



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

**Thursday, October 19, 2023 at 2:00 p.m.**

A meeting of the MSRC will be held at 2:00 p.m. on Thursday, October 19, 2023 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, 23<sup>rd</sup> Floor  
Planning Conference Room  
Los Angeles, CA 90012

San Bernardino County  
4<sup>th</sup> District Office  
14010 City Center Drive  
Chino Hills CA, 91709

Hemet City Hall  
Sister City Room  
445 E. Florida 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***

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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: Linda Krupa, Commissioner, RCTC

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

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

Vacant  
OCTA  
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

## **Status Report**

### Clean Transportation Policy Update

Ravenstein

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

## **CONSENT CALENDAR (Items 1 through 9)**

### **Receive and Approve**

1. Minutes of the February 16, 2023 MSRC Meeting Eaton
2. Summary of Final Reports by MSRC Contractors Gorski
  - Riverside County Transportation Commission, Contract #MS14059 (\$1,250,000 – Implement Various Traffic Signal Synchronization Projects)
  - City of Riverside, Contract #MS16110 (\$270,000 – Expansion of Existing CNG Station and Maintenance Facility Improvements)
  - Green Fleet Systems, LLC, Contract #21014 (\$300,000 – Deploy Three Near-Zero Emission Trucks)

### **Information Only – Receive and File**

3. MSRC Contracts Administrator's Report Ravenstein

This report covers key issues addressed by MSRC staff, status of open contracts, and administrative scope changes from July 27 through September 27, 2023.
4. Financial Report on AB 2766 Discretionary Fund Pathak

Financial Report for September 2023.
5. Report on Outreach Activities Better World Group

This report provides a summary of outreach, communications and policy activities undertaken by the Better World Group on behalf of MSRC for Summer 2023.

## **FYs 2016-18 WORK PROGRAM**

6. Consider Modified Scope of Work and Two-Year Term Extension by City of Long Beach, Contract #ML18055 (\$622,220 – Install 50 Level II EV Charging Stations)

Ravenstein

The City requests to increase the number of charging stations to be installed from 50 limited-access Level II stations to 74 limited-access Level II stations. The City has completed the installation of 43 stations at a cost significantly less than originally anticipated. They have a number of projects planned which would break ground now through 2024, so they request an initial two-year term extension to complete the work and fulfill the required three-year operational period. The MSRC Contracts Administrator recommends approval. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL.**

7. Consider Modified Scope of Work and 17-Month Term Extension by City of Torrance, Contract #ML18069 (\$187,400 - Purchase 4 Heavy-Duty Near-Zero Emission Vehicles and Install EV Charging Infrastructure)

Ravenstein

The City requests to increase the number of charging stations to be installed from 6 dual-port Level II stations to 19 dual-port Level II stations. Additionally, the City indicates that the project was delayed due to their need to seek additional funding through the Southern California Edison Charge Ready Program. They request an initial 17-month contract term extension to complete the work and fulfill the required three-year operational period. The MSRC Contracts Administrator recommends approval. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL.**

8. Consider 9-Month Extension by City of Los Angeles, Contract #ML18145 (\$1,400,000 – Purchase 11 Heavy-duty Zero Emission Vehicles (ZEVs) & Provide 100 ZEV Taxi Rebates)

Ravenstein

The City indicates that restrictions associated with the COVID-19 pandemic drastically reduced manufacturing capabilities at BYD, the manufacturer they had selected to supply their order of 130 electric buses. The City has now taken delivery of 30 buses, but has not yet placed them into operation. The City has clarified to MSRC staff that they will have at least the 11 buses supported by the MSRC in operation by December 31, 2023. Having previously received a one-year term extension, to allow time to place vehicles into service and complete the required five-year operational period, the City requests an approximately 9-month term extension to December 31, 2028. The MSRC Contracts Administrator recommends approval. **EXCEPT FOR AN ABSTENTION BY MEMBER ANGIE RAMIREZ, THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL.**

