



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

**Thursday, August 15, 2024 at 2:00 p.m.**

A meeting of the MSRC will be held at 2:00 p.m. on Thursday, August 15, 2024 through a hybrid format of in-person attendance in Conference Room CC-8 at the South Coast AQMD Headquarters, 21865 Copley Drive, Diamond Bar, California, and remote attendance via videoconferencing and by telephone. Please follow instructions below to attend the meeting remotely.

### **OTHER LOCATIONS**

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

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

Hemet City  
Council Chambers  
450 E. Latham Ave.  
Hemet, CA 92543

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

### **INSTRUCTIONS FOR ELECTRONIC PARTICIPATION AT BOTTOM OF AGENDA**

**Join Zoom Webinar Meeting – from PC or Laptop**

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

**Zoom Webinar ID: 966 8013 8143 (applies to all)**

**Teleconference Dial In**

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

**PUBLIC COMMENT WILL STILL BE TAKEN**

## MSRC Committee Members

### MSRC Chair

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

### MSRC Vice-Chair

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

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

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

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

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

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

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

*Members of the public may address this body concerning any agenda item before or during consideration of that item (Gov't Code Section 54954.3(a)). If you wish to comment on an agenda item or during the public comment period, please "raise your hand" on Zoom or dial \*9 on your phone. All agendas for regular meetings are posted at District Headquarters, 21865 Copley Drive, Diamond Bar, California, at least 72 hours in advance of the regular meeting. Speakers may be limited to three (3) minutes each.*

**CALL TO ORDER**

- Roll Call

Opening Comments: Larry McCallon, MSRC Chair  
Other MSRC Members

**CONSENT CALENDAR (Items 1 through 3)**

**Receive and Approve**

- 1. 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)

**Information Only – Receive and File**

- 2. 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.
- 3. Financial Report on AB 2766 Discretionary Fund Kampa
  - Financial Report for July 2024.

**ACTION CALENDAR (Items 4 through 12)**

- 4. Consider FY 24-25 Administrative Budget Kampa

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. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL.**

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**ACTION CALENDAR (Items 4 through 12 cont'd)**

**FYs 2016-18 WORK PROGRAM**

5. 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. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL WITH THE CONDITION THIS BE THE FINAL EXTENSION.**

6. 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. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL WITH NO CONDITIONS.**

7. Consider 19-Month Extension by City of Riverside, Contract #ML18063 (Expand Existing CNG Station) Ravenstein

The City requests an extension to September 30, 2029, approximately a 19-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. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL WITH THE CONDITION THIS BE THE FINAL EXTENSION.**

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**ACTION CALENDAR (Items 4 through 12 cont'd)**

- 8. 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. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL**

- 9. 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. **EXCEPT FOR AN ABSTENTION BY ALTERNATE MEMBER YU JUN TAN, THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL.**

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**ACTION CALENDAR (Items 4 through 12 cont'd)**

10. [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. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL.**

11. [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. **EXCEPT FOR ABSTENTIONS BY ALTERNATE MEMBER YU JIUN TAN AND MEMBER STEVEN LEE, THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL.**

**ACTION CALENDAR (Items 4 through 12 cont'd)**

- 12. 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. **EXCEPT FOR ABSTENTIONS BY ALTERNATE MEMBER YU JIUN TAN, MEMBER STEVEN LEE AND CHAIR MINH LE, THE MSRC-TAC RECOMMENDED APPROVAL AS A COMMITTEE OF THE WHOLE.**

**OTHER BUSINESS**

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

McCallon

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

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

**ADJOURNMENT**

**NEXT MEETING:** Date: September 19, 2024, 2:00 PM, Location: South Coast AQMD Headquarters, Conference Room CC-8

***Americans with Disabilities Act and Language Accessibility***

*Disability and language-related accommodations can be requested to allow participation in the MSRC meeting. The agenda will be made available, upon request, in appropriate alternative formats to assist persons with a disability (Gov't Code Section 54954.2(a)). In addition, other documents may be requested in alternative formats and languages. Any disability or language-related accommodation must be requested as soon as practicable. Requests will be accommodated unless providing the accommodation would result in a fundamental alteration or undue burden to the District. Please contact Ms. Marjorie Eaton at (909) 396-3036 from 7:00 a.m. to 5:30 p.m., Tuesday through Friday, or send the request to meaton@aqmd.gov.*

