MS18110 | Mountain View Unified School Distric | 2/1/2019 | 3/31/2025 | | \$61,748.00 | \$61,747.29 | Install New Limited-Access CNG Infrastructu | \$0.71 | 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: 59

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? |
|--------|------------|------------|-------------------|------------------|----------------|----------|---------------------|---------------|-------------------|
|--------|------------|------------|-------------------|------------------|----------------|----------|---------------------|---------------|-------------------|

FY 2018-2021 Contracts

Open Contracts

| | | | | | | | | | |
|---------|--------------------------------------|-----------|------------|------------|-----------------|----------------|---|-----------------|----|
| MS21002 | Better World Group Advisors | 11/1/2019 | 12/31/2022 | 12/31/2024 | \$448,154.00 | \$223,988.35 | Programmatic Outreach Services | \$224,165.65 | 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 | \$15,337.25 | Hosting & Maintenance of the MSRC Websit | \$4,814.75 | No |
| MS21009 | ITS Technologies & Logistics, LLC | 7/15/2022 | 7/14/2028 | 7/14/2029 | \$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 | \$7,000,000.00 | Deploy 40 Zero Emission Trucks | \$0.00 | 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 |
| MS21018 | Pac Anchor Transportation, Inc. | 8/17/2021 | 8/16/2027 | 8/16/2028 | \$2,100,000.00 | \$1,890,000.00 | Deploy up to 21 Near Zero Emission Trucks | \$210,000.00 | 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: 11

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 |
| 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 |
| 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: 4

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

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 |
| MS24007 | City of Gardena | 6/12/2024 | 8/31/2026 | | \$424,134.00 | \$0.00 | Gtrans Microtransit Service | \$424,134.00 | 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: 8



AB2766 Discretionary Fund Program Invoices

5/29/24 to 7/24/24

| Contract Admin. | MSRC Chair | MSRC Liaison | Finance | Contract # | Contractor | Invoice # | Amount |
|-------------------------------|------------|--------------|-----------|------------|--|------------|----------------|
| <i>2016-2018 Work Program</i> | | | | | | | |
| 7/5/2024 | | | | ML18145 | City of Los Angeles Dept of Transportation | BPF202312C | \$1,100,000.00 |
| 6/6/2024 | 6/7/2024 | 6/11/2024 | 6/11/2024 | ML18091 | City of Temecula | 1-Final | \$111,574.46 |
| Total: \$1,211,574.46 | | | | | | | |
| <i>2018-2021 Work Program</i> | | | | | | | |
| 7/10/2024 | 7/10/2024 | 7/11/2024 | 7/12/2024 | MS21018 | Pac Anchor Transportation, Inc. | 286449 | \$450,000.00 |
| 7/3/2024 | 7/10/2024 | 7/11/2024 | 7/12/2024 | MS21006 | Geographics | 24-23738 | \$124.75 |
| 7/3/2024 | 7/10/2024 | 7/11/2024 | 7/12/2024 | MS21006 | Geographics | 24-23737 | \$373.00 |
| 6/20/2024 | 6/28/2024 | 6/28/2024 | 7/2/2024 | MS21013 | 4 Gen Logistics | 20240620 | \$700,000.00 |
| 6/20/2024 | 6/20/2024 | 6/21/2024 | 6/21/2024 | MS21002 | Better World Group Advisors | WG-MSRC4 | \$3,545.85 |
| 6/6/2024 | 6/7/2024 | 6/13/2024 | 6/14/2024 | MS21013 | 4 Gen Logistics | 20240410 | \$1,732,500.00 |
| 6/5/2024 | 6/7/2024 | 6/11/2024 | 6/11/2024 | MS21006 | Geographics | 24-23692 | \$621.00 |
| 6/5/2024 | 6/7/2024 | 6/11/2024 | 6/11/2024 | MS21006 | Geographics | 24-23693 | \$373.00 |

Total: \$2,887,537.60

Total This Period: \$4,099,112.06

7/25/2024



2012-14 AB2766 Contract Progress Reports

| Cont# | Contractor | Start Date | Original End Date | Amended End Date | Reporting | Oct | Nov | Dec | Jan'24 | Feb | Mar | Apr | May | Jun | Jul |
|-----------------------|---------------------------------------|------------|-------------------|------------------|-----------|-----|-----|----------|--------|------------|-----|-----|-----|-----|-----|
| Open Contracts | | | | | | | | | | | | | | | |
| MS14057 | Los Angeles County MTA | 11/07/14 | 10/06/19 | 10/31/26 | Quarterly | | | WL | | 02/12/24 | | | | | |
| MS14072 | San Bernardino Associated Governments | 03/27/15 | 03/26/18 | 03/26/24 | Quarterly | | | 01/22/24 | | Writing FR | | | | | |

Total: 2

Legend: W.L. = Warning Letter Sent

2014-16 AB2766 Contract Progress Reports

| Cont# | Contractor | Start Date | Original End Date | Amended End Date | Reporting | Dec | Jan '24 | Feb | Mar | Apr | May | Jun | Jul |
|-----------------------|-----------------------------|------------|----------------------|---------------------|-----------|----------|---------|----------|-----|-----|----------|----------------|-----|
| Open Contracts | | | | | | | | | | | | | |
| ML16017 | City of Long Beach (SE) | 02/05/16 | 08/04/23 | 05/04/29 | Quarterly | 02/20/24 | | | | | FR | | |
| ML16025 | City of South Pasadena (SE) | 06/22/16 | 04/21/23 | 10/21/24 | Quarterly | | | | | | | | |
| ML16047 | City of Fontana | 01/06/17 | 08/05/19 | 08/05/24 | Quarterly | | | 02/13/24 | | | | | |
| ML16075 | City of San Fernando (SE) | 10/27/16 | 02/26/19 | 08/26/24 | Quarterly | | | | | | 05/22/24 | | |
| ML16077 | City of Rialto (SE) | 05/03/18 | 10/02/21 | 02/02/26 | Quarterly | | | | | | | Waiting for FR | |
| MS16121 | Long Beach Transit (SE) | 11/03/17 | 04/02/24 | 11/30/28 | Quarterly | | | | | | | | FR |

7

Legend: WL = Warning Letter Sent



7/25/2024

2016-18 AB2766 Contract Progress Reports

| Cont# | Contractor | Start Date | Original End Date | Amended End Date | Reporting | Dec | Jan '24 | Feb | Mar | Apr | May | Jun | Jul |
|-----------------------|---|------------|-------------------|------------------|-----------|----------|----------|------------|----------|----------|----------|----------|-----|
| Open Contracts | | | | | | | | | | | | | |
| ML18031 | City of Diamond Bar | 09/07/18 | 11/06/25 | 11/06/27 | Quarterly | | | WL | 03/13/24 | | | | |
| ML18050 | City of Irvine (se) | 09/07/18 | 08/06/23 | | Quarterly | 01/31/24 | | | | | | | |
| ML18051 | City of Rancho Cucamonga (se) | 03/01/19 | 10/31/25 | 04/30/27 | Quarterly | 02/14/24 | | | | | | | |
| ML18055 | City of Long Beach (se) | 11/29/18 | 11/28/26 | | Quarterly | 02/26/24 | | | 05/20/24 | | | | |
| ML18057 | City of Carson | 10/05/18 | 07/04/23 | 12/15/26 | Quarterly | | 01/18/24 | | | | | | |
| ML18060 | County of Los Angeles Internal Services Dept (se) | 10/05/18 | 08/04/26 | 08/04/28 | Quarterly | 01/31/24 | | | 05/30/24 | | | | |
| ML18063 | City of Riverside (se) | 06/07/19 | 01/06/27 | 03/06/28 | Quarterly | | | | | | | | |
| ML18067 | City of Pico Rivera | 09/07/18 | 11/06/22 | 12/06/27 | Quarterly | | | 02/28/24 | | | | 06/07/24 | |
| ML18068 | City of Mission Viejo (se) | 07/31/19 | 06/30/27 | | Quarterly | | | | | 04/05/24 | | | |
| ML18069 | City of Torrance (se) | 03/01/19 | 07/31/27 | | Quarterly | | | | | 04/30/24 | | | |
| ML18078 | County of Riverside (se) | 10/05/18 | 10/04/28 | | Quarterly | | | | | | | | |
| ML18082 | City of Los Angeles (se) | 08/30/19 | 08/29/28 | 08/29/29 | Quarterly | | | | | 04/24/24 | | | |
| ML18084 | City of South El Monte | 10/18/19 | 09/17/23 | 03/30/28 | Quarterly | | | WL | | | | | WL |
| ML18091 | City of Temecula | 01/19/19 | 07/18/23 | | Quarterly | | | WL | | | FR rec'd | | |
| ML18092 | City of South Pasadena (se) | 02/01/19 | 01/31/25 | 04/30/27 | Quarterly | | | | | | | | |
| ML18094 | City of Laguna Woods | 07/12/19 | 12/11/24 | | Quarterly | | | WL | | | | 06/04/24 | |
| ML18129 | City of Yucaipa (se) | 12/14/18 | 03/13/23 | 03/13/26 | Quarterly | 01/22/24 | | | | | | | |
| ML18134 | City of Los Angeles (se) | 05/03/19 | 05/02/28 | | Quarterly | | | | | | 05/22/24 | | |
| ML18135 | City of Azusa | 12/06/19 | 12/05/29 | | Quarterly | | | 02/28/24 | | | 05/08/24 | | |
| ML18145 | City of Los Angeles (se) | 01/10/20 | 04/09/27 | 04/09/28 | Quarterly | | | | | | | | |
| ML18146 | City of South Gate (se) | 03/01/19 | 11/30/23 | 11/30/26 | Quarterly | FR | | | | | | | |
| ML18147 | City of Palm Springs (se) | 01/10/19 | 01/09/24 | 07/09/26 | Quarterly | | | | | | | | |
| ML18148 | City of San Dimas | 01/21/22 | 05/20/23 | 08/20/24 | Quarterly | 12/15/23 | | | | 04/30/24 | | | |
| ML18151 | County of San Bernardino Department of Public Works | 08/25/20 | 10/24/29 | | Quarterly | | | WL | | | | | WL |
| ML18152 | County of San Bernardino Flood Control District | 08/11/20 | 10/10/29 | | Quarterly | | | WL | | | | | WL |
| ML18166 | City of Placentia | 02/18/21 | 05/17/27 | | Quarterly | | | WL | | | WL | | |
| ML18178 | City of La Puente | 11/01/19 | 11/30/25 | 11/30/28 | Quarterly | | | | | | | | |
| ML18185 | City of Wildomar | 10/19/23 | 10/18/24 | | Quarterly | | | | | | | | WL |
| MS18024 | Riverside County Transportation Commission | 06/28/18 | 08/27/21 | 08/31/24 | Quarterly | 01/22/24 | | | | 04/25/24 | | | |
| MS18027 | City of Gardena (se) | 11/02/18 | 09/01/26 | 01/01/28 | Quarterly | 01/29/24 | | | | | | | |
| MS18065 | San Bernardino County Transportation Authority | 03/29/19 | 08/28/23 | 03/28/24 | Quarterly | 03/29/24 | | Writing FR | | | FR rec'd | | |
| MS18106 | R.F. Dickson Co. | 07/19/19 | 01/18/26 | | Quarterly | NOB | | Writing FR | | | | | |
| MS18181 | San Bernardino County Transportation Authority | 04/10/23 | 09/09/30 | | Quarterly | | | | | | | | WL |
| MS18182 | Air Products and Chemicals Inc. (se) | 03/08/23 | 02/07/31 | | Quarterly | 12/18/23 | | | | | | | |



7/25/2024

2018-21 AB2766 Contract Progress Reports

| Cont# | Contractor | Start Date | Original | | Reporting | Dec | Jan '24 | Feb | Mar | Apr | May | Jun | Jul |
|-----------------------|--|------------|----------|---------------------|-----------|----------|----------|-----|----------|----------|-----|----------|---------------|
| | | | End Date | Amended End Date | | | | | | | | | |
| Open Contracts | | | | | | | | | | | | | |
| MS21005 | Southern California Association of Gov'ts | 05/05/21 | 01/31/24 | 07/31/25 | Quarterly | 01/22/24 | | | 04/18/24 | | | | |
| MS21009 | ITS Technologies & Logistics, LLC (se) | 07/15/22 | 07/14/28 | | Quarterly | | | | | | | | |
| MS21010 | MHX, LLC | 09/29/21 | 01/28/28 | 07/28/29 | Quarterly | | 02/20/24 | | | | | | WL |
| MS21013 | 4 Gen Logistics (se) | 03/27/22 | 05/26/28 | | Quarterly | 02/08/24 | | | | 04/30/24 | | FR Rec'd | |
| MS21015 | Premium Transportation Services, Inc. (se) | 09/22/21 | 05/21/27 | 01/02/28 | Quarterly | | | | | | | | |
| MS21016 | Ryder Integrated Logistics, Inc. | 12/07/22 | 04/06/29 | | Quarterly | | | WL | | 04/18/24 | | | |
| MS21018 | Pac Anchor Transportation, Inc. (se) | 08/17/21 | 08/16/27 | 08/16/28 | Quarterly | | | | | | | | Waiting for F |
| MS21019 | Volvo Financial Services (se) | 03/31/22 | 03/30/30 | | Quarterly | | | | 04/26/24 | | | | 06/30/24 |
| MS21023 | BNSF Railway Company (se) | 04/22/22 | 04/21/28 | 04/21/29 | Quarterly | | 02/27/24 | | 05/13/24 | | | | |

Total: 9

Legend: WL = Warning Letter Sent

Agenda Item #4
Financial Report on
AB2766 Discretionary Fund

**AB 2766 Discretionary Fund
Financial Report - June 2024**

| | | |
|---|--------------|-----------------|
| Available Funding (a) | | \$ 74,852,565 |
| Less Awards by Work Program: (b) | | |
| FY 2018-21 | - | |
| FY 2021-24 | (41,659,171) | |
| Total Awards by Work Program: | | \$ (41,659,171) |
| Less Balance of FY 2018-21 and FY 2021-24 Work Programs (funding not yet awarded) | | \$ - |
| Sub-total - Surplus/(Deficit) | | \$ 33,193,394 |
| Estimated Revenue (d) | | \$ 3,030,168 |
| Estimated Available | | \$ 36,223,562 |

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 | \$ 662,000 | \$ 662,000 | \$ - | \$ - |
| FY 2018-21 Totals | \$ 58,666,096 | \$ 58,666,096 | \$ - | \$ - |

| <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 | \$ 1,914,223 | \$ - | \$ - |
| 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 | \$ 4,184,233 | \$ 41,659,171 | \$ - |

- (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.