9. Consider One Year Term Extension by City of Eastvale, Contract #MS18064 (\$80,400 – Purchase 2 Light-Duty and 1 Medium-Duty Zero-Emission Vehicles and Install EV Infrastructure)

Ravenstein

The City states that the medium-duty ZEV is now scheduled for production in November. Having previously been extended by two years, the City requests a one-year term extension. The MSRC Contracts Administrator recommends approval. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL.**

## **ACTION CALENDAR (items 10 through 11)**

10. **Consider Option to Extend the Technical Advisor's Contract for Another Two-Year Term or Initiate Request for Proposals**

Ravenstein

The current contract for MSRC Technical Services with Raymond Gorski was executed in March 2022 and currently expires December 31, 2023. It contains a provision to extend the term for an additional two years to perform services from January 1, 2024 through December 31, 2025, for an amount not to exceed \$385,700. This item is to consider exercising this option or initiating a Request for Proposals for MSRC Technical Advisor Services. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL TO EXTEND THE CONTRACT FOR ANOTHER TWO-YEAR TERM.**

11. **Consider Proposed Partnership with South Coast AQMD and Partners on a California Air Resources Board Proposal for Deployment of Battery-Electric Municipal Vehicles and Equipment**

Katzenstein

The California Air Resources Board (CARB) has released a solicitation for Advanced Technology Demonstration and Pilot Projects. South Coast AQMD is assembling a team to pursue funding under this solicitation for the demonstration of zero emission trucks and public works vehicles. South Coast AQMD seeks a commitment of \$3,000,000 in co-funding from the MSRC towards project elements as described in the staff report, contingent upon receipt of award from CARB. This would be matched by \$3,000,000 from South Coast AQMD (subject to final approval) and additional funding from other project partners. **EXCEPT FOR AN ABSTENTION BY ALTERNATE YUH JIUN TAN, THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL.**

## **OTHER BUSINESS**

12. *\*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: November 16, 2023, 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](mailto: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

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**INSTRUCTIONS FOR ELECTRONIC PARTICIPATION**

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

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

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

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

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

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

If interpretation is needed, more time will be allotted.

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

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

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

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

- If you would like to make a public comment, please click on the “**Raise Hand**” button on the bottom of your screen.

- This will signal to the host that you would like to provide a public comment and you will be added to the list.

**Directions for TELEPHONE line only:**

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

AGENDA ITEM # 1

Minutes of the February 16

MSRC Meeting





**MOBILE SOURCE AIR POLLUTION REDUCTION REVIEW COMMITTEE  
THURSDAY, FEBRUARY 16, 2023 MEETING MINUTES**  
21865 Copley Drive, Diamond Bar, CA 91765

**Pursuant to Assembly Bill 361 the MSRC meeting was held at 2:00 p.m. on Thursday, February 16, 2023 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/or virtual attendance via videoconferencing and by telephone.**

**MEMBERS PRESENT:**

(Chair) Larry McCallon, representing San Bernardino County Transportation Authority (SBCTA)  
(Vice-Chair) Brian Berkson, representing Riverside County Transportation Commission (RCTC)  
Jessie Lopez, representing Regional Rideshare Agency  
Patrick Harper, representing Orange County Transportation Authority (OCTA)  
Michelle Buffington (Alt.), representing California Air Resources Board (CARB)  
Mark Henderson (Alt.), representing Southern California Association of Governments (SCAG)  
Mark Yamarone (Alt.), representing Los Angeles County Metropolitan Transportation Authority (Metro)

**MEMBERS ABSENT:**

Steve Veres, representing Metro  
Sydney Vergis, representing CARB  
Katrina Foley (Alt.), representing OCTA  
Linda Krupa (Alt.), representing RCTC  
John Dutrey (Alt.), representing SBCTA

**MSRC-TAC MEMBERS PRESENT:**

Derek Winters, representing CARB  
Steven Lee, representing Metro  
Yuh Jiun Tan (Alt.), representing South Coast AQMD  
Adriann Cardoso, representing OCTA  
Scott Strelecki (Alt.), representing SCAG  
Cheryl Wilson (Alt.), representing SBCTA  
Rongsheng Luo, representing SCAG