**Pursuant to SB 343**

All documents (i) constituting non-exempt public records, (ii) relating to an item on an agenda for a regular meeting, and (iii) having been distributed to at least a majority of the Committee after the Agenda is posted, are available by contacting Marjorie Eaton at (909) 396-3036 or send the request to [meaton@aqmd.gov](mailto:meaton@aqmd.gov)

**Contacts:**

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

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

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

**\*\*\* Visit Our Website At: [www.cleantransportationfunding.org](http://www.cleantransportationfunding.org) \*\*\***

## INSTRUCTIONS FOR ELECTRONIC PARTICIPATION

### **Instructions for Participating in a Virtual Meeting as an Attendee**

As an attendee, you will have the opportunity to virtually raise your hand and provide public comment.

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

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

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

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

If interpretation is needed, more time will be allotted.

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

### **Directions for Video ZOOM on a DESKTOP/LAPTOP:**

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

### **Directions for Video Zoom on a SMARTPHONE:**

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

### **Directions for TELEPHONE line only:**

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



AGENDA ITEM # 1

Summary of Final Report  
by MSRC Contractor



## MSRC Agenda Item No. 1

Date: August 15, 2024  
From: Ray Gorski, MSRC Technical Advisor  
Subject: Final Report Received and Reviewed

One (1) Final Report was submitted for MSRC 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 # 2

MSRC Contracts Administrator's Report

MSRC Agenda Item No. 2

**DATE:** August 15, 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



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

8/8/2024

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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### ***FY 2011-2012 Contracts***

#### ***Declined/Cancelled Contracts***

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 Wor				\$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 Musi	\$99,000.00	No

**Total: 13**

#### ***Closed Contracts***

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 Gove	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 Depar	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 Ora	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 S	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/VSP	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 Aut	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 D	\$18,350.59	Yes
MS12071	Transit Systems Unlimited, Inc.	5/17/2013	12/16/2018		\$21,250.00	\$21,250.00	Expansion of Existing CNG Station	\$0.00	Yes
MS12072	99 Cents Only Stores	4/5/2013	9/4/2019		\$100,000.00	\$100,000.00	Construct New CNG Station	\$0.00	Yes
MS12073	FirstCNG, LLC	7/27/2013	12/26/2019		\$150,000.00	\$150,000.00	Construct New CNG Station	\$0.00	Yes
MS12074	Arcadia Unified School District	7/5/2013	9/4/2019		\$175,000.00	\$175,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS12075	CR&R Incorporated	7/27/2013	1/26/2021	1/26/2022	\$100,000.00	\$100,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS12076	City of Ontario, Housing & Municipal	3/8/2013	4/7/2015		\$75,000.00	\$75,000.00	Maintenance Facilities Modification	\$0.00	Yes
MS12078	Penske Truck Leasing Co., L.P.	1/7/2014	1/6/2016		\$75,000.00	\$73,107.00	Maintenance Facility Modifications - Vernon	\$1,893.00	Yes
MS12080	City of Pasadena	11/8/2013	8/7/2020	2/7/2022	\$225,000.00	\$225,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS12081	Penske Truck Leasing Co., L.P.	1/7/2014	1/6/2016		\$75,000.00	\$75,000.00	Maintenance Facility Modifications - Santa A	\$0.00	Yes
MS12082	City of Los Angeles, Bureau of Sanit	11/20/2013	2/19/2021	2/19/2023	\$175,000.00	\$175,000.00	Install New CNG Infrastructure	\$0.00	Yes
MS12083	Brea Olinda Unified School District	7/30/2015	2/29/2024		\$59,454.00	\$59,454.00	Install New CNG Infrastructure	\$0.00	Yes
MS12085	Bear Valley Unified School District	4/25/2013	6/24/2014		\$75,000.00	\$75,000.00	Maintenance Facility Modifications	\$0.00	Yes
MS12086	SuperShuttle International, Inc.	3/26/2013	3/25/2019		\$225,000.00	\$225,000.00	Purchase 23 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12087	Los Angeles County MTA	8/29/2013	11/28/2015		\$125,000.00	\$125,000.00	Implement Rideshare Incentives Program	\$0.00	Yes
MS12088	Orange County Transportation Autho	12/6/2013	3/5/2016		\$125,000.00	\$18,496.50	Implement Rideshare Incentives Program	\$106,503.50	Yes
MS12089	Riverside County Transportation Co	10/18/2013	9/17/2015		\$249,136.00	\$105,747.48	Implement Rideshare Incentives Program	\$143,388.52	Yes
MS12Hom	Mansfield Gas Equipment Systems				\$296,000.00	\$0.00	Home Refueling Apparatus Incentive Progra	\$296,000.00	Yes