Agenda Item #5
Report on Outreach Activities

Memorandum

To: MSRC Technical Advisory Committee

From: Ruben Aronin, Principal
Sam Emmersen, Associate Principal
Better World Group

Date: July 23, 2024

Re: Spring 2024 – Quarterly Report on Outreach Activities

Better World Group (BWG) is pleased to provide the TAC with this report on outreach, communications, and policy activities that we have undertaken on behalf of the MSRC during the last three months, as well as an overview of some of the activities we anticipate conducting over the next three months.

Task 2 – Outreach and Promotion of MSRC Work Program Achievements

- On May 8, BWG supported MSRC Chair Larry McCallon, Vice Chair Brian Berkson, and MSRC Alternates Rena Lum and John Dutrey for MSRC/Metro Day at Dodger Stadium to celebrate the Dodger Stadium Express. BWG provided the Vice Chair with Q&A points, worked with Metro staff at the stadium to coordinate the pre-game interview, and helped escort the members and guests to their seats. After the event, BWG helped secure the professional photos and video from the event to share with the participants.
- We are working with City of South Pasadena staff to plan the July 29 event celebrating the City’s transition to an all-electric police fleet. We participated in several event planning calls, reviewed and updated all press materials, designed a display for the event depicting MSRC-funded projects, drafted talking points for Chair McCallon, and will attend the event to staff the Chair and be his liaison to the media.
- We published the June edition of the [Clean Air Roadmap](#) e-newsletter:
 - A profile on Linda Krupa
 - WattEV’s San Bernardino electric trucks and charging depot
 - MSRC/Metro Day at Dodger Stadium
 - Facts-at-a-Glance: Data from the 2024 “State of the Air” report documenting the air quality in Los Angeles, Orange, Riverside, and San Bernardino Counties.
- On May 30, we posted a [news item](#) about the re-election of Chair McCallon and Vice Chair Berkson for the MSRC’s website.

- BWG drafted an article about WattEV’s San Bernardino electric truck charging depot grand opening that took place on April 15 for Chair McCallon’s South Coast AQMD summer newsletter.
- We updated the MSRC’s [Facebook](#) page with links to news and relevant stories and disseminated messages on [X](#).

Task 3 – Development and Dissemination of Marketing/Promotional Materials

- BWG developed sample social media messaging for TAC and MSRC members to help promote the MSRC’s June electronic newsletter.
 - **X Message 1:**
Some new reading for your Summer vacation – the latest @cleantransfund E-news is here!

Read about new MSRC Member Linda Krupa, highlights from MSRC Day at Dodger Stadium, and WattEV’s e-truck charging depot in San Bernardino 🚚

Learn more: <https://bit.ly/3o831Ax>

- **X Message 2:**
Stop the (digital) presses! The @cleantransfund E-news is now available!

Learn more about new MSRC Member Linda Krupa, MSRC/Metro Day to celebrate the Dodger Stadium Express, and WattEV’s e-truck depot in San Bernardino 🚚

Learn more: <https://bit.ly/3o831Ax>

Task 4 – Participation in Meetings and Events

- For the Ports of Los Angeles and Long Beach Harbor Commissioners hearings in June to approve the Ports’ MOUs with the South Coast AQMD/MSRC, BWG worked with MSRC staff to secure Chair McCallon’s participation, drafted talking points for him, and attended both meetings to staff the Chair. The MSRC’s new partnership with the Ports received notable media coverage, including:
 - [“California Ports Invest \\$25 Million in Truck Charging Facilities,”](#) HDT Truckinginfo.com, July 12, 2024
 - [“This Segment of EV Charging Finally Sees Growth,”](#) Autoweek, July 10, 2024
 - [“LB/LA Ports Invest \\$24 Million in Electric Truck Charging Infrastructure,”](#) Signal Tribune, July 7, 2024
 - [“\\$25M Into Charging Infrastructure for Trucks,”](#) Transportation Today News, July 1, 2024
- Facilitated bi-monthly check-in calls with Cynthia Ravenstein and participated in monthly MSRC meetings via Zoom.
- Participated in monthly CARB/NGOs call re: state regulatory policy updates.
- Participated in monthly Green CA calls re: state legislative and regulatory policies.
- Attended monthly South Coast AQMD Legislative Committee meetings via Zoom.

Task 5 – Strategic Market Direction for MSRC Work Programs

- Tracked all relevant state and federal regulatory, legislative, funding, research, and other news in the [April](#) and [June](#) *Clean Transportation Policy Update*.

August - September Anticipated Activity Highlights and Opportunities

- Support Chair McCallon at the City of South Pasadena police EV event on July 29
- Research, write, and publish the September electronic newsletter
- Research and write the September edition of the *Clean Transportation Policy Update*
- Work with the MSRC staff to help prepare for the development of the new FY 2024-2027 Work Program.
- Work with interested MSRC TAC and Members to participate in social media promotion of MSRC activities.
- Research and track state and federal legislative and regulatory priorities including clean transportation funding initiatives.

Agenda Item #6
Consider FY 24-25 Administrative Budget



MSRC-TAC Agenda Item No. 6

DATE: August 1, 2024

FROM: Karen Sandoval

SUBJECT: FY 2024-25 Administrative Budget

SYNOPSIS: As part of the annual MSRC budget, administrative costs are limited to not more than 6.25 percent of the annual MSRC portion of the AB 2766 revenues. Each year, an administrative budget is prepared. For FY 2024-25, the projected administrative costs are \$965,560 against a cap of \$1,035,243.

RECOMMENDATION(S): Review and approve the attached FY 2024-25 Administrative Budget, and forward it to the MSRC for review and approval.

WORK PROGRAM IMPACT: 100 percent of the technical advisor's contract, or an estimated amount of \$271,196, is chargeable to the subsequent Work Program. There are no other work program impacts.

BACKGROUND:

California Health & Safety Code, Section 44233, limits the administrative expenses for the MSRC to not more than 6.25 percent of its annual AB 2766 revenues. Each year, an administrative budget is prepared for review and approval by the MSRC.

DISCUSSION:

The proposed FY 2024-25 Administrative Budget is \$965,560 as shown in the attachment. The projected 6.25 percent administrative cap is \$1,035,243, leaving a margin of \$69,683. The following elements apply to these projections:

(1) Staff Salaries:

Costs are projected for three full-time staff positions (one Program Supervisor and two Contracts Assistants), and a part time position (Senior Administrative Assistant). A Planning & Rules Manager has been added and will be working approximately 800 hours on MSRC, resulting in an increase of \$119,768 in staffing costs.

(2) Staff Administrative Support

South Coast AQMD charges MSRC for certain support functions provided to the MSRC. This includes legal, financial, and contractual support. The estimated hours reflect resources spent by the support functions.

(3) Burdened Rates:

South Coast AQMD charges MSRC burdened rates for its staff positions and other administrative support personnel. The fully burdened hourly rate reflects the FY 2024-25 proposed overhead rates and the existing South Coast AQMD labor agreement resulting in an increase of \$11,947 in staffing costs.

(4) Miscellaneous Direct Costs:

These costs include: (1) annual travel costs of \$2,500; (2) \$5,000 for conference-related expenses and (3) miscellaneous expenses, such as printing, mailing, refreshments, etc., in the amount of \$48,500. There is a decrease of \$48,213 to the administrative budget as the technical advisor's contract costs will be fully charged to program costs.

(5) Revenues:

Based on receipts for the AB 2766 program, the revenue projection has been revised to reflect the current trend in revenue collections.

In summary, the projected FY 2024-25 Administrative Budget reflects the best and most reasonable cost estimates that are currently available.

ATTACHMENT:

Spreadsheet outlining Proposed FY 2024-25 Administrative Budget

Mobile Source Air Pollution Reduction Review Committee

Fiscal Year 2024-25 Proposed Administrative Budget

| Staff | FY 2023/24 Adopted Budget | | | FY 2024/25 Proposed Budget | | | | |
|--|---------------------------|---------------------|---------------------|----------------------------|---------------------|---------------------|--------------------------|-----------|
| | Hours | Fully Burdened Rate | Budget | Hours | Fully Burdened Rate | Budget | Recognize in AQMD Budget | |
| | | | | | | | Work Program | Account # |
| Staff Administrative Support | | | | | | | | |
| Principal Deputy District Counsel | 360 | \$ 156.45 | \$ 56,321 | 360 | \$ 158.54 | \$ 57,074 | | |
| Financial Analyst | 120 | 115.91 | \$ 13,909 | 120 | 117.35 | \$ 14,082 | | |
| Procurement Manager | 300 | 147.76 | \$ 44,327 | 300 | 149.71 | \$ 44,913 | | |
| Administrative Assistant I | 40 | 77.87 | \$ 3,115 | 40 | 78.69 | \$ 3,148 | | |
| Staff Specialist | 220 | 116.03 | \$ 25,526 | 220 | 118.42 | \$ 26,052 | | |
| Contracts Assistant | 220 | 77.87 | \$ 17,131 | 220 | 78.69 | \$ 17,312 | | |
| Fiscal Assistants (2) | 30 | 73.72 | \$ 2,212 | 30 | 74.47 | \$ 2,234 | | |
| Accounting Technician | 30 | 82.45 | \$ 2,473 | 30 | 83.34 | \$ 2,500 | | |
| Senior Accountant | 20 | 106.09 | \$ 2,122 | 20 | 107.37 | \$ 2,147 | | |
| Total Staff Administrative Support | 1,340 | | \$ 167,136 | 1,340 | | \$ 169,462 | | |
| Contract Administration & Program Support | (a) | | | (a) | | | | |
| Planning & Rules Manager | - | \$ - | | 800 | \$ 149.71 | | | |
| Program Supervisor | 1,900 | 134.40 | | 1,900 | 137.38 | | | |
| Sr Administrative Assistant | 600 | 94.45 | | 600 | 95.54 | | | |
| Contracts Assistant | 1,900 | 78.60 | | 1,900 | 79.47 | | | |
| Contracts Assistant | 1,900 | 78.60 | | 1,900 | 79.47 | | | |
| Total Contract Administration & Program Support | 6,300 | | \$ 610,709 | 7,100 | | \$ 740,098 | | |
| SUBTOTAL STAFFING COSTS | | | \$ 777,845 | | | \$ 909,560 | | |
| Miscellaneous Direct Costs | | | | | | | | |
| Professional & Special Services | | | \$ 9,000 | | | \$ 9,000 | 44003 | 67450 |
| Public Notice | | | 8,000 | | | 8,000 | 44003 | 67500 |
| Communications | | | 5,000 | | | 5,000 | 44003 | 67900 |
| Postage | | | 7,500 | | | 7,500 | 44003 | 68060 |
| Office Expense/Supplies | | | 12,000 | | | 12,000 | 44003 | 68100 |
| Miscellaneous Expense | | | 7,000 | | | 7,000 | 44003 | 69700 |
| Conference- Related Expense | | | 5,000 | | | 5,000 | 44003 | 69700 |
| Technical Advisor (25%) (b) | | | 48,213 | | | | | |
| Travel Costs | | | 2,500 | | | 2,500 | 44003 | 67800 |
| Fixed Assets | | | - | | | - | | |
| Total Miscellaneous Direct Costs | | | \$ 104,213 | | | \$ 56,000 | | |
| Total MSRC Admin Costs | 7,640 | | \$ 882,058 | 8,440 | | \$ 965,560 | | |
| Estimated 6.25% Admin Cap | | | \$ 1,018,750 | | | \$ 1,035,243 | | |
| Amount (Over)/Under MSRC 6.25% Admin Cap | | | \$ 136,692 | | | \$ 69,683 | | |

(a) The Program Supervisor and Contracts Assistants (2) are budgeted for 100 overtime hours each.

(b) The projection for Technical Advisor expense projection is based on the current contract.

Fully Burdened Rate includes:

48.93% Benefits

9.7% Overhead

32.2% General & Administrative

Agenda Item #7
Consider Extension
by City of Los Angeles

MSRC-TAC Agenda Item No. 7

DATE: August 1, 2024

FROM: Cynthia Ravenstein, MSRC Contracts Administrator

SUBJECT: One-Year Term Extension by City of Los Angeles, Contract #ML18082

SYNOPSIS: The City requests a one-year term extension due to delays in the release of the vehicle purchase orders, vehicle parts supply issues, and network connection issues at their East Valley District Yard. This contract has previously been extended by one year as part of the FYs 2016-18 Local Government Match Program.

FINANCIAL IMPACT: None

RECOMMENDATIONS: The MSRC Contracts Administrator recommends approval, conditioned on this being the final extension

ATTACHMENTS: Contractor's letter requesting modification

DISCUSSION:

Contractor: City of Los Angeles

Project Title: Procure Eight Medium-Duty ZEVs and Install Eight Limited-Access Charging Stations

MSRC Funding: \$900,000

Project Term: August 30, 2019 to August 29, 2029

Current Request: One-year term extension

Previous Requests: One-year term extension

Project Description: The MSRC awarded the City \$900,000: \$740,000 to procure eight medium-duty ZEVs and \$160,000 to install eight limited-access charging stations. The City has taken delivery of one vehicle and four charging stations have been placed into service. Nothing has been paid to date.

Previous Requests: The City indicated that they received an unsatisfactory response to their Request for Bid for the vehicles in 2019. In 2020, the project was put on hold due to pandemic-associated budget cuts. However, in 2022 the City identified funds which enabled them to resume work on these efforts. The City requested a one-year contract term extension to complete the work and fulfill the operational requirements. This modification was processed administratively.

Contract Request: The City indicates that delivery of the vehicles has been delayed due to delays in the release of the vehicle purchase orders and vehicle parts supply issues. One vehicle has been delivered and the others are expected to be delivered by the end of 2024. For the charging stations, all eight have been installed, and four are operational. Operation of the remaining four has been delayed due to methane zone issues at their East Valley District Yard. The City anticipates that these issues will be resolved and the chargers operational within the next few months. The City requests a one-year term extension.

Recommendations: The MSRC Contracts Administrator recommends approval, conditioned on this being the final extension.

CITY OF LOS ANGELES

CALIFORNIA



KAREN BASS
MAYOR

BOARD OF PUBLIC WORKS MEMBERS

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TJ KNIGHT
ACTING EXECUTIVE DIRECTOR

BUREAU OF SANITATION

BARBARA ROMERO
DIRECTOR AND GENERAL MANAGER

VACANT
CHIEF OPERATING OFFICER

SARAI BHAGA
CHIEF FINANCIAL OFFICER

JULIE ALLEN
NICOLE BERNSON

MAS DOJIRI
ALEXANDER E. HELOU
ROBERT POTTER
ASSISTANT DIRECTORS

HI SANG KIM
ACTING HYPERION EXECUTIVE PLANT MANAGER

1149 SOUTH BROADWAY, 9TH FLOOR
LOS ANGELES, CA 90015
TEL: (213) 485-2210
FAX: (213) 485-2070

July 1, 2024

Electronic Mail

Ms. Cynthia B. Ravenstein
MSRC Contracts Administration
South Coast AQMD/MSRC
21865 Copley Drive
Diamond Bar, CA 91785

Dear Ms. Ravenstein:

CONTRACT EXTENSION REQUEST FOR CONTRACT NO. ML18082A

The City of Los Angeles – LA Sanitation and Environment (LASAN) respectfully requests a 12-month term extension, which will extend the termination date of the above-mentioned contract to August 29, 2030. LASAN continues to strive to remain compliant with the contract terms and conditions, including the timely delivery of identified project milestones. However, challenges beyond our control have made it necessary to submit this request.