**OTHERS PRESENT:**

Kelsey Imler  
Mark Abramowitz  
Jason Kang – City of Long Beach  
Lauren Dunlap

**SOUTH COAST AQMD STAFF & CONTRACTORS PRESENT:**

Anish Pathak, Financial Analyst  
Anthony Tang, Information Technology Supervisor  
Cynthia Ravenstein, MSRC Contracts Administrator  
Daphne Hsu, Principal Deputy District Counsel  
Lane Garcia, Program Supervisor  
Laurence Brown, Air Quality Specialist  
Maria Allen, Administrative Assistant  
Marjorie Eaton, Administrative Assistant  
Matt Mackenzie, MSRC Contracts Assistant  
Paul Wright, Sr. Information Technology Specialist  
Ray Gorski, MSRC Technical Advisor-Contractor

**CALL TO ORDER**

- Chair McCallon called the meeting to order at 2:02 p.m.
- Roll call was taken at the start of the meeting.
- Chair McCallon introduced and welcomed a new member Jessie Lopez representing the Regional Rideshare Agency position. Jessie Lopez introduced herself and gave a brief background. She is looking forward to serving alongside everyone.
- Chair McCallon asked for opening comments.

There were no opening comments.

- Chair McCallon asked for the status report on the Clean Transportation Policy Update.

Cynthia Ravenstein reported on the Clean Transportation Policy Update, a report put together by the Outreach Coordinator on legislative session bills, incentives and regulatory programs of interest to the MSRC.

- Chair McCallon asked for disclosures.

Item #9 – MSRC Member Mark Henderson stated he does not have a financial interest, but is required to identify for the record that he is a Regional Council Member of SCAG which is involved in this item.

Item #5 – MSRC Chair Larry McCallon stated he does not have a financial interest, but is required to identify for the record that he is the Chair of the Board of Directors for Southern California Regional Rail Authority (Metrolink), which is involved in this item.

Item #5 – MSRC Vice-Chair Brian Berkson stated he does not have a financial interest, but is required to identify for the record that he is a Commissioner for RCTC and a member of the Board of Directors for Metrolink, which are involved in this item.

Additional disclosures were made later in the meeting for Item No. 9.

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

No public comment.

**CONSENT ITEMS (Items 1 through 7):**

**Information Only – Receive and File**

**1. Comply with AB 361 Requirements to Allow MSRC to Continue to Meet Remotely**

Adopt resolution finding that the MSRC: 1) has reconsidered the circumstances of the state of emergency; and 2) state or local officials continue to impose or recommend measures to promote social distancing.

Moved by Berkson; seconded by Harper; under approval of Consent Calendar Items #1 through #7, item approved.

Ayes: Lopez, Henderson, Harper, Yamarone, Buffington, Berkson, McCallon

Noes: None

Action: No further action is required.

**2. Summary of Final Report by MSRC Contractor**

City of Commerce, Contract #MS18115 (\$275,000 – Expansion of Existing L/CNG Infrastructure)

Moved by Berkson; seconded by Harper; under approval of Consent Calendar Items #1 through #7, item approved.

Ayes: Lopez, Henderson, Harper, Yamarone, Buffington, Berkson, McCallon

Noes: None

Action: No further action is required.

**3. MSRC Contracts Administrator's Report**

The MSRC AB 2766 Contracts Administrator's Report for January 5 through January 25, 2023 was included in the agenda package.

Moved by Berkson; seconded by Harper; under approval of Consent Calendar Items #1 through #7, item approved.

Ayes: Lopez, Henderson, Harper, Yamarone, Buffington, Berkson, McCallon

Noes: None

Action: Staff will include the MSRC Contracts Administrator's Report in the MSRC Committee Report for the March 3, 2023 South Coast AQMD Board

meeting.