**Total: 74**

**Closed/Incomplete Contracts**

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

**Total: 4**

**Open/Complete Contracts**

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

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

#### **Open Contracts**

ML14027	County of Los Angeles Dept of Public	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 Mirada	\$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 Gove	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 Exis	\$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 Exisiting 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 Managemen	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 Improveme	\$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 County	\$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 Ange	\$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 R	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 R	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 An	\$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 Aut	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 Dis	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 Ange	\$44,267.12	Yes
MS14088	Southern California Regional Rail Aut	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 Public	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 Public	10/2/2015	5/1/2023	5/1/2024	\$300,000.00	\$300,000.00	Construct New CNG Station in Castaic	\$0.00	Yes
ML14067	City of Duarte	12/4/2015	1/3/2023	6/3/2024	\$60,000.00	\$60,000.00	Purchase Two Electric Buses	\$0.00	Yes
MS14079	Waste Resources, Inc.	9/14/2016	8/13/2022	10/13/2024	\$100,000.00	\$100,000.00	New Limited Access CNG Station	\$0.00	Yes

**Total: 6**

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

#### Open Contracts

ML16025	City of South Pasadena	6/22/2016	4/21/2023	2/21/2025	\$130,000.00	\$0.00	Expand Existing CNG Infrastructure	\$130,000.00	No
ML16039	City of Torrance Transit Department	1/6/2017	9/5/2022	3/27/2026	\$32,000.00	\$0.00	Install Eight Level II EV Chargers	\$32,000.00	No
ML16047	City of Fontana	1/6/2017	8/5/2019	8/5/2025	\$500,000.00	\$0.00	Enhance an Existing Class 1 Bikeway	\$500,000.00	No
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
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**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 Gove	4/27/2016	4/26/2018		\$250,000.00	\$250,000.00	Street Sweeping Operations in Coachella Val	\$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 Vehi	\$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 Bic	\$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 County	\$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 MSRC	\$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 Unio	\$168,670.00	Yes
MS16085	Southern California Regional Rail Aut	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 Aut	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?
<b>Total: 82</b>									
<b>Closed/Incomplete Contracts</b>									
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
<b>Total: 7</b>									
<b>Open/Complete Contracts</b>									
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
<b>Total: 15</b>									
<b>Terminated Contracts</b>									
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
<b>Total: 2</b>									

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
<b>FY 2016-2018 Contracts</b>									
<b>Open Contracts</b>									
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 Vehic	\$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 Cont	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 Emissi	\$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 Emissi	\$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
ML18186	City of Paramount	8/1/2024	2/28/2025		\$42,686.00	\$0.00	Install EV Charging Infrastructure	\$42,686.00	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: 33**

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
<b>Declined/Cancelled Contracts</b>									
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 Emissi	\$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 District				\$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**