Contract ML 18082A is a modification of the original contract ML 18082. The modified contract, which was fully executed on October 26, 2022, was processed and approved by the South Coast Air Quality Management District (SCAQMD) in response to LASAN's prior request for a 12-month contract term extension.

The contract terms include SCAQMD's payment to LASAN of up to \$900,000 for the procurement of eight new zero-emission vehicles (ZEVs) with a gross vehicle weight rating (GVWR) greater than 8,500 lbs. and the procurement and installation of eight limited-access electric vehicle (EV) Level III/Fast Chargers. Furthermore, the contract requirements include a minimum five-year operation of the EVs and EV chargers.

zero waste • zero wasted water

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Recyclable and made from recycled waste



Subject: Contract Extension Request for ML 18082A

Date: July 1, 2024

Page No.: 2

New Zero Emission Vehicles, GVWR > 8500 lbs. The delivery of seven battery-electric stake beds and one battery-electric rear loader was initially projected to be completed in May 2024. However, the timeline for the delivery of these EVs has been extended due to delays in the release of the EV purchase orders, caused by funding issues and vehicle parts supply issues. Details of the procured EVs can be found in Table 1 below.

Table 1. ML 18082 Battery Electric Vehicles

| Quantity | EV Manufacturer | Model | EV Type | GVWR (lbs) | Battery Capacity (kWH) |
|----------|-----------------|-------|-------------|------------|------------------------|
| 7 | Rizon | E18L | Stake Bed | 17,999 | 124 kWH |
| 1 | Battle Motors | LNT | Rear Loader | 43,000 | 240 kWH |

As of today, only one Rizon E18L electric stake bed, out of seven, has been delivered by the vendor. Rizon anticipates completing the EV delivery by the end of Calendar Year (CY) 2024. The electric rear loader manufacturer, Battle Motors, has a similar EV delivery timeline.

New Level III EV Charging Stations. All eight Level III EV chargers/direct current fast chargers (DCFCs) have been installed at the LASAN Solid Resources District Yards. Four of them have been fully commissioned and are currently in operation. The delay was caused by specific yard issues, such as electrical equipment and network connection.

The City contractor, Shell eDepot Solutions, continues to address the methane zone issues at the East Valley District Yard and anticipates that the four DCFCs at the yard will be fully commissioned and operational in the next few months.

Table 2 below provides the current status of the eight EV chargers.

Table 2. ML 18082 Direct Current Fast Chargers (DCFCs)

| Quantity | Location | EV Charger Manufacturer | Model | Power Rating (kW) | STATUS |
|----------|-----------------------------|-------------------------|-----------|-------------------|--------------|
| 2 | North Central District Yard | ABB | Terra 184 | 180 | Commissioned |
| 1 | South LA District Yard | Zerova | DS 60 | 60 | Commissioned |
| 1 | West Valley District Yard | Zerova | DS 60 | 60 | Commissioned |
| 4 | East Valley District Yard | Zerova | DS 60 | 60 | Installed |

Public Outreach Plan. In CY 2023 and CY 2024, LASAN participated in its annual Solid Resources District Yard Spring/Summer Open House events at the six district yards. At these events, LASAN staff distributed flyers about the organization's clean air efforts to City residents and discussed the procurement of its first medium-duty and heavy-duty EVs, including the installation of EV chargers at the yards. LASAN staff also acknowledged MSRC for co-funding the procurement of the equipment and its significant role in LASAN's transition to zero-emission vehicles. More details will be included in the Final Report.

Subject: Contract Extension Request for ML 18082A

Date: July 1, 2024

Page No.: 3

LASAN has been working closely with the City contractor to diligently address project issues and concerns. LASAN proposes the revised project milestone schedule listed below:

- Award Purchase Orders for MD/HD ZEVs – Completed
- Complete EV Charging Station Installation and Enter into Service – Month 64 (December 2024)
- Place MD/HD ZEVs into Service – Month 67 (March 2025)
- Implement Outreach Plan – Completed
- Quarterly Reports – Quarterly, continuing until all EV chargers and all EVs are placed in service
- Final Report – Month 70 (June 2025)

LASAN is committed to supporting SCAQMD-MSRC's clean air initiatives, particularly the transition to zero-emission vehicles. However, the denial of LASAN's contract extension request could lead to significant budgetary challenges for the organization.

Thank you for your consideration. LASAN looks forward to SCAQMD-MSRC's favorable response. For any questions, please contact Charlotte Tan of my staff by email at charlotte.tan@lacity.org.

Sincerely,



ALEXANDER E. HELOU
Assistant Director
LA Sanitation & Environment (LASAN)

c: Cecile Buncio, LASAN
Charlotte Tan, LASAN
Sindy Enriquez, MSRC

Agenda Item #8
Consider Extension
by City of Mission Viejo

MSRC-TAC Agenda Item No. 8

DATE: August 1, 2024

FROM: Cynthia Ravenstein, MSRC Contracts Administrator

SUBJECT: Two-Year Term Extension by City of Mission Viejo, Contract #ML18068

SYNOPSIS: In the City’s assessment, by locating the charging stations at their new Los Osos development, the stations will achieve a much higher utilization rate than in the originally proposed City Hall location. However, they need additional time to complete construction of the development and stations. The City requests a two-year term extension. This contract has not previously been extended as part of the FYs 2016-18 Local Government Match Program.

FINANCIAL IMPACT: None

RECOMMENDATIONS: The MSRC Contracts Administrator recommends approval, conditioned on this being the final extension

ATTACHMENTS: Contractor’s letter requesting modification

DISCUSSION:

Contractor: City of Mission Viejo

Project Title: Procure Two Light-Duty ZEVs and Install Two Public-Access Charging Stations

MSRC Funding: \$86,940

Project Term: July 31, 2019 to June 30, 2027

Current Request: Two-year term extension

Previous Requests: None

Project Description: The MSRC awarded the City \$86,940: \$20,000 to procure two light-duty ZEVs and \$66,940 to install two public-access charging stations. The City has taken delivery of both vehicles and \$20,000 has been paid to date.

Contract Request: In the City’s assessment, by locating the charging stations at their new Los Osos development, the stations will achieve a much higher utilization rate than in the originally proposed City Hall location. However, they need additional time to complete construction of the development and stations. The City requests a two-year term extension.

Recommendations: The MSRC Contracts Administrator recommends approval, conditioned on this being the final extension.



City of Mission Viejo

Public Works Department

Trish Kelley
Mayor

Bob Ruesch
Mayor Pro Tem

Wendy Bucknum
Councilmember

Brian Goodell
Councilmember

Cynthia Vasquez
Councilmember

July 9, 2024

Subject: City of Mission Viejo Contract Extension Request, ML18068

Dear Ms. Enriquez:

The City of Mission Viejo is respectfully requesting a 24-month extension of time for Contract ML18068 to complete the installation of EV charging stations. The City of Mission Viejo purchased a property directly across the street from the City of Mission Viejo City Hall, and is presently in the process of redeveloping the site into a public park with shops and restaurants, and entertainment. This project is called Los Osos. The project address is 25282 Marguerite Parkway, Mission Viejo, CA 92692.

Attached is a project description/brochure for the City's Los Osos Project.

After carefully studying the originally proposed location for EV Chargers at the City of Mission Viejo City Hall, located at 200 Civic Center Drive, Mission Viejo, 92691, it was determined that by relocating the proposed EV chargers to the Los Osos project directly across the street from City Hall, the chargers will provide better access to the public, and will be utilized at a much higher rate at this location. The grading plans and site plans for the Los Osos project are 80% complete. The City intends to advertise for construction bids in October, 2024, and begin construction by January, 2025. Construction should be completed by the end of 2025. EV charging stations have been incorporated into the construction plans for the Los Osos Project. Therefore, it is the City's intention to have these charging stations operational by the end of 2025. If this extension of time is not granted, the City intends to install conduits for future EV Charging Stations at the Los Oso project, but will not install chargers.

If you need any further project details please do not hesitate to contact me at (949) 470-3079 or via email at rschlesinger@cityofmissionviejo.org.

Sincerely,

Richard Schlesinger, PE
Deputy Director/City Engineer
City of Mission Viejo

Attachments: Los Osos Project Brochure



Agenda Item #9
Consider Extension
by City of Riverside

MSRC Agenda Item No. 9

DATE: August 1, 2024

FROM: Cynthia Ravenstein, MSRC Contracts Administrator

SUBJECT: 17-Month Term Extension by City of Riverside, Contract #ML18063

SYNOPSIS: The City requests an extension to July 31, 2029, approximately a 17-month term extension, due to difficulties finding a qualified vendor and issues with the anchoring system for the storage spheres. This contract has previously been extended by 14 months as part of the FYs 2016-18 Local Government Partnership Program.

FINANCIAL IMPACT: None

RECOMMENDATIONS: The MSRC Contracts Administrator recommends approval, conditioned on this being the final extension

ATTACHMENTS: Contractor's letter requesting modifications

DISCUSSION:

Contractor: City of Riverside

Project Title: Expand Existing CNG Station

MSRC Funding: \$50,000

Project Term: June 7, 2019 to March 6, 2028

Current Request: Extend term to July 31, 2029

Previous Requests: Substitute installation of dual-hose CNG dispenser for police fueling island at Lincoln Avenue, and substitute installation of two CNG storage spheres for dual-hose CNG dispenser at Acorn Street; 2-year term extension

Project Description: The MSRC awarded the City \$383,610 to expand two existing publicly accessible CNG fueling stations. Various scope changes ensued and ultimately the scope and value were reduced to the installation of two CNG storage spheres with an MSRC funding contribution of \$50,000. No construction has been completed and nothing has been paid to date.

Previous Requests: The City indicated that the installation of a dedicated fueling island for the Police Department would involve the relocation of unleaded gasoline fueling equipment. The expenses associated with this relocation would not be eligible for reimbursement by the MSRC, nor would they qualify as eligible co-funding for the project. The City requested the

scope modifications detailed above. In November 2020, the MSRC considered and approved the City's requests.

In late 2022, the City stated that the scope changes approved by the MSRC in 2020 delayed the start of work on the project. In particular, the additional dual-hose dispenser could not be installed at the Lincoln Avenue Station until the existing unleaded gasoline equipment was relocated. Furthermore, the City indicated that due to the COVID-19 pandemic, the City experienced major staffing shortages which extended the bid process. Also, many people were out sick for long periods, contractors took longer to submit design plans and took longer to receive supplies for the projects. The City estimated that the installation of the additional CNG storage spheres at the Acorn Street Station would be completed by March 2023. Other project elements would follow, with the final piece being the dispenser at the Lincoln Avenue Station in December 2023. Therefore, the City requested a 2-year term extension to allow fulfillment of the required five-year operational period. Given the MSRC's direction to minimize extensions when there has been minimal progress, the MSRC Contracts Administrator recommended approval of a 14-month term extension, eliminating the installation of both canopies and the additional dispenser at the Lincoln Avenue station, and reducing the total contract value by \$333,610. The remaining scope would be the installation of additional CNG storage spheres at Acorn Street for \$50,000. The MSRC approved the staff recommendation and the contract was modified accordingly.

Contract Request: While they had projected completion by March 2023, the City has indicated that they experienced difficulties locating a qualified vendor to install the two CNG spheres. The City approved a vendor in August 2023. Subsequently, it was discovered that the governing codes for anchoring such spheres had changed, and the City's current system no longer met code. An alternative anchoring approach has been devised and the City expects the spheres to be installed and in service by the end of July 2024. They request an extension to July 31, 2029 – approximately a 17-month term extension – to allow for the required five-year operational period.

Recommendations: The MSRC Contracts Administrator recommends approval, conditioned on this being the final extension.



General Services Department

City of Arts & Innovation

June 10, 2024

Cynthia Ravenstein
MSRC Contracts Administrator
South Coast Air Quality Management/MSRC
(909) 396-3269

Dear Ms. Ravenstein:

The City of Riverside's (City) Alternative Fuel Program has been extremely successful in providing clean fuels, public access and convenient City consumption of Compressed Natural Gas (CNG), propane, hydrogen, and electric vehicle charging infrastructure.

The City of Riverside Fleet Management Division was awarded ML18063 on June 7, 2019. On September 29, 2020, the City submitted a request for revisions to the scope of work and on February 18, 2021, these modifications were fully approved under ML18063A.

On October 20, 2022, the City of Riverside requested a 24-month extension due to delays associated with previously approved changes in scope and staffing shortages as a result of the COVID-19 pandemic. Under ML18063B, the MSRC ultimately approved a 14-month term extension, a reduction in scope eliminating the installation of canopies and dispenser, and a reduction in contract value. With this extension, the two CNG spheres were expected to be in service by March 6, 2023.

Unfortunately, the City experienced difficulties in finding a qualified vendor for the two CNG spheres. The Request for Bids had to be issued multiple times until a vendor was selected and approved by the City Council in August 2023, with the purchase order issued in October 2023. The spheres were received during the first quarter of 2024; however, a new issue was discovered that has delayed the installation. The two CNG spheres need to be stacked on top of existing CNG spheres, which are anchored to the concrete. When the contractor hired to install the spheres opened a dialog with the structural engineer to produce drawings and calculations for plan check, it was discovered that the governing codes have changed, and the anchoring system currently in place no longer meets code. The contractor and engineer came up with an alternative means of anchoring the spheres and that was submitted for plan check on May 21, 2024. The estimated plan check approval time is 4 – 6 weeks. Assuming plan check approval, the spheres will be scheduled for installation and in service by the end of July, 2024.

At this time, the City requests an extension from March 6, 2028 through July 31, 2029 or approximately 17 months to allow time to complete the installation of the two CNG spheres. If this extension request is not approved, the City will bear the full incurred costs of the purchase of the two CNG spheres totaling \$154,075, plus installation costs estimated at \$13,000.

Thank you for this opportunity to request an extension to complete this project and for the continued support from MSRC.