**4. Financial Report on AB 2766 Discretionary Fund**

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

Moved by Berkson; seconded by Harper; under approval of Consent Calendar Items #1 through #7, item approved.

Ayes: Lopez, Henderson, Harper, Yamarone, Buffington, Berkson, McCallon

Noes: None

Action: No further action is required.

**For Approval – As Recommended**

**5. Consider 10-Month Term Extension by Riverside County Transportation Commission (RCTC), Contract #MS16094 (\$1,909,241 – Implement MetroLink First Mile/Last Mile Mobility Strategies)**

RCTC requests a 10-month term extension to complete construction of the Rustin Street sidewalk element requiring coordination with the California Public Utilities Commission.

Moved by Berkson; seconded by Harper; under approval of Consent Calendar Items #1 through #7, item approved.

Ayes: Lopez, Henderson, Harper, Yamarone, Buffington, Berkson, McCallon

Noes: None

Action: MSRC Staff will amend the above contract accordingly.

**6. Consider 19-Month Term Extension by City of Torrance, Contract #ML16039 (\$32,000 – Install EV Charging Infrastructure)**

The City requests a 19-month extension due to supply chain shortages associated with the COVID-19 pandemic.

Moved by Berkson; seconded by Harper; under approval of Consent Calendar Items #1 through #7, item approved.

Ayes: Lopez, Henderson, Harper, Yamarone, Buffington, Berkson, McCallon

Noes: None

Action: MSRC Staff will amend the above contract accordingly.

**7. Consider Modified Payment Schedule by Volvo Financial Services, Contract #MS21019 (\$3,930,270 – Lease up to 14 Zero Emission Trucks and Provide Charging Infrastructure)**

Under Contract #MS21019, trucks are to be delivered by Volvo to end user Quality Custom Distribution (QCD). Volvo requests to remove the requirement for proof of the ABB charging stations' installation as a condition for reimbursement of the Phase 2 trucks.

Moved by Berkson; seconded by Harper; under approval of Consent Calendar Items #1 through #7, item approved.

Ayes: Lopez, Henderson, Harper, Yamarone, Buffington, Berkson, McCallon

Noes: None

Action: MSRC Staff will amend the above contract accordingly.

**ACTION ITEMS (Item 8 and 9):**

**8. Consider Modified Operational Requirement by City of Long Beach, Contract #ML18055 (\$622,220 – Install EV Charging Infrastructure)**

Cynthia Ravenstein presented that the City of Long Beach has been awarded \$622,220 to install 50 limited-access level II charging stations. 43 stations have been installed to date. This modification is for the relocation of two stations. The contract does not allow for stations to be relocated; they are to remain operational in their original location for three years. The City would like to relocate two stations at their cost and restart the three-year operational clock in the new location. The City also proposed some language that would cover this and any future relocations.

The MSRC Contracts Administrator and MSRC-TAC recommend approval of the current relocation but not the proposed language regarding future moves.

Chair McCallon asked for comments from Committee members.

MSRC Vice-Chair Brian Berkson asked what is the status of the seven remaining stations? Cynthia Ravenstein answered they expect to get these installed in time to complete the operational requirements within the contract term.

MSRC Member Patrick Harper asked if the City had any objection to taking the language out. Cynthia Ravenstein answered that the City doesn't have a significant objection.

MSRC Member Patrick Harper asked if they are relocating the charging stations, taking them out of the ground and moving them somewhere else? Ravenstein answered that they have already had to pull them out because they lost their lease.

Patrick Harper states his support to the recommendation.

Chair McCallon asked for comments from the public for this item.

Jason Kang, City of Long Beach, a person managing this contract commented that Cynthia is correct and the City was over aggressive with their contract language and misunderstood what was requested. The City is okay with language addressing this as a one-time issue and it will not happen again. The chargers have been removed and will be reinstalled within the next 2 months.

Moved by Berkson to approve the item with the staff recommendation of language that addresses the one-time move but not the addition of language regarding future moves, seconded by Henderson; item unanimously approved.