<b>Closed Contracts</b>									
ML18019	City of Hidden Hills	5/3/2018	5/2/2022	5/2/2023	\$49,999.00	\$49,999.00	Purchase Two Light-Duty ZEVs and EVSE	\$0.00	Yes
ML18021	City of Signal Hill	4/6/2018	1/5/2022		\$49,661.00	\$46,079.31	Install EV Charging Stations	\$3,581.69	Yes
ML18022	City of Desert Hot Springs	5/3/2018	1/2/2020	1/2/2021	\$50,000.00	\$50,000.00	Traffic Signal and Synchronization Project	\$0.00	Yes
ML18034	City of Calabasas	6/8/2018	3/7/2022	3/7/2023	\$50,000.00	\$50,000.00	Install EVSE	\$0.00	Yes
ML18035	City of Westlake Village	8/8/2018	11/7/2022		\$50,000.00	\$50,000.00	Install EVSE	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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 Departme	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 Char	\$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 Char	\$0.00	Yes
ML18179	City of Rancho Mirage	8/20/2021	2/19/2022		\$50,000.00	\$50,000.00	Traffic Signal Synchronization	\$0.00	Yes
MS18001	Los Angeles County MTA	6/29/2017	4/30/2018		\$807,945.00	\$652,737.07	Provide Clean Fuel Transit Service to Dodge	\$155,207.93	Yes
MS18002	Southern California Association of G	6/9/2017	11/30/2018	12/30/2021	\$2,500,000.00	\$2,276,272.46	Regional Active Transportation Partnership	\$223,727.54	Yes
MS18003	Geographics	2/21/2017	2/20/2021	6/20/2021	\$72,453.00	\$65,521.32	Design, Host and Maintain MSRC Website	\$6,931.68	Yes
MS18004	Orange County Transportation Autho	8/3/2017	4/30/2019		\$503,272.00	\$456,145.29	Provide Special Rail Service to Angel Stadiu	\$47,126.71	Yes
MS18005	Orange County Transportation Autho	1/5/2018	4/30/2019		\$834,222.00	\$834,222.00	Clean Fuel Bus Service to OC Fair	\$0.00	Yes
MS18006	Anaheim Transportation Network	10/6/2017	2/28/2020		\$219,564.00	\$9,488.22	Implement Anaheim Circulator Service	\$210,075.78	Yes
MS18008	Foothill Transit	1/12/2018	3/31/2019		\$100,000.00	\$99,406.61	Special Transit Service to LA County Fair	\$593.39	Yes
MS18010	Southern California Regional Rail Aut	12/28/2017	7/31/2019		\$351,186.00	\$275,490.61	Implement Special Metrolink Service to Unio	\$75,695.39	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS18011	Southern California Regional Rail Aut	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 Part	\$414,533.23	Yes
MS18016	Southern California Regional Rail Aut	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 Subsid	\$46,764.08	Yes
MS18105	Southern California Regional Rail Aut	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 Emissi	\$50,000.00	No
ML18168	City of Maywood	3/29/2019	11/28/2022		\$7,059.00	\$0.00	Purchase EV Charging Infrastructure	\$7,059.00	No
MS18026	Omnitrans	10/5/2018	1/4/2020		\$83,000.00	\$0.00	Modify Vehicle Maintenance Facility and Trai	\$83,000.00	No
MS18118	City of Beverly Hills	3/29/2019	7/28/2025		\$85,272.00	\$0.00	Expansion of Existing CNG Infrastructure	\$85,272.00	No

**Total: 8**

#### Open/Complete Contracts

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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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 Emissi	\$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 Si	\$0.00	No
ML18157	City of Los Angeles Bureau of Street	6/21/2019	5/20/2027		\$85,000.00	\$85,000.00	Purchase One Medium-Duty ZEV	\$0.00	Yes
ML18159	City of Rialto	12/13/2019	5/12/2024	9/19/2025	\$135,980.00	\$106,597.86	Purchase Nine Light-Duty ZEVs and EV Cha	\$29,382.14	No
ML18161	City of Indio	5/3/2019	10/2/2025		\$25,000.00	\$25,000.00	Purchase 1 Light-Duty Zero Emission and E	\$0.00	Yes
ML18162	City of Costa Mesa	1/10/2020	7/9/2026		\$148,210.00	\$148,210.00	Purchase Three Light-Duty ZEVs and EV Ch	\$0.00	Yes
ML18163	City of San Clemente	3/8/2019	12/7/2024	12/7/2025	\$75,000.00	\$70,533.75	Purchase Three Light-Duty ZEVs and EV Ch	\$4,466.25	Yes
ML18169	City of Alhambra	6/14/2019	8/13/2024		\$111,980.00	\$111,980.00	Install EV Charging Infrastructure	\$0.00	Yes
ML18170	City of Laguna Niguel	1/10/2020	8/9/2028		\$75,100.00	\$75,100.00	Purchase One Light-Duty ZEV and EV Char	\$0.00	No
ML18171	City of El Monte	3/1/2019	4/30/2025		\$68,079.00	\$68,077.81	Purchase One Heavy-Duty ZEVs and EV Ch	\$1.19	Yes
ML18176	City of Coachella	3/1/2019	11/30/2024		\$58,020.00	\$58,020.00	Install EV Charging Stations	\$0.00	Yes
MS18066	El Dorado National	12/6/2019	2/5/2026		\$100,000.00	\$100,000.00	Install New Limited-Access CNG Station	\$0.00	Yes
MS18073	Los Angeles County MTA	1/10/2019	2/9/2026		\$2,000,000.00	\$2,000,000.00	Purchase 40 Zero-Emission Transit Buses	\$0.00	Yes