Sincerely,

Shari Call

Shari Call
Deputy General Services Director
scall@riversideca.gov

Agenda Item #10
Consider MSRC Partnership
with Penske Truck Rental

MSRC-TAC Agenda Item No. 10

DATE: August 1, 2024

FROM: Cynthia Ravenstein, MSRC Contracts Administrator

SUBJECT: Clarify that MSRC Allocation Partnering with Penske Truck Rental in Responding to South Coast AQMD Carl Moyer Program Announcement PA2024-02, Zero Emission Infrastructure Program Includes Partnering under Earlier South Coast AQMD Carl Moyer Program Opportunities

SYNOPSIS: In January 2024, the MSRC approved a partnership with Penske Truck Leasing to pursue funding under South Coast AQMD Carl Moyer Program Announcement PA2024-02, Zero Emission Infrastructure Program. The MSRC allocated an amount not to exceed \$17,980,000 as part of their FYs 2021-24 Work Program in an application for a project to install Level III charging stations at 20 facilities dispersed throughout the region. In February 2024, the South Coast AQMD approved the MSRC work program. Separately, in February 2024, South Coast AQMD awarded funding for the Carson, Corona, Fontana, and two Montebello elements of Penske’s project, which Penske had submitted in response to the earlier South Coast AQMD Carl Moyer Program Announcement PA2023-04. This item is to clarify that the MSRC’s \$17,980,000 allocation includes partnership for the same project, or elements thereof, under PA2023-04.

FINANCIAL IMPACT: \$6,353,697 of the original \$17,980,000 allocation would be awarded to Penske as co-funding for the specified portions of the project

RECOMMENDATIONS: The MSRC Contracts Administrator recommends approval

ATTACHMENTS: None

In 2022, the MSRC released RFI 2023-01 seeking partnerships to facilitate investment in zero emission infrastructure to support goods movement vehicles. Penske Truck Leasing responded to the MSRC’s RFI with a project to install charging stations at 20 facilities located throughout South Coast AQMD, including facilities in Carson, Corona, Fontana, and two in Montebello.

In early 2023, Penske applied to PA2023-04 Carl Moyer Program while awaiting possible MSRC action on Penske's response to MSRC's RFI 2023-01.

In January 2024, the MSRC considered an opportunity to partner with selected respondents to MSRC's RFI to pursue funding under South Coast AQMD Carl Moyer Program Announcement PA2024-02 - Zero Emission Infrastructure Program. As part of this action, the MSRC approved a partnership with Penske Truck Leasing, for which the MSRC allocated an amount not to exceed \$17,980,000 as part of their FYs 2021-24 Work Program in an application for a project to install Level III charging stations at 20 facilities dispersed throughout the region. MSRC funding was conditioned upon successful project selection by South Coast AQMD.

In February 2024, the Carson, Corona, Fontana, and two Montebello elements of this project, which are a subset of the twenty locations considered by the MSRC in January 2024, were awarded Clean Air Protection Program funding totaling \$6,392,734.20. This was as a result of Penske's submittal under the earlier South Coast AQMD Carl Moyer Program Announcement PA2023-04. The success of this effort was not known at the time that the MSRC considered partnering with Penske on a response under PA2024-02.

To achieve the same end as was sought by partnering under PA2024-02, the MSRC is asked to clarify that the MSRC's \$17,980,000 allocation includes partnership for the same project, or elements thereof, under PA2023-04. \$6,353,697 of the original \$17,980,000 allocation would be awarded to Penske as co-funding for the Carson, Corona, Fontana, and two Montebello elements of this project. The remaining \$11,626,303 would remain allocated under the original terms pending the outcome of PA2024-02.

Agenda Item #11
Evaluating Performance of MSRC Website
and Consider Potential Next Steps

MSRC-TAC Agenda Item No. 11

DATE: August 1, 2024

FROM: Cynthia Ravenstein, MSRC Contracts Administrator

SUBJECT: Evaluate Performance of MSRC Website and Consider Potential Next Steps

SYNOPSIS: The current contract with Geographics for hosting and maintenance of the MSRC website will terminate on June 20, 2025. The MSRC-TAC Administrative Subcommittee assessed the features, functionality and performance of the current www.CleanTransportationFunding.org website and considered potential next steps.

RECOMMENDATION: The Subcommittee found that the website continues to perform its essential functions and does not recommend a major redesign at this time. The Subcommittee recommends that the MSRC consider development of an RFP which would seek base quotes for hosting and maintenance with supplemental quotes for performing limited upgrades/revisions to the existing site. The Subcommittee also recommends investigation of other means of solicitation posting and proposal acceptance, such as PlanetBids.

FINANCIAL IMPACT: Refinement of costs is ongoing, and a targeted funding range would be brought back as an element of the draft RFP.

Agenda Item #12
Approve MOUs between SCAQMD on behalf of MSRC
and Port of Long Beach and Los Angeles



MSRC-TAC Agenda Item No. 12

DATE: August 1, 2024

FROM: Ray Gorski, MSRC Technical Advisor

SUBJECT: Approve Memorandum of Understanding between: 1) the South Coast AQMD on behalf of the MSRC and the Port of Long Beach; and 2) South Coast AQMD on behalf of the MSRC and the Port of Los Angeles.

SYNOPSIS: On June 24, 2024, the Board of Harbor Commissioners for the Port of Long Beach (POLB) unanimously approved a Memorandum of Understanding (MOU) between POLB and the South Coast AQMD on behalf of the MSRC. This MOU establishes a framework that will allow POLB to invest Clean Truck Fund rate proceeds in heavy-duty zero-emission drayage truck charging infrastructure (EVSE) projects that will be administered by the MSRC.

Similarly, on June 27, 2024, the Port of Los Angeles Board of Harbor Commissioners approved an MOU between the Port of Los Angeles (POLA) and the South Coast AQMD on behalf of the MSRC. This MOU will facilitate POLA's investment of Clean Truck Fund rate proceeds in the heavy-duty zero-emission drayage truck charging infrastructure (EVSE) projects. Both POLB and POLA will contribute equal funding amounts towards eight (8) EVSE projects, as discussed below.

RECOMMENDATION: MSRC Staff recommends the MSRC-TAC: 1) approve MOUs with the Port of Long Beach and Port of Los Angeles; 2) recommend MSRC approve and forward the MOUs to the SCAQMD Governing Board for execution; and 3) that upon execution of the MOUs, MSRC direct staff to effectuate the MOUs, including the development, execution, and administration of contractual agreements in accordance with terms included in each MOU.

WORK PROGRAM IMPACT: **Clean Transportation Funding™** to administer Zero-Emission Infrastructure projects will be allocated from the MSRC's Administrative Budget.

Overview: MSRC RFI 2023-01 was released on September 2, 2022, requesting submittal of Information Packages seeking partnerships to facilitate investment in zero-emission infrastructure to support the transition of goods movement trucks to zero-emissions within the South Coast AQMD region. A total of \$50M was allocated by the MSRC for this Work Program category. The RFI closing date was November 30, 2022.

The Port of Long Beach (POLB) and Port of Los Angeles (POLA) both responded to the RFI, expressing an interest to investigate partnership opportunities to implement EVSE infrastructure projects that would benefit zero-emission heavy-duty drayage trucks operating at the Ports.

As a result of a collaborative work effort involving the MSRC and the staff of the POLB and POLA, a list of RFI projects were identified that were deemed meritorious and would further the Ports’ goal of expanding accessible zero-emission EVSE.

To facilitate a partnership between POLB, POLA, and the South Coast AQMD on behalf of the MSRC, a Memorandum of Understanding (MOU) between South Coast AQMD/MSRC and POLB and South Coast AQMD/MSRC and POLA were developed. These two MOUs outline the terms and conditions to allow each Port to invest their respective Clean Truck Fund rate proceeds towards projects included in each MOU.

Tables 1 and 2, below, show the specific Projects and funding amounts from POLB and POLA, respectively. Both POLB and POLA are funding the same projects in equal amounts:

Table 1 – EVSE Projects and POLB Funding Contribution

| RECIPIENT | PROJECT | POLB FUNDING |
|-------------------------------|---|---------------|
| Clean Energy | At least 3 EVSE at Existing LNG Station in Wilmington | \$ 1,582,577 |
| TeraWatt | EVSE Located in Rancho Dominguez - 40 Stalls | \$ 1,000,000 |
| TeraWatt | EVSE Located in Rialto - 63 Charging Stalls | \$ 1,000,000 |
| TeraWatt | EVSE Located in Fontana - 14 Charging Stalls | \$ 1,000,000 |
| TeraWatt | EVSE Located in Commerce - 11 Charging Stalls | \$ 1,000,000 |
| Forum Mobility | 30 EVSE at POLB | \$ 3,000,000 |
| Electrify America | Thirty (30) EVSE + Battery Storage at POLB | \$ 2,547,202 |
| Electrify America | Sixteen (16) EVSE + Battery Storage at Rialto | \$ 1,390,882 |
| Total POLB Funding Commitment | | \$ 12,520,661 |

Table 2 – EVSE Projects and POLA Funding Contribution

| RECIPIENT | PROJECT | POLA FUNDING |
|--------------------------------------|---|----------------------|
| Clean Energy | At least 3 EVSE at Existing LNG Station in Wilmington | \$ 1,582,577 |
| TeraWatt | EVSE Located in Rancho Dominguez - 40 Stalls | \$ 1,000,000 |
| TeraWatt | EVSE Located in Rialto - 63 Charging Stalls | \$ 1,000,000 |
| TeraWatt | EVSE Located in Fontana - 14 Charging Stalls | \$ 1,000,000 |
| TeraWatt | EVSE Located in Commerce - 11 Charging Stalls | \$ 1,000,000 |
| Forum Mobility | 30 EVSE at POLB | \$ 3,000,000 |
| Electrify America | Thirty (30) EVSE + Battery Storage at POLB | \$ 2,547,202 |
| Electrify America | Sixteen (16) EVSE + Battery Storage at Rialto | \$ 1,390,882 |
| Total POLA Funding Commitment | | \$ 12,520,661 |

As shown above in Tables 1 and 2, a total of eight (8) projects implemented by four (4) infrastructure developers will be funded in equal amounts by each Port. The total POLA and POLB investment is \$25,041,322.

The POLA and POLB funding contributions will be matched by co-funding contributed by each project implementer. The MSRC is not making a direct funding contribution to the projects listed in Tables 1 and 2; rather, the MSRC will administer the projects as an element of its FY 2021-'24 Work Program.

Development of the MOU instruments was a cooperative undertaking between the staff of the MSRC, staff of the respective Ports, South Coast AQMD legal counsel, and the City Attorneys representing the Cities of Long Beach and Los Angeles.

On June 24, 2024, the Board of Harbor Commissioners for the Port of Long Beach (POLB) unanimously approved the MOU. Similarly, on June 27, 2024, the Port of Los Angeles Board of Harbor Commissioners unanimously approved the MOU.

MSRC Staff Recommendation: MSRC Staff recommends the MSRC-TAC: 1) approve MOUs with the Port of Long Beach and Port of Los Angeles; 2) recommend MSRC approve and forward the MOUs to the SCAQMD Governing Board for execution; and 3) that upon execution of the MOUs, MSRC direct staff to effectuate the MOUs, including the development, execution, and administration of contractual agreements in accordance with terms included in each MOU.

ATTACHMENTS: Attachment A – POLA MOU; Attachment B – POLB MOU

MEMORANDUM OF UNDERSTANDING

THIS MEMORANDUM OF UNDERSTANDING (this “MOU”) is dated for reference purposes as of _____ between the SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (“SCAQMD”), on behalf of the MOBILE SOURCE AIR POLLUTION REDUCTION REVIEW COMMITTEE (“MSRC”), and the CITY OF LOS ANGELES, a municipal corporation, acting by and through its Board of Harbor Commissioners (“POLA” or “Port”). The aforementioned parties to this MOU shall be referred to individually herein as a “Party” and collectively herein as “Parties.”

RECITALS

- A. In September 2020, Executive Order N-79-20 was issued to establish a goal that, in pertinent part, 100 percent of medium-and heavy-duty vehicles in the state be zero-emission (ZE) by 2045 for all operations where feasible, and that 100 percent of drayage trucks to be ZE by 2035. In April 2023, the California Air Resources Board (CARB) adopted the Advanced Clean Fleets (ACF) regulation¹ which, in pertinent part, requires all new drayage trucks to be ZE by 2024, and all existing drayage trucks to be ZE by 2035. This state transition to ZE is consistent with the Port’s Clean Truck Program goal of 100% ZE drayage trucks serving at the Port by 2035.
- B. Under California Health & Safety Code Sections 44225, et seq. (AB 2766), the legislature has authorized the State’s Department of Motor Vehicles (DMV) to collect a statutorily set Motor Vehicle Registration fee surcharge, which is subvented to SCAQMD for disbursement in programs² for the purpose of reducing air pollution from motor vehicles under the California Clean Air Act.
- C. AB 2766 further mandates that thirty (30) percent of such vehicle registration fees be placed by SCAQMD into a separate account for the sole purpose of implementing and monitoring programs to reduce air pollution from motor vehicles.
- D. AB 2766 created the MSRC to develop a Work Program to fund projects from the separate account. Once SCAQMD's Governing Board approves the Work Program developed by the MSRC, SCAQMD administers the elements of the Work Program on behalf of the MSRC.
- E. As part of their Work Program development process, the MSRC is committed to funding up to \$50 million to develop zero-emission vehicle refueling infrastructure for use by the goods movement industry. In September 2022, the MSRC initiated a Request for

¹ See CARB, Advance Clean Fleets, available at <https://ww2.arb.ca.gov/our-work/programs/advanced-clean-fleets>. In addition to Drayage Trucks, the ACF regulation also transitions Government Fleets and High Priority Fleets to ZE.

² See South Coast AQMD, AB 2766 Subvention Fund Program Resource Guide (July 2023), available at <https://www.aqmd.gov/docs/default-source/transportation/ab2766-motor-vehicle-subvention-fund-program/ab2766-resource-guide.pdf?sfvrsn=18>.

Information solicitation process whereby the MSRC sought submission of projects to construct zero-emission refueling infrastructure within the geographical jurisdiction of the South Coast Air Quality Management District. A total of eight (8) PROJECTS were identified through this solicitation as listed in Exhibit A.

- F. The City of Los Angeles Harbor Department manages the Port of Los Angeles as a landlord port leasing Port property to tenants that operate the facilities, including cargo terminals, which may receive and process maritime cargo transported by drayage trucks. POLA is committed to the goods movement industry's deployment of zero-emission drayage trucks servicing the Port. To achieve POLA's Clean Truck Program goals, accessible zero-emission refueling infrastructure is required.
- F. The Parties are entering into this MOU in order to set forth the obligations of the Parties.

In consideration of the foregoing, and the mutual undertakings contained herein, the Parties hereby agree as follows:

1. DEFINITIONS

As used herein, the following terms have the meanings as set forth below:

"Drayage truck" has the meaning set forth in the CARB Advanced Clean Fleets regulation.

"EVSE" is Electric Vehicle Supply Equipment, which supplies electricity to an electric vehicle (EV). Commonly called charging stations or charging docks, they provide electric power to a Zero Emission Vehicle and use that to recharge the vehicle's batteries.

"MSRC" is the Mobile Source Air Pollution Reduction Review Committee as defined in California Health & Safety Code Section 44244.

"Zero Emission Drayage Truck" is a Drayage Truck that is a Zero Emission Vehicle.

"Zero Emission Vehicle" or "ZEV" has the meaning set forth in the CARB Advanced Clean Fleets regulation.