Ayes: Lopez, Henderson, Harper, Yamarone, Buffington, Berkson, McCallon

Noes: None

Action: MSRC Staff will amend the above contract accordingly.

### **FYs 2021-24 Work Program**

#### **9. Receive Update Report on Results of Request for Information (RFI) for Zero Emission Goods Movement Infrastructure**

Daphne Hsu advises that disclosures be made for item number 9.

Item #9 – MSRC Chair Larry McCallon stated he does not have a financial interest, but is required to identify for the record that he is a Regional Council Member of SCAG which is involved in this item.

Item #9 – MSRC Member Mark Henderson stated he does not have a financial interest, but is required to identify for the record that he is a Regional Council Member of SCAG which is involved in this item.

Item #9 – MSRC Member Mark Yamarone stated he does not have a financial interest, but is required to identify for the record that he is an employee for the Los Angeles County Metropolitan Transportation Authority which is involved in this item.

Ray Gorski presented an update on the status of the MSRC's Publicly Accessible Goods Movement Zero-Emission Infrastructure RFI, which closed November 30, 2022. The MSRC-TAC has established a Goods Movement Subcommittee to evaluate 23 responses received.

The RFI had three main objectives: 1) test the waters to determine if real property owners

would commit to development of onsite recharging and/or hydrogen refueling; 2) identify potential partnerships to leverage the MSRC's currently identified funding; and 3) inform a path forward leading to the investment of MSRC's clean transportation funds at some point in the future.

Responses exceeded all expectations from very well respected public and private organizations. Respondents are very eager to know the outcome of this RFI process and what their status is. Some are being informed in real time. We are offering all respondents the opportunity to sit with MSRC staff and discuss their submittal. Several have been done and others have been calendared. We do understand some of the responses are time critical and many are confidential and we were asked not to disclose the contents of their RFI submittal or even who the respondents are. We are acting in strict confidence and we require anyone that has access to these responses to sign a non-disclosure statement. If any MSRC member would like to learn more about the responses in more detail, more than happy to provide a briefing.

The RFI sought any information an entity was willing to provide the MSRC. The responses covered the full spectrum of an information request. Many were full site-specific proposals for an identified piece of real property and at or near shovel-ready development status. Some proposals were strategically located along RFI identified goods movement corridors and endpoints.

The Subcommittee has developed a robust plan. At the heart is the MSRC guidance to establish partnerships and to the extent possible leverage the MSRC's investment. The Goods Movement Subcommittee developed a structured evaluation process with defined steps, identifying decision points and flexibility to accommodate MSRC direction. MSRC staff is working with the partner agencies to pursue potential joint funding.

Chair McCallon asked for comments from Committee members.

MSRC Member Patrick Harper asked about the logistics of and mechanics of the funding. Ray Gorski answered that when the MSRC decided to embark on this Work Program element it was using three-year Discretionary funding.

Chair McCallon asked for comments from the public for this item. No comments were received from the public.

### **OTHER BUSINESS:**

#### **10.Other Business**

No other business

### **PUBLIC COMMENT PERIOD**



No public comments.

**ADJOURNMENT**

The meeting adjourned at 2:35 p.m.

**NEXT MEETING**

Thursday, April 20, 2023 at 2:00 p.m.

[Prepared by Marjorie Eaton]

DRAFT

AGENDA ITEM #2

Summary of Final Reports  
By MSRC Contractors



## MSRC Agenda Item No. 2

Date: October 19, 2023  
From: Ray Gorski, MSRC Technical Advisor  
Subject: Final Reports Received and Reviewed

Three (3) Final Reports were submitted for MSRC review and approval:

- Riverside County Transportation Commission, Contract #MS14059 in the amount of \$1,250,000 – Signal Synchronization Partnership Program
- City of Riverside, Contract #MS16110 in the amount of \$270,000 – Maintenance Facility Modifications and Expansion of Existing Compressed Natural Gas (CNG) Fueling Facilities
- Green Fleet Systems, Contract #MS21014 in the amount of \$500,000 - Near-Zero Emissions Trucking to Inland Port Logistics Facilities