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

### Open Contracts

MS21002	Better World Group Advisors	11/1/2019	12/31/2022	12/31/2024	\$448,154.00	\$228,550.60	Programmatic Outreach Services	\$219,603.40	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	\$15,710.25	Hosting & Maintenance of the MSRC Websit	\$4,441.75	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 Trucks	\$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 Pr	\$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 C	\$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 Ora	\$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 Dodger	\$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?
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## ***FY 2021-2024 Contracts***

### ***Open Contracts***

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

**Total: 8**

### ***Pending Execution Contracts***

MS24009	Los Angeles Cleantech Incubator				\$3,000,000.00	\$0.00	Implement Drayage Truck Recharging Facilit	\$3,000,000.00	No
MS24010	Penske Truck Leasing Co., L.P.				\$17,980,000.00	\$0.00	Partner on Application to Install EV Charging	\$17,980,000.00	No
MS24011	Southern California Gas Company				\$6,000,000.00	\$0.00	Partner on Application to Install Hydrogen Fu	\$6,000,000.00	No
MS24012	Pilot Travel Center, LLC				\$3,000,000.00	\$0.00	Partner on Application to Install Hydrogen Fu	\$3,000,000.00	No
MS24999	Prologis Mobility				\$11,679,171.00	\$0.00	Implement EV Charging and Hydrogen Refu	\$11,679,171.00	No

**Total: 5**



## 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
<b>Total: \$1,211,574.46</b>							
<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**

AGENDA ITEM # 3

Financial Report on  
AB 2766 Discretionary Fund

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

Available Funding (a)		\$ 76,668,657
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)		\$ 35,009,486
Estimated Revenue (d)		\$ 1,356,164
Estimated Available		\$ 36,365,651

**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>	<b>Total</b>	<b>Executed Contracts</b>	<b>Awarded</b>	<b>Balance</b>
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	\$ -	\$ -
<b>FY 2018-21 Totals</b>	\$ 58,666,096	\$ 58,666,096	\$ -	\$ -

<u>FY 2021-24 Work Program</u>	<b>Total</b>	<b>Executed Contracts</b>	<b>Awarded</b>	<b>Balance</b>
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	\$ -	\$ -	\$ -	\$ -
<b>FY 2021-24 Totals</b>	\$ 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 # 4

Consider FY 24-25 Administrative Budget



## MSRC Agenda Item No. 4

DATE: August 15, 2024

FROM: John Kampa

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.

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### 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 #
<b>Staff Administrative Support</b>								
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		
<b>Total Staff Administrative Support</b>	<b>1,340</b>		<b>\$ 167,136</b>	<b>1,340</b>		<b>\$ 169,462</b>		
<b>Contract Administration &amp; Program Support</b>	<b>(a)</b>			<b>(a)</b>				
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			
<b>Total Contract Administration &amp; Program Support</b>	<b>6,300</b>		<b>\$ 610,709</b>	<b>7,100</b>		<b>\$ 740,098</b>		
<b>SUBTOTAL STAFFING COSTS</b>			<b>\$ 777,845</b>			<b>\$ 909,560</b>		
<b>Miscellaneous Direct Costs</b>								
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
<b>Technical Advisor (25%) (b)</b>			<b>48,213</b>					
<b>Travel Costs</b>			<b>2,500</b>			<b>2,500</b>	44003	67800
<b>Fixed Assets</b>			<b>-</b>			<b>-</b>		
<b>Total Miscellaneous Direct Costs</b>			<b>\$ 104,213</b>			<b>\$ 56,000</b>		
<b>Total MSRC Admin Costs</b>	<b>7,640</b>		<b>\$ 882,058</b>	<b>8,440</b>		<b>\$ 965,560</b>		
<b>Estimated 6.25% Admin Cap</b>			<b>\$ 1,018,750</b>			<b>\$ 1,035,243</b>		
<b>Amount (Over)/Under MSRC 6.25% Admin Cap</b>			<b>\$ 136,692</b>			<b>\$ 69,683</b>		

(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 # 5

Consider Extension Request  
by City of Los Angeles

MSRC Agenda Item No. 5

**DATE:** August 15, 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 Partnership Program.

**FINANCIAL IMPACT:** None

**RECOMMENDATIONS:** The MSRC Contracts Administrator recommends approval, conditioned on this being the final extension. The MSRC-TAC reviewed the request and recommends approval, conditioned on this being the final extension.