2. POLA PROJECT FUNDS

Under the terms of this MOU, POLA will contribute funding towards eight (8) zero-emission infrastructure PROJECTS that will refuel Zero-Emission Drayage Trucks servicing the San Pedro Bay Ports. POLA is committing funding to the PROJECTs which SCAQMD will administer to recipients ("RECIPIENTS") as shown below and included in Exhibit A of this MOU:

| RECIPIENT | PROJECT | POLA FUNDING |
|-------------------------------|---|---------------|
| Clean Energy | At least 3 EVSE at Existing LNG Station in Wilmington | \$ 1,582,577 |
| TeraWatt | EVSE Located in Rancho Dominguez - 40 Stalls | \$ 1,000,000 |
| TeraWatt | EVSE Located in Rialto - 63 Charging Stalls | \$ 1,000,000 |
| TeraWatt | EVSE Located in Fontana - 14 Charging Stalls | \$ 1,000,000 |
| TeraWatt | EVSE Located in Commerce - 11 Charging Stalls | \$ 1,000,000 |
| Forum Mobility | 30 EVSE at POLB | \$ 3,000,000 |
| Electrify America | Thirty (30) EVSE + Battery Storage at POLB | \$ 2,547,202 |
| Electrify America | Sixteen (16) EVSE + Battery Storage at Rialto | \$ 1,390,882 |
| Total POLA Funding Commitment | | \$ 12,520,661 |

3. PROGRAM ADMINISTRATION

- a. RECIPIENT AGREEMENTS. After the effective date of this MOU, SCAQMD on behalf of the MSRC intends to enter into an AGREEMENT for each PROJECT with its respective RECIPIENT. POLA will be provided an opportunity to review and comment on the AGREEMENT template prior to finalization, and a draft copy of each RECIPIENT AGREEMENT with a 30-day window, and an executed copy of each shall be provided to POLA. RECIPIENTS are responsible for execution of the PROJECT. Except as discussed below, any revisions that would require modifications to Exhibit A shall require written notice by SCAQMD to POLA and shall require an amendment. The Parties acknowledge that in the event modifications to Exhibit A are not made as set forth herein, POLA's ability to make payments to SCAQMD on behalf of MSRC may be prohibited.

If RECIPIENT requests to complete only part of the proposed PROJECT, MSRC has the authority to approve any such requests (with SCAQMD Governing Board approval, if required) and reduce the amount of POLA funding the RECIPIENT receives, provided such reduction is proportional.

- b. SCAQMD as Administrator. SCAQMD on behalf of the MSRC shall administer the AGREEMENTS that fund the PROJECTS, on the terms and conditions set forth in its AGREEMENTS with the RECIPIENTS and under the terms and conditions of this MOU.
- c. Reporting. On a quarterly basis and until the PROJECT is complete, SCAQMD shall provide a written report with data, or access to data, containing (i) an accounting of funds received under this MOU, (ii) an accounting of any funds disbursed to RECIPIENTS by SCAQMD on behalf of MSRC, and (iii) a breakdown of PROJECT costs and disbursements pursuant to each Milestone/task completion specified in PROJECTS AGREEMENTS. Upon reasonable request of the POLA, SCAQMD shall provide copies

of, or access to review, PROJECT-related records. SCAQMD shall provide a final comprehensive report that summarizes the completion of the Projects, final costs, and disbursements within 60 days after the end of the MOU term.

- d. Record Retention. SCAQMD agrees to maintain data, information, records and documents related to the PROJECTs for a minimum of three (3) years after the completion of the PROJECTs.
- e. No Administrative Fees/Additional Costs. Except for POLA's contribution towards funding the PROJECTs in the amounts set forth in Exhibit A, POLA shall have no responsibility for payment or reimbursement of any other costs, including costs related to administration of the PROJECTs.

4. PAYMENT OF CONTRIBUTIONS

- a. POLA shall pay an amount for each PROJECT under this MOU in the amounts shown in Exhibit A. Payments will be contingent upon receipt of the following:
 - i) An invoice from SCAQMD;
 - ii) A copy of executed AGREEMENT between the SCAQMD and RECIPIENT for which payment is requested. The AGREEMENT will include a Statement of Work, Implementation Schedule, Milestone Payment Schedule and POLA-specific requirements as shown in Exhibit B of this MOU.
 - iii) Copy of land use or other required permits and/or CEQA clearance for PROJECT.
- b. Details of how payments shall be made from POLA to SCAQMD shall be agreed upon by the Parties within 180 days of the execution of this MOU.
- c. POLA shall make payments of their contributions within 45 days of receipt of documents listed in Section 4.a. above.

5. REFUNDS OF UNCOMMITTED OR RETURNED PORT FUNDS

Any funds paid by POLA to SCAQMD that have not been distributed to RECIPIENT after expiration or termination of this MOU shall be refunded by SCAQMD to POLA within 60 days after termination or expiration of this MOU. Any funds paid by POLA to SCAQMD for the PROJECTs that were returned by RECIPIENTS shall be refunded to POLA within 60 days after SCAQMD received the returned funds, but no later than 60 days after termination or expiration of this MOU. Any interest accrued on funds paid by POLA shall be returned to POLA no later than 60 days after termination or expiration of this

MOU. Clause 5 shall survive the termination or expiration of this MOU.

6. TERM AND TERMINATION

- a. Term. This MOU shall become effective on the date of last signature by one of the Parties. This MOU shall terminate when all required actions hereunder have been performed, but no later than eight (8) years from its effective date (Term). The Term of this MOU may be extended by mutual written agreement of the Parties.
- b. Termination. Any Party may terminate this MOU by giving not less than thirty (30) days' prior written notice to the other Parties if any of the following occur: (i) there is a change in any law or regulation or any other event (including non-appropriation of funds for this MOU by POLA for any fiscal year budget) that would prohibit or restrict a Party's performance of its obligations under this MOU; (ii) in the event of a default of this MOU by any Party after an attempt to resolve or cure has been made by the Parties pursuant to the terms of this MOU; or (iii) the termination of the AGREEMENT between SCAQMD and RECIPIENT prior to completion of the PROJECT. SCAQMD is not required to return POLA funds already requested by or paid to and not returned by RECIPIENT after RECIPIENT's completion of the AGREEMENT's Milestone/task earning such payment. Except for breach or default by a Party, the Parties agree that early termination or expiration of this MOU shall not affect the rights and obligations of the Parties occurring when the MOU was in effect.
- c. Default. The occurrence of any of the following shall constitute a default by a Party under this MOU: (1) failure to pay when due any amount required to be paid hereunder, or (2) failure to perform any other obligation when due under this MOU. In the event of a claim of default, the non-defaulting Party or Parties shall give the defaulting Party or Parties written notice of the nature of the default and shall give the defaulting Party or Parties a 14-day period in which to cure the default specified in the notice. In the event that the Parties have any disagreement with respect to their obligations under this MOU, each Party shall designate a duly authorized representative to work in good faith with the other Party's designated representative in an attempt to resolve such disagreement.

7. MISCELLANEOUS PROVISIONS

- a. Amendments. No amendment, modification, consent or waiver to any provision of this MOU shall be effective unless the same shall be in writing signed by a duly authorized representative of each Party.
- b. Indemnification. SCAQMD shall have the RECIPIENT execute an AGREEMENT with an indemnification provision indemnifying POLA and SCAQMD. As provided in

Section 3.a., POLA will be provided an opportunity to review and comment on the AGREEMENT template prior to finalization.

- c. Counterparts. This MOU may be executed in any number of counterparts, each of which shall be deemed an original and all of which shall constitute together one and the same instrument.
- d. Entire Agreement. This MOU contains the entire understanding and agreement between the Parties hereto with respect to the matters referred to herein. No other representations, covenants, undertakings, or prior or contemporaneous agreements, oral or written, regarding such matters which are not specifically contained, referenced, and/or incorporated into this MOU by reference shall be deemed in any way to exist or bind any of the Parties. Each Party acknowledges that it has not been induced to enter into the MOU and has not executed the MOU in reliance upon any promises, representations, warranties or statements not contained, referenced, and/or incorporated into the MOU. THE PARTIES ACKNOWLEDGE THAT THIS MOU IS INTENDED TO BE, AND IS, AN INTEGRATED MOU.
- e. Expenses and Costs. Unless specifically provided for elsewhere in this MOU, each Party will bear all costs and expenses incurred by it in connection with this MOU and transactions contemplated herein, including travel, entertainment, marketing promotions, legal fees, consulting fees, accounting fees and taxes which are or may be imposed upon that Party based upon its activities hereunder.
- f. No Third-Party Beneficiaries. Except as otherwise provided herein, nothing under this MOU is intended or shall be construed to create any rights in, or confer any benefits upon, any person or entity other than the Parties hereto.
- g. Notices. All notices, demands and other communications hereunder, shall be deemed given and received: (i) if sent by registered or certified mail, on the third Business Day after deposit in the United States Mail, properly addressed, postage prepaid, return receipt requested; or (ii) if sent by any other means of physical delivery (e.g., hand delivery or courier service), one Business Day after delivery to the appropriate address. A courtesy copy of communications shall also be emailed.

SCAQMD

Cynthia Ravenstein, MSRC Contracts Administrator
cravenstein@aqmd.gov
South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765

City of Los Angeles

Amber Coluso, Environmental Management Division

acoluso@portla.org

Port of Los Angeles

425 S. Palos Verdes Street,

San Pedro, CA 90731

- h. Severability. The provisions of this MOU are severable, and if any clause or provision of this MOU shall be held invalid or unenforceable in whole or in part in any jurisdiction, then such invalidity or unenforceability shall affect only such clause provisions and shall not affect any other covenant, agreement, or condition.

- i. Force Majeure. Neither Party shall be liable for any failure to perform its obligations in connection with any action described in this MOU if such failure results from any act of God, riot, war, civil unrest, flood, earthquake, or other cause beyond such Party's reasonable control (including any mechanical, electronic, or communications failure, but excluding failure caused by a Party's financial condition or negligence), for only so long as any such event shall be continuing.

IN WITNESS WHEREOF, the parties hereto have caused this Memorandum of Understanding to be executed by their authorized representatives and delivered as of the date first above written.

**South Coast Air Quality
Management District**

By: _____
Name:
Title:
Date: _____

The foregoing document is hereby approved as to form.

By: _____
Name: Barbara Baird, South Coast
AQMD Chief Deputy Counsel
Date: _____

**City of Los Angeles, a municipal
corporation, acting by and through
its Board of Harbor Commissioners**

By signing below, I attest that I have no personal, financial, beneficial, or familial interest in this Agreement

By: _____
Name: Eugene Seroka
Title: Executive Director
Date: _____

Attest: _____
Name: Amber M. Klesges
Board Secretary

APPROVED AS TO FORM AND LEGALITY:

DATE: _____, 2024
HYDEE FELDSTEIN SOTO, City Attorney
Steve Y. Otera, General Counsel

By: _____
Name: Joy M. Crose
Assistant General Counsel

MEMORANDUM OF UNDERSTANDING
BETWEEN THE
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
AND THE CITY OF LOS ANGELES
FOR THE ZERO-EMISSION TRUCK
PUBLIC INFRASTRUCTURE PROJECTS

FUNDS AVAILABLE STAMP

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| <u>For Acct/Budget Div. Use Only</u> | | | | | | | | | |
| Verified by: | _____ | | | | | | | | |
| Verified Funds Available: | _____ | | | | | | | | |
| Date Approved: | _____ | | | | | | | | |

EXHIBIT A

EVSE PROJECTS TO BE FUNDED BY POLA

| RECIPIENT | PROJECT | TOTAL COST* | POLA FUNDING |
|-------------------|---|--------------|--------------|
| Clean Energy | At least 3 EVSE at Existing LNG Station in Wilmington | \$4,604,968 | \$1,582,577 |
| TeraWatt | EVSE Located in Rancho Dominguez - 40 Stalls | \$16,750,000 | \$1,000,000 |
| TeraWatt | EVSE Located in Rialto - 63 Charging Stalls | \$39,500,000 | \$1,000,000 |
| TeraWatt | EVSE Located in Fontana - 14 Charging Stalls | \$21,500,000 | \$1,000,000 |
| TeraWatt | EVSE Located in Commerce - 11 Charging Stalls | \$18,500,000 | \$1,000,000 |
| Forum Mobility | 30 EVSE at POLB | \$19,300,000 | \$3,000,000 |
| Electrify America | Thirty (30) EVSE + Battery Storage at POLB | \$9,666,801 | \$2,547,202 |
| Electrify America | Sixteen (16) EVSE + Battery Storage at Rialto | \$5,278,489 | \$1,390,882 |

* Excludes land acquisition costs

EXHIBIT B
POLA REQUIREMENTS FOR RECIPIENT AGREEMENTS

1. PROJECT must provide EVSE to zero-emission drayage trucks servicing the San Pedro Bay Ports.
 - a) Requires submission of analysis behind reasonable expectation of use by drayage trucks to MSRC
2. Minimum of 30% cost share of the total project cost from project applicant
 - a) Of the 30% cost share, a minimum of 10% must be of cash (not “in-kind”) contribution to the project
3. The following are examples of eligible costs for port funding:
 - a) Design & engineering
 - b) Materials and equipment
 - c) Construction
 - d) Fueling infrastructure
 - e) Project management not to exceed 10% of total project cost
 - f) Equipment delivery fees
 - g) Applicable equipment sales taxes
4. The following are examples of those that are NOT eligible costs for port funding:
 - a) Permitting fees
 - b) Environmental review
 - c) Fuel and other consumables
 - d) Labor to operate the equipment or vehicle during normal business operations
 - e) Administrative overhead, including office spaces, utilities, insurance, personnel not directly related to project implementation
 - f) Travel
 - g) Marketing or promotional costs
 - h) Property taxes
 - i) Legal or financial consulting costs
5. RECIPIENT must provide the following information in a report submitted to MSRC biannually (that is, every six months) for five years after successful completion of infrastructure commissioning:
 - a) Number of total trucks serviced
 - b) Number of drayage trucks serviced, including license plate or VIN numbers if available
 - c) Average time charging/refueling per truck
 - d) If available, list of trucking companies utilizing the facility

- e) Cost of charging (electricity utility tariff, EVSP service contract, public charging price) in \$/kWh, OR cost of hydrogen fuel delivered, generated onsite, or sold at a public fueling station (in \$/kg)
- f) Total kWh or kg of energy or hydrogen delivered per month for the reporting period
- g) Percent uptime per charger/dispenser, and overall for entire facility
- h) Any issues during the reporting period including, but not limited to:
 - Equipment malfunction
 - Equipment breakdown
 - Length of downtime if any
 - Incompatibility with any trucks trying to utilize the infrastructure

Additional Conditions - as Applicable to Individual Projects

1. RECIPIENTS must agree to full responsibility for project management, installation, construction, operation, and maintenance of charging infrastructure. RECIPIENTS are responsible for the total duration of the AGREEMENT.
2. First funding disbursement conditioned on the provider obtaining CEQA clearance and necessary permits
3. Placement of Port logo on charging stations funded by the Port.
4. RECIPIENTS must agree to indemnify the PORT for claims, costs, litigation, etc. arising from RECIPIENTS' construction or operation of the PROJECT.