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

## **Riverside county Transportation Commission – Signal Synchronization Partnership Program**

One element of MSRC's FYs 2011/'12 – 2013/'14 Work Program set aside \$5 million for projects to accelerate traffic flow improvements in the SCAQMD. Congested, stop and go traffic along freeways and arterials results in increased motor vehicle emissions, thus improvements in traffic flow and air quality are inextricably linked. The MSRC Traffic Flow Improvement Program allocated \$1.25 million to each of the four County Transportation Commissions.

RCTC sub-allocated its funding to three signal synchronization projects in the City of Riverside, Moreno Valley, and Coachella Valley to meet the objectives of MSRC's signal synchronization program. The following sections describe the traffic flow improvement projects implemented in each participating city.

City of Riverside – This program element replaced existing, outdated copper interconnect with new fiber optic cable to improve signal synchronization and communications between Buchanan and First Streets, encompassing 49 signalized intersections and spanning approximately 10.4 miles. The improved signal coordination improves traffic flow, incident response, and reduces vehicle emissions. This element of the project included all planning, design, equipment purchase, construction, and installation.

City of Moreno Valley – The Moreno Valley project element deployed critical field devices and a supporting communications system as part of the City's traffic management system. Improvements included installation of Ethernet fiber-optic backbone system, television cameras at 16 key intersections. Project includes all planning, design, equipment purchase, construction, and installation.

Coachella Valley of Government (CVAG) – The purpose of this project element was to monitor traffic signals along the Highway 111 corridor, from Racquet Club Road in the city of Palm Springs, to Indio Boulevard in the city of Indio, and along Harrison Street between Park Lane and Avenue 52 in the city of Coachella. The project improvement included a regional traffic management center to monitor and control all traffic signals in the corridor, and upgrades to existing infrastructure that was not compatible with the new Centrax signal monitoring system. This project included all planning, design, equipment purchase, construction, and installation.

Issues Encountered & Resolved – Over the span of approximately eight years, the local agencies experienced several issues with delivering this complex and regionally significant transportation improvement projects. Some issues are highlighted below:

- a) Delay in clearing environment for projects, which impacted overall construction schedule;
- b) The completion of the Traffic Signal Interconnect Master Plan took longer than anticipated due to the coordination with the numerous jurisdictions, all with different existing equipment. CVAG's project spans eleven different jurisdictions, so getting consensus for the project was a lengthy process that impacted project delivery.

- c) Two of the three projects include federal funding that required the projects to go through the FHWA Request for Authorization process. This added two to three additional months to each project schedule, as implementing agencies must wait for authorization to begin construction.
- d) For RCTC, administering the program proved to be more challenging than originally anticipated. It was administratively burdensome to manage three projects for \$1.25 million dollars. In the future, would consider allocating total funding to one project to minimize the administrative costs.



## City of Riverside – Maintenance Facility Modifications and Expansion of Existing Compressed Natural Gas (CNG) Fueling Facilities

### Project Overview:

Maintenance Facility Modification – The City of Riverside advertised for a Design Build Agreement (RFP No. 1660) for the design and installation of a Methane Gas Detection System at the Central Garage permitting the maintenance of CNG vehicles to be performed inside the facility. On October 24, 2017, this project was awarded to Clean Energy for an estimated amount of \$400,000. Of the \$270,000 in grant funds, \$75,000 was identified to contribute to these modifications. The contractor completed this project successfully in November, 2019 and the Central Garage vehicle maintenance facility is now in compliance with National Fire Protection Association Codes and California Building Codes.