**ATTACHMENTS:** Contractor's letter requesting modification

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**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 all charging stations have now 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 are operational. The City requests a one-year term extension.

Recommendations: The MSRC Contracts Administrator recommends approval, conditioned on this being the final extension. The MSRC-TAC reviewed the request and recommends approval, conditioned on this being the final extension.

# CITY OF LOS ANGELES

CALIFORNIA



**KAREN BASS**  
MAYOR

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ACTING HYPERION EXECUTIVE PLANT MANAGER

1149 SOUTH BROADWAY, 9<sup>TH</sup> 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*

AN EQUAL EMPLOYMENT OPPORTUNITY - AFFIRMATIVE ACTION EMPLOYER

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](mailto: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 # 6

Consider Extension Request by City of Mission Viejo

MSRC Agenda Item No. 6

**DATE:** August 15, 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 Partnership Program.

**FINANCIAL IMPACT:** None

**RECOMMENDATIONS:** The MSRC Contracts Administrator recommends approval, conditioned on this being the final extension. The MSRC-TAC reviewed the request and recommends approval without conditions.

**ATTACHMENTS:** Contractor’s letter requesting modification

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**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. The MSRC-TAC reviewed the request. Given the potential that issues could arise as the new development moves forward, the MSRC-TAC recommends approval without conditions.



# 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](mailto:rschlesinger@cityofmissionviejo.org).

Sincerely,

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

Attachments: Los Osos Project Brochure



AGENDA ITEM # 7

Consider Extension Request by City of Riverside

MSRC Agenda Item No. 7

**DATE:** August 15, 2024

**FROM:** Cynthia Ravenstein, MSRC Contracts Administrator

**SUBJECT:** 19-Month Term Extension by City of Riverside, Contract #ML18063

**SYNOPSIS:** The City requests an extension to September 30, 2029, approximately a 19-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. The MSRC-TAC reviewed the request and recommends approval, conditioned on this being the final extension.

**ATTACHMENTS:** Contractor's letter requesting modifications

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**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 was submitted for plan check on May 21, 2024, with an estimated approval time of four to six weeks.

In the City's request letter, they expected the spheres to be installed and in service by the end of July 2024. They requested an extension to July 31, 2029 – approximately a 17-month term extension – to allow for the required five-year operational period. MSRC staff followed up with the City regarding the status of their plan check, and in late July – subsequent to the publication of the MSRC-TAC agenda - learned that approval had been delayed. Installation was now estimated to be completed by the end of August, or in September at the latest. Therefore an extension to September 30, 2029 would be needed.

Recommendations: The MSRC Contracts Administrator recommends approval, conditioned on this being the final extension. The MSRC-TAC considered the request and 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](mailto:scall@riversideca.gov)

AGENDA ITEM # 8

Consider MSRC Partnership  
with Penske Truck Rental



MSRC Agenda Item No. 8

**DATE:** August 15, 2024

**FROM:** Cynthia Ravenstein, MSRC Contracts Administrator

**SUBJECT:** Clarify that MSRC Allocation Partnering with Penske Truck Leasing 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. The MSRC-TAC considered the item and recommends approval.

**ATTACHMENTS:** None

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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.

Recommendations: The MSRC Contracts Administrator recommends approval. The MSRC-TAC considered the item and recommends approval.

AGENDA ITEM # 9

Evaluating Performance of MSRC Website  
and Consider Potential Next Steps

MSRC Agenda Item No. 9

**DATE:** August 15, 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](http://www.CleanTransportationFunding.org) website. The Subcommittee found that the website continues to perform its essential functions and does not recommend a major redesign at this time.

**RECOMMENDATION:** The MSRC-TAC considered the findings of its Administrative Subcommittee and 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 MSRC-TAC 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 # 10

Approve MOUs Between SCAQMD on Behalf of  
MSRC and Port of Long Beach and Los Angeles



MSRC Agenda Item No. 10

DATE: August 15, 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: The MSRC-TAC recommends the MSRC: 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
<b>Total POLA Funding Commitment</b>		<b>\$ 12,520,661</b>

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-TAC Recommendation: The MSRC-TAC recommends the MSRC: 1) approve MOUs with the Port of Long Beach and Port of Los Angeles; 2) 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) regulation<sup>1</sup> 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 subvened to SCAQMD for disbursement in programs<sup>2</sup> 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

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<sup>1</sup> 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.