MEMORANDUM OF UNDERSTANDING

THIS MEMORANDUM OF UNDERSTANDING (this “MOU”) is dated for reference purposes as of _____ between the SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (“SCAQMD”), on behalf of the MOBILE SOURCE AIR POLLUTION REDUCTION REVIEW COMMITTEE (“MSRC”), and the CITY OF LONG BEACH, a municipal corporation, acting by and through its Board of Harbor Commissioners (“POLB”, “Port”). The aforementioned parties to this MOU shall be referred to individually herein as a “Party” and collectively herein as “Parties.”

RECITALS

- A. In September 2020, Executive Order N-79-20 was issued to establish a goal that, in pertinent part, 100 percent of medium-and heavy-duty vehicles in the state be zero-emission (ZE) by 2045 for all operations where feasible, and that 100 percent of drayage trucks be ZE by 2035. In April 2023, the California Air Resources Board (CARB) adopted the Advanced Clean Fleets (ACF) regulation¹ which, in pertinent part, requires all new drayage trucks to be ZE by 2024, and all existing drayage trucks to be ZE by 2035. This state transition to ZE is consistent with the Port’s Clean Truck Program goal of 100% ZE drayage trucks serving the Port by 2035.
- B. Under California Health & Safety Code Sections 44225, et seq. (AB 2766), the legislature has authorized the State’s Department of Motor Vehicles (DMV) to collect a statutorily set Motor Vehicle Registration fee surcharge, which is provided to SCAQMD for disbursement in programs² for the purpose of reducing air pollution from motor vehicles under the California Clean Air Act.
- C. AB 2766 further mandates that thirty (30) percent of such vehicle registration fees be placed by SCAQMD into a separate account for the sole purpose of implementing and monitoring programs to reduce air pollution from motor vehicles.
- D. AB 2766 created the MSRC to develop a Work Program to fund projects from the separate account. Once SCAQMD's Governing Board approves the Work Program developed by the MSRC, SCAQMD administers the elements of the Work Program on behalf of the MSRC.
- E. As part of their Work Program development process, the MSRC is committed to funding up to \$50 million to develop zero-emission vehicle refueling infrastructure for use by the goods movement industry. In September 2022, the MSRC initiated a Request for Information solicitation process whereby the MSRC sought submission of projects to construct zero-emission refueling infrastructure within the geographical jurisdiction of the South Coast Air Quality Management District. A total of eight (8) projects were identified through this solicitation as listed in Exhibit A.

¹ See CARB, Advanced Clean Fleets, *available at* <https://ww2.arb.ca.gov/our-work/programs/advanced-clean-fleets>. In addition to Drayage Trucks, the ACF regulation also transitions Government Fleets and High Priority Fleets to ZE.

² See South Coast AQMD, AB 2766 Subvention Fund Program Resource Guide (July 2023), *available at* <https://www.aqmd.gov/docs/default-source/transportation/ab2766-motor-vehicle-subvention-fund-program/ab2766-resource-guide.pdf?sfvrsn=18>.

- F. The City of Long Beach Harbor Department manages the Port of Long Beach as a landlord port leasing Port property to tenants that operate the facilities, including cargo terminals, which may receive and process maritime cargo transported by drayage trucks. POLB is committed to the goods movement industry's deployment of zero-emission drayage trucks. To achieve POLB's Clean Truck Program goals, accessible zero-emission refueling infrastructure is required.
- G. The Parties are entering into this MOU in order to set forth the obligations of the Parties.

In consideration of the foregoing, and the mutual undertakings contained herein, the Parties hereby agree as follows:

1. DEFINITIONS

As used herein, the following terms have the meanings as set forth below:

"Drayage truck" has the meaning set forth in the CARB Advanced Clean Fleets regulation.

"EVSE" is Electric Vehicle Supply Equipment, which supplies electricity to an electric vehicle. Commonly referred to as charging stations or charging docks, they provide electric power to a Zero Emission Vehicle to recharge the vehicle's batteries.

"MSRC" is the Mobile Source Air Pollution Reduction Review Committee as defined in California Health & Safety Code Section 44244.

"Zero Emission Drayage Truck" is a Drayage Truck that is a Zero Emission Vehicle.

"Zero Emission Vehicle" or "ZEV" has the meaning set forth in the CARB Advanced Clean Fleets regulation.

2. POLB PROJECT FUNDS

Under the terms of this MOU, POLB will contribute funding towards eight (8) MSRC zero-emission infrastructure projects that will refuel Zero-Emission Drayage Trucks servicing the San Pedro Bay Ports. POLB is committing funding to the projects which SCAQMD will fund to the recipients as shown below and included in Exhibit A of this MOU:

Under the terms of this MOU, POLB will contribute funding towards eight (8) MSRC zero-emission infrastructure projects that will refuel Zero-Emission Drayage Trucks servicing the San Pedro Bay Ports. POLB is committing funding to the projects which SCAQMD will fund to the recipients as shown below and included in Exhibit A of this MOU:

| RECIPIENT | PROJECT | POLB FUNDING |
|-------------------------------|---|---------------|
| Clean Energy | At least 3 EVSE at Existing LNG Station in Wilmington | \$ 1,582,577 |
| TeraWatt | EVSE Located in Rancho Dominguez - 40 Stalls | \$ 1,000,000 |
| TeraWatt | EVSE Located in Rialto - 63 Charging Stalls | \$ 1,000,000 |
| TeraWatt | EVSE Located in Fontana - 14 Charging Stalls | \$ 1,000,000 |
| TeraWatt | EVSE Located in Commerce - 11 Charging Stalls | \$ 1,000,000 |
| Forum Mobility | 30 EVSE at POLB | \$ 3,000,000 |
| Electrify America | Thirty (30) EVSE + Battery Storage at POLB | \$ 2,547,202 |
| Electrify America | Sixteen (16) EVSE + Battery Storage at Rialto | \$ 1,390,882 |
| Total POLB Funding Commitment | | \$ 12,520,661 |

3. PROGRAM ADMINISTRATION

- a. RECIPIENT AGREEMENTS. After the effective date of this MOU, SCAQMD on behalf of the MSRC intends to enter into an agreement for each project with its respective recipient. POLB will be provided an opportunity to review and comment on the agreement template prior to finalization, and a draft copy of each recipient agreement with a 30-day window, and an executed copy of each shall be provided to POLB. Recipients are responsible for execution of the project. Except as discussed below, any revisions that would require modifications to Exhibit A shall require written notice by SCAQMD to POLB and shall require an amendment. The Parties acknowledge that in the event modifications to Exhibit A are not made as set forth herein, POLB's ability to make payments to SCAQMD on behalf of MSRC may be prohibited.

If the recipient requests to complete only part of its proposed project, MSRC has the authority to approve any such requests (with SCAQMD Governing Board approval, if required) and reduce the amount of POLB funding the recipient receives, provided such reduction is proportional.

- b. SCAQMD as Administrator. SCAQMD on behalf of the MSRC shall administer the recipient agreements, on the terms and conditions set forth therein and under the terms and conditions of this MOU.
- c. Reporting. On a quarterly basis and until all projects are complete, SCAQMD shall provide a written report with data, or access to data, containing (i) an accounting of funds received under this MOU, (ii) an accounting of any funds disbursed to recipients by SCAQMD on behalf of MSRC, and (iii) a breakdown of project costs and disbursements pursuant to each milestone/task completion specified in the recipient agreements. Upon reasonable request of POLB, SCAQMD shall provide copies of, or access to review, project-related records. SCAQMD shall provide a final comprehensive report that summarizes the completion of the projects, final costs, and disbursements within 60 days after the end of the MOU term.

- d. Record Retention. SCAQMD agrees to maintain data, information, records and documents related to the projects for a minimum of three (3) years after the completion of all projects.
- e. No Administrative Fees/Costs. Except for POLB's contribution towards funding the projects in the amounts set forth in Exhibit A, POLB shall have no responsibility for payment or reimbursement of any other costs, including costs related to administration of the projects.

4. PAYMENT OF CONTRIBUTIONS

- a. POLB shall pay an amount for each project under this MOU in the amounts shown in Exhibit A. Payment will be contingent upon receipt of the following:
 - i) An invoice from SCAQMD;
 - ii) A copy of the executed agreement between the SCAQMD and the recipient for which payment is requested. The agreement will include a Statement of Work, Implementation Schedule, and Milestone Payment Schedule, and POLB-specific requirements as shown in Exhibit B of this MOU.
 - iii) Copy of the land use or other required permits and/or California Environmental Quality Act (CEQA) clearance for the project.
- b. Details of how payments shall be made from POLB to SCAQMD shall be agreed upon by the Parties within 180 days of the execution of this MOU.
- c. POLB shall make payments of its contributions within 45 days of receipt of documents listed in Section 4.a. above.

5. REFUNDS OF UNCOMMITTED OR RETURNED PORT FUNDS

Any funds paid by POLB to SCAQMD that remain uncommitted after expiration or termination of this MOU shall be refunded by SCAQMD to POLB within 60 days after termination or expiration of this MOU. However, SCAQMD shall set aside and retain POLB funds for payment obligations incurred by SCAQMD that have been incurred by a recipient towards meeting a milestone under the recipient agreements prior to the expiration or termination of this MOU, including funds requested by or paid to and not returned by the recipient. Any funds paid by POLB to SCAQMD for the projects that were returned by recipients shall be refunded to POLB within 60 days after SCAQMD received the returned funds. Any interest accrued on funds paid by POLB shall be returned to POLB no later than 60 days after termination or expiration of this MOU. Clause 5 shall survive the termination or expiration of this MOU.

6. TERM AND TERMINATION

- a. Term. This MOU shall become effective on the date of last signature by one of the Parties. This MOU shall terminate when all required actions hereunder have been performed, but no later than eight (8) years from its effective date (Term). The Term of this MOU may be extended by mutual written agreement of the Parties.
- b. Termination. Any Party may terminate this MOU by giving not less than thirty (30) days' prior written notice to the other Parties if any of the following occur: (i) there is a change in any law or regulation or any other event (including non-appropriation of funds for this MOU by POLB for any fiscal year budget) that would prohibit or restrict a Party's performance of its obligations under this MOU; (ii) in the event of a default of this MOU by any Party after an attempt to resolve or cure has been made by the Parties pursuant to the terms of this MOU; or (iii) the termination of all agreements between SCAQMD and recipients prior to completion of their projects. Except for breach or default by a Party, the Parties agree that early termination or expiration of this MOU shall not affect the rights and obligations of the Parties occurring when the MOU was in effect.
- c. Default. The occurrence of any of the following shall constitute a default by a Party under this MOU: (1) failure to pay when due any amount required to be paid hereunder, or (2) failure to perform any other obligation when due under this MOU. In the event of a claim of default, the non-defaulting Party or Parties shall give the defaulting Party or Parties written notice of the nature of the default and shall give the defaulting Party or Parties a 14-day period in which to cure the default specified in the notice. In the event that the Parties have any disagreement with respect to their obligations under this MOU, each Party shall designate a duly authorized representative to work in good faith with the other designated representatives in an attempt to resolve such disagreement.

7. MISCELLANEOUS PROVISIONS

- a. Amendments. No amendment, modification, consent or waiver to any provision of this MOU shall be effective unless the same shall be in writing signed by a duly authorized representative of each Party.
- b. Indemnification. SCAQMD shall have each recipient execute an agreement with an indemnification provision indemnifying POLB and SCAQMD. As provided in Section 3.a., POLB will be provided an opportunity to review and comment on the recipient agreement template prior to finalization.
- c. Counterparts. This MOU may be executed in any number of counterparts, each of which shall be deemed an original and all of which shall constitute together one and the same instrument.

- d. Entire Agreement. This MOU contains the entire understanding and agreement between the Parties hereto with respect to the matters referred to herein. No other representations, covenants, undertakings, or prior or contemporaneous agreements, oral or written, regarding such matters which are not specifically contained, referenced, and/or incorporated into this MOU by reference shall be deemed in any way to exist or bind any of the Parties. Each Party acknowledges that it has not been induced to enter into the MOU and has not executed the MOU in reliance upon any promises, representations, warranties or statements not contained, referenced, and/or incorporated into the MOU. THE PARTIES ACKNOWLEDGE THAT THIS MOU IS INTENDED TO BE, AND IS, AN INTEGRATED MOU.
- e. Expenses and Costs. Unless specifically provided for elsewhere in this MOU, each Party will bear all costs and expenses incurred by it in connection with this MOU and transactions contemplated herein, including travel, entertainment, marketing promotions, legal fees, consulting fees, accounting fees and taxes which are or may be imposed upon that Party based upon its activities hereunder.
- f. No Third-Party Beneficiaries. Except as otherwise provided herein, nothing under this MOU is intended or shall be construed to create any rights in, or confer any benefits upon, any person or entity other than the Parties hereto.
- g. Notices. All notices, demands and other communications hereunder, shall be deemed given and received: (i) if sent by registered or certified mail, on the third Business Day after deposit in the United States Mail, properly addressed, postage prepaid, return receipt requested; or (ii) if sent by any other means of physical delivery (e.g., hand delivery or courier service), one Business Day after delivery to the appropriate address. A courtesy copy of communications shall also be emailed.

SCAQMD

Cynthia Ravenstein, MSRC Contracts Administrator
cravenstein@aqmd.gov
South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765

City of Long Beach
Leela Rao, Environmental Planning Division
Leela.Rao@polb.com
Port of Long Beach
415 W. Ocean Blvd.
Long Beach, CA 90802

- h. Severability. The provisions of this MOU are severable, and if any clause or provision of this MOU shall be held invalid or unenforceable in whole or in part in any jurisdiction, then such invalidity or unenforceability shall affect only such clause provisions and shall not affect any other covenant, agreement, or condition.


- i. Force Majeure. Neither Party shall be liable for any failure to perform its obligations in connection with any action described in this MOU if such failure results from any act of God, riot, war, civil unrest, flood, earthquake, or other cause beyond such Party's reasonable control (including any mechanical, electronic, or communications failure, but excluding failure caused by a Party's financial condition or negligence), for only so long as any such event shall be continuing.

IN WITNESS WHEREOF, the parties hereto have caused this Memorandum of Understanding to be executed by their authorized representatives and delivered as of the date first above written.

South Coast Air Quality Management District

By: _____
Name: _____
Title: _____
Date: _____

City of Long Beach, a municipal corporation, acting by and through its Board of Harbor Commissioners

By:  _____
Name: Mario Cordero
Title: Chief Executive Officer, Long Beach Harbor Department
Date: 7/15/24

The foregoing document is hereby approved as to form.