### Station Expansion – Acorn Street Compressed Natural Gas Fueling Station:

The City of Riverside advertised competitive bids (Bid No. 7720) for the purchase and installation of four (4) additional CNG storage spheres to increase the storage capacity as well as reduce the wear and tear on the existing CNG compressor. With the additional capacity of the storage spheres, the compressor is tasked to start up less frequently, thus reducing the wear and tear on the equipment. On April 21, 2020, this bid was awarded to Allied Equipment, Inc. for an estimated amount of \$115,275. Of the \$270,000 in grant funds, \$30,000 was identified to contribute to this expansion project. The additional four (4) CNG storage spheres were purchased and successfully installed by December 2020.

### Station Expansion – Corporation Yard Multi-Product Fueling Station:

The increased demand for CNG sales necessitated the need to expand the Corporation Yard Fueling Station. The City of Riverside issued a request for proposal (RFP No. 1619) seeking a qualified entity or individual to provide “turnkey” design and installation services to design, manufacture, and construct a multiple product, publicly accessible, satellite vehicle fueling facility at the Riverside Corporation Yard. On July 2, 2019, the project was awarded to Tait Environmental Services, Inc. for an estimated amount of \$1,220,000. Of the \$270,000 in grant funds, \$165,000 was identified to contribute to this expansion project. This additional fueling station was successfully completed and was officially in-service by October 2021.

Issues Encountered & Resolved –A variety of problems delayed these projects, which required the City to request two (2) contract term extensions. The Covid-19 Pandemic brought about major City staffing shortages, as well as global supply chain challenges, which delayed receipt of supplies and materials.

The installation of the methane detection system has proven to be extremely beneficial to the fleet maintenance operations and has noticeably increased the efficiency and effectiveness of the operations. The station expansion at 8095 Lincoln Avenue has significantly reduced the congestion at the existing fueling station at the Corporation Yard with the additional CNG fuel dispensers. With the increasing usage of the CNG fueling station at 5961 Acorn Street, the installation of the additional storage spheres will increase the lifespan of the CNG compressor. The project aligns strategically with

the City's overall emission reduction goals.

Satellite Fueling Island



Methane Detection System



CNG Fuel Dispenser



## Green Fleet Systems –Near-Zero Emissions Trucking to Inland Port Logistics Facilities

Overview –Green Fleet Systems (GFS) partnered with the MSRC and SCAQMD to obtain grant funds for three (3) Mack Compressed Natural Gas (CNG) Class 8 trucks. The trucks were purchased from TEC Equipment located in Fontana, CA.

GFS took delivery of two (2) CNG trucks on September 28, 2022. A representative from TEC Equipment was on-site when the trucks were delivered. A walk through was performed by TEC and GFS to verify trucks were in good working order and no damage had been incurred. TEC representative gave GFS drivers a tutorial on how the trucks operated. GFS drivers are familiar with Mack CNG trucks. The company has been operating 21 CNG trucks since 2019.

GFS took delivery of the third CNG truck on October 26, 2022. GFS has a credit account with a CNG fuel vendor, Clean Energy, and fuel cards were assigned to each truck.

GFS uses these trucks to transport Intermodal Containers from the Ports of LA and Long Beach to various Distribution Centers in the Southern CA marketplace, with an emphasis on the Inland Empire region of the state. The units have been in operation for approximately one (1) year and have performed very well. All three units have experienced very little downtime for maintenance problems. GFS anticipates using these vehicles in this service throughout their useful lives.

The company assigns these units first on any deliveries scheduled into the geographic areas designated in the contract. We will continue to emphasize this, as one of our larger customers is moving their warehouse operation to the Chino area in the first or second quarter of 2024. This will significantly increase the fleet mileage into one of the areas covered by the contract.

Air Pollutant Reductions – GFS tracks the trips and miles accrued for their fleet vehicles and was able to provide mileage reports for the three CNG Class 8 tractors operating within the geographical boundaries of the South Coast Air District. To date, the three MSRC co-funded have reduced emissions of oxides of nitrogen on the order of 0.2471 ton.





AGENDA ITEM # 3

MSRC Contracts Administrator's Report

MSRC Agenda Item No. 3

**DATE:** October 19, 2023

**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 July 27 to September 27, 2023.

**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 with the prospective contractor for signature.

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 under development or under internal review.