<sup>2</sup> 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
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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: 8/1/24

Attest:   
Name: Amber M. Klesges  
Board Secretary

APPROVED AS TO FORM AND LEGALITY:

DATE: June 6, 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

Account#	59966	W.O. #	78307
Ctr/Div#	0330	Job Fac.#	637-00
Proj/Prog#	000		
	Budget FY:	Amount:	
	FY 24/25	\$5,707,705	
	FY 25/26	\$6,812,956	
	TOTAL	\$12,520,661	
<b>For Acct/Budget Div. Use Only</b>			
Verified by:	<b>Flora Khaw</b>		Digitally signed by Flora Khaw Date: 2024.06.06 16:27:02 -0700
Verified Funds Available:	<i>Flora</i>		Digitally signed by Frank Liu Date: 2024.06.06 17:26:37 -0700
Date Approved:	<b>6/6/24</b>		

**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) regulation<sup>1</sup> 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 programs<sup>2</sup> 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.

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<sup>1</sup> 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.

<sup>2</sup> 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

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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

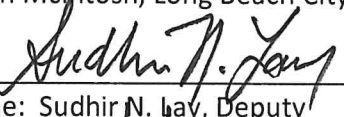
By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date: \_\_\_\_\_

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
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

**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 # 11

Consider Partnership Opportunity with Caltrans and CEC





MSRC Agenda Item No. 11

DATE: August 15, 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 reviewed by the MSRC-TAC and recommended for approval.

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.

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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](mailto:ben.dealba@energy.ca.gov) | Sarah Sweet, [sarah.sweet@energy.ca.gov](mailto: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 approve an 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 # 12

Consider MSRC-Los Angeles County Metro Joint Request for Information on  
Potential Infrastructure Program



MSRC Agenda Item No. 12

DATE: August 15, 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 MSRC-TAC reviewed the Joint MSRC-Metro RFI Work Program element and recommends approval.

WORK PROGRAM **Clean Transportation Funding™** to partner with Metro in the pursuit  
IMPACT: of TCEP Grant Program Funding will be allocated from the MSRC's FY 2025 -'27 Work Program.



**Metro**<sup>™</sup>



**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 7, 2024**

RFI 2025-00

September 6, 2024

Clean Transportation Funding<sup>™</sup> 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 Program<sup>1</sup> – 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)

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

and hydrogen refueling (H<sub>2</sub>), 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 H<sub>2</sub> 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.

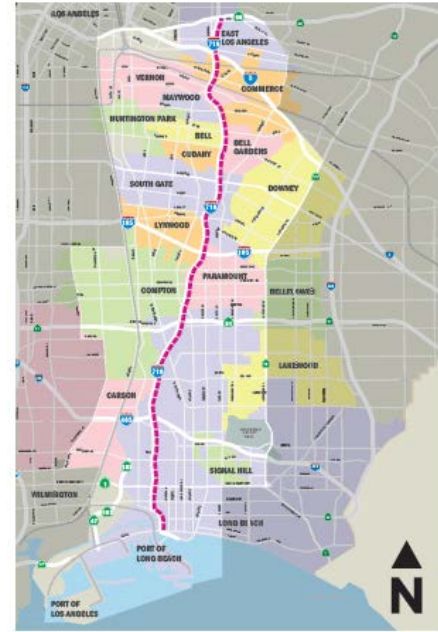
Metro and the MSRC will use the information obtained through this RFI to develop the TCEP grant application. This will include the identification of infrastructure development sites, project partners, the amount of TCEP funding sought, and co-funding that will be brought to the program by the participating 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 H<sub>2</sub> 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 & H<sub>2</sub> 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 H<sub>2</sub> Refueling Scenarios - Describe how the site will support battery-electric truck charging or H<sub>2</sub> 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 H<sub>2</sub> 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 7, 2024**, unless extended by the MSRC. Responses should be sent via e-mail to:

Cynthia Ravenstein  
MSRC Contracts Administrator  
[cravenstein@aqmd.gov](mailto:cravenstein@aqmd.gov)

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