By: _____
Name: Barbara Baird, South Coast AQMD Chief Deputy Counsel
Date: _____

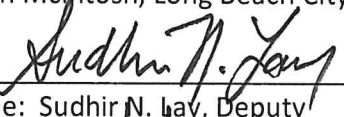
Dawn McIntosh, Long Beach City Attorney
By:  _____
Name: Sudhir N. Jay, Deputy
Date: 7/8/24

EXHIBIT A

| RECIPIENT | PROJECT | POLB FUNDING |
|-------------------|---|---------------|
| Clean Energy | At least 3 EVSE at Existing LNG Station in Wilmington | \$ 1,582,577 |
| TeraWatt | EVSE Located in Rancho Dominguez - 40 Stalls | \$ 1,000,000 |
| TeraWatt | EVSE Located in Rialto - 63 Charging Stalls | \$ 1,000,000 |
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| Electrify America | Thirty (30) EVSE + Battery Storage at POLB | \$ 2,547,202 |
| Electrify America | Sixteen (16) EVSE + Battery Storage at Rialto | \$ 1,390,882 |
| | Total POLB Funding Commitment | \$ 12,520,661 |

EXHIBIT B
POLB REQUIREMENTS FOR RECIPIENT AGREEMENTS

1. The project must provide public charging/refueling to zero-emission drayage trucks servicing the San Pedro Bay Ports.
 - a. Requires submission of analysis behind reasonable expectation of use by drayage trucks
2. Minimum of 30% cost share of the total project cost from project applicant
 - Of the 30% cost share, a minimum of 10% must be of cash (not “in-kind”) contribution to the project
3. The following are examples of eligible costs for port funding:
 - a) Design & engineering
 - b) Materials and equipment
 - c) Construction
 - d) Fueling infrastructure
 - e) Project management not to exceed 10% of total project cost
 - f) Equipment delivery fees
 - g) Applicable equipment sales taxes
4. The following are examples of those that are NOT eligible costs for port funding:
 - a) Permitting fees
 - b) Environmental review
 - c) Fuel and other consumables
 - d) Labor to operate the equipment or vehicle during normal business operations
 - e) Administrative overhead, including office spaces, utilities, insurance, personnel not directly related to project implementation
 - f) Travel
 - g) Marketing or promotional costs
 - h) Property taxes
 - i) Legal or financial consulting costs
5. Recipient EV infrastructure work shall be performed by:
 - a. An Electric Vehicle Infrastructure Training Program (EVITP) Approved Contractor with the appropriate license classification for the EV infrastructure work, as determined by the Contractors State License Board, and,
 - b. At least one electrician on each crew, at any given time, who is EVITP Certified.
 - c. An attestation of compliance with these EVITP requirements shall be submitted to POLB prior to construction start, or within 30 days of award execution, whichever is later.
6. Recipient must provide the following information in a report submitted biannually for five years after successful completion of infrastructure commissioning:

- a) Number of total trucks serviced
- b) Number of drayage trucks serviced, including license plate or VIN numbers if available
- c) Average time charging/refueling per truck
- d) If available, list of trucking companies utilizing the facility
- e) Cost of charging (electricity utility tariff, EVSP service contract, public charging price) in \$/kWh, OR cost of hydrogen fuel delivered, generated onsite, or sold at a public fueling station (in \$/kg)
- f) Total kWh or kg of energy or hydrogen delivered per month for the reporting period
- g) Percent uptime per charger/dispenser, and overall for entire facility
- h) Any issues during the reporting period including, but not limited to:
 - Equipment malfunction
 - Equipment breakdown
 - Length of downtime if any
 - Incompatibility with any trucks trying to utilize the infrastructure

Additional Conditions - as Applicable to Individual Projects

1. Recipients must agree to full responsibility for project management, installation, construction, operation, and maintenance of charging infrastructure. Recipients are responsible for the total duration of the agreement.
2. First funding disbursement conditioned on the provider obtaining CEQA clearance and necessary permits
3. Placement of Port logo on charging stations funded by the Port.
4. Recipient must agree to indemnify, protect, and hold harmless the Port, the Board of Harbor Commissioners, and their employees and agents, from and against any and all liability, claims, costs, damages, and causes of action, including attorneys' fees and other costs and fees of litigation arising from, or in connection with, the recipient's construction or operation of the project.

Agenda Item #13
Consider Partnership Opportunity with Caltrans and CEC



MSRC-TAC Agenda Item No. 13

DATE: August 1, 2024

FROM: Ray Gorski, MSRC Technical Advisor

SUBJECT: Consider Partnership Opportunity with the California Department of Transportation (Caltrans) and California Energy Commission (CEC) to Pursue Funding Under the US Department of Transportation (US DOT) Charging and Fueling Infrastructure Grant Program.

SYNOPSIS: As an element of the MSRC's FY 2021-'24 Work Program, the MSRC partnered with Caltrans and the CEC in the pursuit of funding under the US DOT Charging and Fueling Infrastructure Grant Program (Round 1). At that time, May 2023, the MSRC committed \$6 million in co-funding towards the project, which focused on constructing electric vehicle charging stations (EVSE) along the interstate 5 corridor and EVSE and hydrogen refueling along a corridor that encompassed the I710.

The Caltrans/CEC Round 1 CFI funding application did not receive an award from US DOT.

The US DOT is currently conducting CFI Round 2. CEC has prepared a Round 2 funding application with a focus on zero-emission refueling infrastructure along corridors that serve California's maritime ports. Additionally, the US DOT has set aside a portion of Round 2 funding to allow Round 1 applications that did not receive funding to be resubmitted. Caltrans and CEC intend to resubmit their previous Round 1 application for reconsideration.

To support the State-led programs, including the Round 1 resubmittal and new CEC Round 2 application, Caltrans and CEC are requesting that the MSRC reinstate the up to \$6 million co-funding that was allocated last year. Because US DOT did not select the Caltrans/CEC project last year, the previous MSRC commitment lapsed, and the up to \$6M in committed funding reverted to the MSRC Discretionary Fund.

RECOMMENDATION: The Caltrans/CEC funding request was sent to members of the MSRC-TAC FY 2025-'27 Partnership Subcommittee for review. Due to the competitive nature of this item, additional information regarding specific project

elements will be presented to the MSRC-TAC at their August 1, 2024 meeting

WORK PROGRAM
IMPACT:

Clean Transportation Funding™ to partner with Caltrans and the CEC in the pursuit of US DOT CFI Grant Program Funding will be allocated from the MSRC's FY 2025-'27 Work Program.

Overview: As an element of the MSRC's FY 2021-'24 Work Program, the MSRC partnered with Caltrans and the CEC in the pursuit of funding under the US DOT Charging and Fueling Infrastructure Grant Program (Round 1). At that time, May 2023, the MSRC committed \$6 million in co-funding towards the project, which focused on constructing electric vehicle charging stations (EVSE) along the interstate 5 corridor and EVSE and hydrogen refueling along a corridor that encompassed the I710.

The Caltrans/CEC Round 1 CFI funding application did not receive an award from US DOT.

The US DOT is currently conducting CFI Round 2. The Round 2 Notice of funding Opportunity (NOFO) opened on May 30, 2024, and closes August 28, 2024. The total amount of funding included in CFI Round 2 is \$1,321,200,000. Of this total amount, the US DOT has set aside \$521 million for the reconsideration of projects submitted under Round 1 but did not receive funding.

CEC has prepared a Round 2 funding application with a focus on zero-emission refueling infrastructure along corridors that serve California's maritime ports. As shown below in Figure 1, the CEC Zero-Emission Medium and Heavy-duty Drayage Infrastructure Project includes six (6) corridor groups and includes a corridor in the South Coast AQMD region that will serve the Port of Long Beach and Port of Los Angeles and extend to the Inland Empire.

Additionally, Caltrans and the CEC intend to resubmit the Round 1 funding application for US DOT reconsideration. Figure 2 illustrates key features of the Caltrans/CEC West Coast Truck Charging and Fueling Corridor Project. This project has a three-state geographical scope and includes participation from the Oregon and Washington State Departments of Transportation.

Caltrans and the CEC are requesting that the MSRC recommit up to \$6 million in **Clean Transportation Funding™** to co-fund the Round 2 CFI funding applications, including the CEC Round 2 project and Caltrans/CEC Round 1 resubmittal. Because US DOT did not select the Caltrans/CEC project last year, the previous MSRC commitment lapsed, and the up to \$6M in committed funding reverted to the MSRC Discretionary Fund.

The MSRC funding commitment would be contingent upon receipt of funding from the US DOT. Depending on the projects that receive CFI funding, e.g., CEC Round 2 and/or Caltrans/CEC Round 1 resubmittal, as well as the amount of US DOT funding awarded, and MSRC retains the discretion to apportion and adjust the total MSRC funding contribution once all US DOT funding award information is known.

Figure 1 – California Energy Commission CFI Round 2 Funding Application Overview

Zero-Emission Medium and Heavy-Duty Drayage Infrastructure Project

Charging and Fueling Infrastructure Grant (CFI)

The California Energy Commission (CEC) is applying to Round 2 of the Charging and Fueling Infrastructure Grant Program. Round 2 was released May 30th and will close August 28th, 2024.

California Ports Focus

In alignment with the National Zero-Emission Freight Corridor Strategy and with the California Transportation Commission's Clean Freight Corridor Efficiency Assessment, the CEC will focus its CFI application on publicly accessible zero-emission truck infrastructure along corridors serving California sea and land ports of entry. Funding will support a competitive solicitation. This proposal will support key policy actions in California including the adoption of the Advanced Clean Trucks standard. This project also complements the California, Oregon and Washington CFI project for zero-emission truck infrastructure along Interstate 5.

Locations

The project will include 6 corridor groups serving the ports of the Los Angeles, Long Beach, Oakland, Stockton, San Diego, Humboldt and Hueneme. The CEC released a Request for Information (RFI) to gather feedback on desired locations, site specifications, MDHD configuration needs, and other input. Comments may be submitted to the CEC docket (24-EVI-01).



Ben DeAlba, ben.dealba@energy.ca.gov | Sarah Sweet, sarah.sweet@energy.ca.gov

Figure 2 – Caltrans/CEC CFI Round 1 Application Resubmitted for Funding Reconsideration



West Coast Truck Charging and Fueling Corridor Project

- The California Energy Commission (CEC), California Department of Transportation (Caltrans), Oregon Department of Transportation (ODOT), and Washington State Department of Transportation (WSDOT) partnered to apply to the U.S. Department of Transportation’s \$700 million Charging and Fueling Infrastructure Discretionary Grant Program in June 2023.
- CEC, Caltrans, ODOT, and WSDOT will deploy 34 charging stations and five hydrogen fueling stations to support zero-emission medium- and heavy-duty vehicles in California, Oregon, and Washington. Today, there are just four publicly accessible charging stations and three hydrogen fueling stations supporting zero-emission trucks on the West Coast.
- This first-of-its kind project will enable the emissions-free movement of goods that travel locally, regionally, nationally, and internationally with stations planned for 2,500 miles of coverage. It will establish U.S. leadership in the zero-emission vehicle infrastructure industry and bring immediate air quality benefits to communities impacted by vehicle emissions, especially Justice40 communities.
- The application received more than 100 letters of support including a joint letter of support from Governors Newsom, Kotek, and Inslee.
- If funded, this project will support the reduction of approximately 102,912 metric tons of greenhouse gas emissions, which is equivalent to reducing use of diesel fuel by 9.3 million gallons.
- The map above highlights the corridors that will receive the zero-emission vehicle infrastructure.



Contact Information

Jimmy O’Dea, Caltrans: jimmy.odea@dot.ca.gov | Ben De Alba, CEC: ben.dealba@energy.ca.gov
 Mary Brazell, ODOT: mary.brazell@odot.oregon.gov | Tonia Buell, WSDOT: buellt@wsdot.wa.gov

Caltrans/CEC Request: Caltrans and the CEC request that the MSRC-TAC approve and recommend that the MSRC reinstate their up to \$6 million funding commitment and partner with Caltrans and the CEC on the Zero-Emission Medium and Heavy-duty Drayage Infrastructure Project and West Coast Truck Charging and Fueling Corridor Project. This partnership commitment would include the MSRC providing a letter(s) of support for inclusion in the funding application(s) stating that the MSRC is committing up to \$6M in total funding.

No MSRC **Clean Transportation Funding™** will be disbursed at this time. Any future disbursement of **Clean Transportation Funding™** will be in accordance with an agreement between South Coast AQMD on behalf of the MSRC and Caltrans and CEC as appropriate.

Agenda Item #14
Consider MSRC - Los Angeles County Metro Joint
Request for Information for Potential Infrastructure
Program



MSRC-TAC Agenda Item No. 14

DATE: August 1, 2024

FROM: Ray Gorski, MSRC Technical Advisor

SUBJECT: Consider joint MSRC and LA Metro Request for Information for Potential MSRC/Metro/California Transportation Commission TCEP Zero Emission Infrastructure Program.

SYNOPSIS: Previously, the MSRC approved a cooperative agreement with Metro to facilitate the pursuit of shared objectives regarding electrified and alternative fuel transportation systems for heavy duty commercial vehicles in Los Angeles County. The MSRC and Metro are now seeking RFI responses that will be used to inform a grant application being prepared by Metro for submittal to the CTC Trade Corridor Enhancement Program (TCEP) - Cycle 4 funding program. Responses to this RFI will be used as potential candidate projects for inclusion in the Metro funding application. At this time, no MSRC funding is identified - that would be considered by the MSRC once the RFI responses have been evaluated and prior to TCEP application submittal. Due to the timing of the CTC TCEP Cycle 4 program, the RFI will be open for a period of one month.

RECOMMENDATION: The FY 2025-'27 Partnership Subcommittee discussed the Joint MSRC -Metro RFI Work Program element and recommends approval by the MSRC-TAC.

WORK PROGRAM **Clean Transportation Funding™** to partner with Metro in the pursuit of

IMPACT: TCEP Grant Program Funding will be allocated from the MSRC's FY 2025 -'27 Work Program.



Metro[™]



**Clean
Transportation
Funding**
from the MSRC

REQUEST FOR INFORMATION

For

DRAFT

Goods Movement Zero-Emission Infrastructure
in the Long Beach – East Los Angeles Corridor

A Collaboration Between the MSRC & LA Metro

RESPONSES REQUESTED ON OR BEFORE OCTOBER 4, 2024

RFI 2025-00

September 6, 2024

Clean Transportation Funding[™] from the
Mobile Source Air Pollution Reduction Review Committee (MSRC)

SECTION 1: INTRODUCTION

In early 2024, the Los Angeles County Metropolitan Transportation Authority (Metro) and the Mobile Source Air Pollution Reduction Review Committee (MSRC) entered into a Cooperative Agreement wherein both agencies agreed to partner on projects and programs that support the air quality improvement objectives of both agencies.

The MSRC and Metro have identified a near-term partnership opportunity that would allow both agencies to further support the transition of heavy-duty truck goods movement to zero-emissions, while significantly leveraging funding available from each agency. Metro and the MSRC intend to pursue funding available through the California Transportation Commission – Trade Corridor Enhancement Program¹ – Cycle 4 (TCEP) as an immediate opportunity. When awarded, the funding will be used to construct zero-emission infrastructure to support goods movement trucks.

Over the past several years, both Metro and the MSRC have taken direct actions - and achieved tangible results - in reducing ozone precursor, particulate matter, and greenhouse gas air pollutant emissions associated with Goods Movement in the South Coast Region.

- Metro adopted the 2021 Los Angeles County Goods Movement Strategic Plan to address the issues facing goods movement throughout the region. The plan presents a roadmap of strategic initiatives and priority elements centered on Metro’s core values of equity and sustainability, as shaped by the myriads of stakeholders and local community groups that participated in the plan’s development. The Plan focuses on improving the region’s multimodal freight system, a critical element of LA County’s overall surface transportation system.
- Also in 2021, Metro reaffirmed its zero-emission Clean Truck Program (CTP). Metro has committed \$50 million in seed funding for the zero-emission CTP, developed in collaboration with Metro's 710 Task Force and other stakeholders.
- In 2022, Metro’s Board directed Metro Staff to work with the Los Angeles Cleantech Incubator (LACI) on implementing its Clean Truck Program, based on LACI’s work executing a California Energy Commission (CEC) Medium/Heavy-duty Zero-Emission Vehicle Infrastructure Blueprint grant for drayage truck infrastructure along the 710 Corridor (710 Blueprint).
- In 2020, the MSRC launched its Inland Ports Program, focusing on heavy-duty truck goods movement between the San Pedro Bay Ports and the network of warehouse, distribution, and logistics facilities located in the Inland Empire. In 2021, the MSRC invested over \$37 million in heavy-duty trucks and supporting infrastructure, including electric vehicle charging (EVSE)

¹ <https://catc.ca.gov/programs/sb1/trade-corridor-enhancement-program>

and hydrogen refueling (H₂), along major corridors to support zero and near-zero emission goods movement.

- Most recently, the MSRC, in partnership with the Port of Long Beach, Port of Los Angeles, and South Coast AQMD, has pursued the implementation of publicly accessible EVSE and H₂ infrastructure. The total investment from all stakeholders in the Publicly Accessible Goods Movement Zero-Emission Infrastructure Program is anticipated to exceed \$400 million.
- In 2023, LACI completed its 710 Blueprint, and shared updates with the Metro Zero-Emission Truck Working Group.

The MSRC and Metro have selected the Long Beach to East Los Angeles Corridor (LB-ELA) as the targeted trade corridor to seek California Transportation Commission TCEP funding. As discussed below, the MSRC and Metro are seeking willing partners to help facilitate MSRC, Metro, and CTC-TCEP investment in publicly accessible infrastructure to support an equitable transition of goods movement trucks to zero-emissions in this corridor.

While the California Transportation Commission TCEP is identified as an immediate State funding opportunity, it is Metro's and MSRC's intent to work with private partners in seeking additional federal and state funding opportunities beyond TCEP Cycle 4.

SECTION 2: OVERVIEW OF THIS REQUEST FOR INFORMATION

The purpose of this Request for Information (RFI) is to identify potential partners to join Metro and the MSRC in pursuit of Trade Corridor Enhancement Program – Cycle 4 funding offered through the California Transportation Commission. When awarded, TCEP funds, plus the potential for additional funding from Metro and the MSRC, will be used to construct zero-emission vehicle refueling infrastructure along the Long Beach to East Los Angeles Corridor.

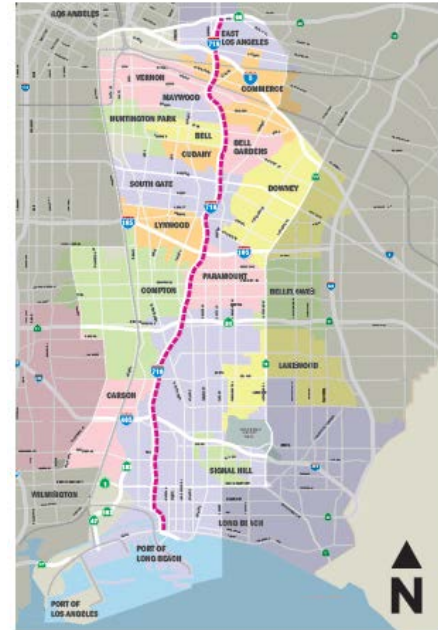
Metro and the MSRC will use the information obtained through this RFI to develop the TCEP grant application. This will include the identification of infrastructure development sites, project partners, the amount of TCEP funding sought, and co-funding that will be brought to the program by the participating partners.

2.1 – Long Beach to East Los Angeles Trade Corridor

The LB-ELA Corridor encompasses the Interstate 710 freeway and 23 surrounding communities:

- Bell
- Bellflower
- Bell Gardens
- Carson
- Commerce
- Compton
- Cudahy
- Downey
- Huntington Park
- Lakewood

- Long Beach
- Lynwood
- Maywood
- Paramount
- Signal Hill
- South Gate
- Vernon
- Wilmington
- East Los Angeles
- Boyle Heights
- San Pedro
- East/Rancho Dominguez
- Walnut Park



2.2 – Who Should Respond to this RFI?

Business entities and public and private agencies who own or operate facilities or land parcels located within the LB-ELA Trade Corridor, and have a stake in the transition of goods movement trucks to zero-emissions, should consider submitting an Information Package under this RFI. This includes, but is not limited to:

- Property owners interested in working with Metro and the MSRC to pursue TCEP funding for the purpose of constructing battery electric truck EVSE or H₂ refueling infrastructure on their property. This could include, but is not limited to:
 - The Ports
 - Warehouse, distribution, & logistics facilities that could offer opportunity charging
 - Logistics real estate and supply chain logistics developers
 - Truck stops & truck service centers
 - Trucking companies that could offer daytime opportunity charging/refueling
 - Trucking companies that could provide overnight opportunity charging for fleets and independent owner-operators, particularly those without a home base for charging
 - Industrial business facilities that could offer opportunity charging
 - Caltrans
 - Local governments, including cities, counties, public agencies, etc.
 - Owners of existing public access electric charging plazas/destination points, hydrogen refueling stations open to capacity expansion, or petroleum fueling stations open to redevelopment
 - Commercial real estate development companies and service agents
- Zero-Emission-related Business Enterprises, including:
 - Charging as a-Service (CaaS) providers
 - Trucking as a Service (TaaS) providers

- EVSE & H₂ technology providers
- Engineering, architecture, construction, & infrastructure development firms
- Agencies seeking to leverage their available zero-emission infrastructure funding
 - County Transportation Commissions
 - State Agencies
 - Metropolitan Planning Organization (SCAG)
 - Local Governments
 - Nongovernmental organizations & non-profits

Interested parties are asked to submit an Information Package that identifies the respondent's potential role and available resources to partner with Metro and the MSRC to pursue California Transportation Commission TCEP funding and, when awarded, work with Metro and the MSRC to develop zero-emission truck charging/refueling infrastructure. Details on the requested contents of an Information Package are included in Section 3 of this RFI, below.

Based on information submitted in response to this RFI, Metro and the MSRC may take the following actions:

- Include the RFI respondent in a grant application to the California Transportation Commission seeking an award of TCEP Cycle 4 funding;
- Issue a joint Metro – MSRC Request for Proposals (RFP), or at the discretion of Metro and the MSRC, issue separate RFPs;
- Metro and the MSRC may, at each agency's discretion, select one or more RFI respondents and enter into discussions and/or negotiations. Metro and the MSRC, at each agency's discretion, may enter into sole source contractual agreements with a RFI respondent(s) as a result of this RFI.

SECTION 3: HOW TO RESPOND TO THIS RFI – INFORMATION PACKAGE PREPARATION

Metro and the MSRC seek the submittal of Information Packages from stakeholders who share the goal of accelerating deployment of infrastructure to support zero-emissions goods movement.

While there are no absolute requirements when submitting an Information Package under this RFI, adherence to the following guidelines and content suggestions will enable Metro and the MSRC to prepare a more comprehensive, and thus competitive, grant funding application to the California Transportation Commission TCEP funding program. A more complete Information Package will also allow the MSRC and Metro to evaluate candidate infrastructure development locations for a separate RFP or sole source agreement negotiation, as discussed above.

Recommended elements of an Information Package include the following:

3.1 - Transmittal Letter that identifies the name of the organization submitting the Information package, contact information, including but not limited to company website URL, telephone and e-mail address of the contact person(s) for technical and contractual matters, and any other relevant contact information.

3.2 - Candidate Project Location – Please provide the address of the site location within the LB-ELA Corridor. To the extent available, please provide Information on the proposed location’s ownership status, parcel size, existing conditions, accessibility, existing environmental or remediation needs, and any other descriptive information as available.

3.3 - Conceptual Project – If your organization has a zero-emission truck refueling concept that could benefit from a partnership with the Metro and the MSRC, please provide a description of the proposed conceptual project. Please include the following elements to the extent applicable and feasible:

Please include the following elements to the extent applicable and feasible:

- a. Current Status: Please provide an overview of your agency or firm’s conceptual project, addressing the following topics to the extent known:
- Customer Base - Describe the targeted customer base, such as trucking fleets, independent owner operators, other users, and/or some combination thereof.
 - Charging and/or H₂ Refueling Scenarios - Describe how the site will support battery-electric truck charging or H₂ refueling, such as opportunity charging, overnight charging, etc.
 - Hours of Operation and Public Accessibility - Include general operating hours and the hours of public accessibility if the development is not exclusively public. Describe any restrictions on public access.
 - Customer Service Model - Describe your firm’s customer service model, such as how you plan to handle payments, reservations, etc.
 - Anticipated new CEQA requirements and permits needed to complete construction and the status of obtaining approvals.
- b. Site Design & Capital Improvements: To the best of your ability, describe the proposed capital improvements planned for the site. Include a conceptual design drawing, indicating the rough locations of charging units and/or H₂ refueling equipment, power supply equipment, and supportive services. If you are not proposing to develop the entire site, indicate the square-

footage required. Additionally, please describe the following to the extent information is available:

- Number of charging units - Include the anticipated number of charging units, noting the number of units in overnight or opportunity configurations.
 - Type of charging units - Identify the charging rate(s) and connector type(s).
 - Energy storage: If applicable, describe any onsite energy storage or generation.
 - Supportive services - Identify plans for supportive services, such as restrooms, offices, and/or car parking, if applicable, and their approximate site locations.
- c. Conceptual Development Schedule: Provide a high-level development schedule, including the timeframe for permitting, construction and full operations.
- d. Cost Estimate and Budget: To the extent feasible, please provide a cost estimate and cost breakdown for the charging/refueling-facility concept. The MSRC understands that these are preliminary costs and subject to change. Please identify the following:
- Estimated capital costs - Include all costs associated with the design and construction of a publicly accessible truck charging/refueling facility. Please list the assumptions used to derive the estimated capital costs.
 - Estimated operations costs - Include costs such as energy, staffing, and maintenance. Please state the assumptions used in estimating operations costs and the minimum re-fueling or charging sales needed to cover operating costs.
 - Expected commitment of private investment and source of funding.
 - Grants or subsidies - Please describe any grants, subsidies, incentives, and/or public utility participation or incentives that are assumed in your budget.
- e. Business Plan and Financial Projections: Provide a description of your business model, including proposed revenue-generating mechanisms and cost-recovery strategies. Indicate the level of financial assistance requested from Metro and the MSRC. If your business plan relies on additional grant funding (or utility program funding), describe the agency or firm's plan for securing such funds. Qualitatively, describe the resources and actions needed to ensure the long-term viability of the charging/refueling facility.
- f. Support for Disadvantaged Fleet Operators: Please discuss if your conceptual project or business plan supports the unique needs of smaller, disadvantaged trucking operators, including independent owner operators. Include information, to the extent applicable, on

financing mechanisms to support smaller operators, availability of overnight parking, or other support mechanisms that benefit disadvantaged trucking operators.

SECTION 4 TCEP PRIORITY SITES

As discussed above, all organizations with candidate Conceptual Projects within the identified LB-ELA Trade Corridor are encouraged to submit an Information Package, addressing the above-listed elements to the extent feasible and applicable.

Additionally, Metro has been in preliminary discussions with property owners of sites identified in the 710 Blueprint. Four priority sites have been identified for potential inclusion in a TCEP application:

710 Blueprint Identified Sites:

- 4570 and 4610 Ardine Street, South Gate CA 90280
- 4223 Independence Ave, South Gate CA 90280
- 8530 S Alameda Street, Los Angeles, CA 90001
- 5340 Bandini Blvd, Bell CA 90201 (eastern half of property)

If your organization has a zero-emission truck refueling concept that could benefit from a partnership with the Metro and the MSRC, and be developed on one of the above-listed properties, please submit an Information package detailing the proposed conceptual project, taking into consideration the physical attributes of the 710 blueprint/TCEP priority site.

Note that Metro, the MSRC, and the 710 blueprint Developer LACI cannot assist in connecting potential RFI respondents with any property owners while this RFI is open. Respondents interested in developing zero-emission truck refueling infrastructure on a 710 blueprint-Identified site should rely on publicly available data and knowledge of the surrounding area when developing a Conceptual Project Information Package.

However, upon Information Package submittal and review, Metro and the MSRC will assist in connecting respondents to the identified property owners to advance project development discussions.

SECTION 5: ADDITIONAL INFORMATION REQUESTS

5.1 - Community Engagement – Please affirm that your business or agency is willing to participate with Metro to engage surrounding communities and, to the extent feasible, incorporate community benefit agreement (CBA) features into the project design.

5.2 - Workforce Development – Please discuss to what degree your business or agency is willing to work with Metro and local workforce resource centers, trade schools, and community colleges to fulfill the TCEP funding State Workforce Development commitment.

5.3 - Use of Licensed & Certified Contractors – Please affirm that should your project be selected to receive funding from the California Transportation Commission, Metro, or the MSRC, that your business or agency will utilize licensed electrical contractors with EVITP certification or other relevant state certification programs.

5.4 - Unique Project Attributes: Please highlight any elements of your organization structure, project concept, business model, or any other element that enhances a potential partnership with Metro and the MSRC.

SECTION 6: INFORMATION PACKAGE SUBMITTAL INSTRUCTIONS

The Information Package submittal period for this RFI closes on **October 4, 2024**, unless extended by the MSRC. Responses should be sent via e-mail to:

Cynthia Ravenstein
MSRC Contracts Administrator
cravenstein@aqmd.gov

If you have any questions regarding this Request for Information, please contact Ray Gorski, MSRC Technical Advisor, at rgorski@aqmd.gov or by phone at (909) 396-2479.