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.

**Work Program Status**

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

**FY 2011-12 Work Program Contracts**

2 contracts are in "Open/Complete" status, having completed all obligations except operations. One contract closed during this period: City of West Covina, Contract #ML12018 – Expansion of Existing CNG Station.

*FY 2011-12 Invoices Paid*

No invoices were paid during this period.

***FYs 2012-14 Work Program Contracts***

5 contracts from this Work Program year are open, and 9 are in “Open/Complete” status. 2 contracts closed during this period: Fullerton Joint Union High School District, Contract #MS14075 – Expansion of Existing CNG Infrastructure/Mechanic Training; and Hacienda La Puente Unified School District, Contract #MS14083 – New Limited Access CNG Station.

*FYs 2012-14 Invoices Paid*

No invoices were paid during this period.

***FYs 2014-16 Work Program Contracts***

14 contracts from this Work Program year are open, and 10 are in “Open/Complete” status. 4 contracts closed during this period: City of Cathedral City, Contract #ML16006 – Bicycle Outreach; City of Beverly Hills, Contract #ML16070 – Purchase 3 Heavy-duty Natural Gas Vehicles; Omnitrans, Contract #MS16117 – Expansion of CNG Infrastructure in San Bernardino; and Omnitrans, Contract #MS16118 – Expansion of CNG Infrastructure in Montclair.

*FYs 2014-16 Invoices Paid*

One invoice in the amount of \$196,967.55 was paid during this period.

***FYs 2016-18 Work Program Contracts***

52 contracts from this Work Program year are open, and 55 are in “Open/Complete” status. 3 contracts passed into “Open/Complete” status during this period: City of Glendale, Contract #ML18059 – Install EV Charging Infrastructure; City of Fontana, Contract #ML18144 – Install EV Charging Infrastructure; and Mountain View Unified School District, Contract #MS18110 – Install New Limited-Access CNG Infrastructure. 2 contracts closed during this period: City of La Quinta, Contract #ML18142 – Install EV Charging Infrastructure; and Riverside County Transportation Commission, Contract #MS18023 – Weekend Freeway Service Patrols.

*FYs 2016-18 Invoices Paid*

One invoice in the amount of \$196,967.55 was paid during this period.

***FYs 2018-21 Work Program Contracts***

15 contracts from this Work Program year are open. One contract closed during this period: Los Angeles County MTA, Contract #MS20114 – Clean Fuel Bus Service to Dodger Stadium.

*FYs 2018-21 Invoices Paid*

6 invoices totaling \$1,448,311.05 were paid during this period.

***FYs 2021-24 Work Program Contracts***

One contract from this Work Program year is open.

*FYs 2021-24 Invoices Paid*

No invoices were paid on MSRC contracts during this period. However, payment of \$2,796,390 in MSRC funds was authorized under the MSRC/SCAQMD Zero Emission Drayage Truck and Infrastructure Pilot Project Partnership.

***Administrative Scope Changes***

One administrative scope change was initiated during the period from July 27 to September 27, 2023:

- City of Los Angeles, Contract #ML18134 (Purchase 5 Zero Emission Medium-Duty Vehicles) – Reduce scope from 5 vehicles to 2, reduce value from \$290,000 to \$116,000, and one-year term extension

**Attachments**

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

**Total This Period: \$4,780,709.60**



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

9/28/2023

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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML12047	City of Orange	2/1/2013	1/31/2019		\$30,000.00	\$30,000.00	One Heavy-Duty Nat. Gas Vehicle	\$0.00	Yes
ML12049	City of Rialto Public Works	7/14/2014	9/13/2015		\$30,432.00	\$3,265.29	EV Charging Infrastructure	\$27,166.71	Yes
ML12050	City of Baldwin Park	4/25/2013	4/24/2014	10/24/2014	\$402,400.00	\$385,363.00	EV Charging Infrastructure	\$17,037.00	Yes
ML12054	City of Palm Desert	9/30/2013	2/28/2015		\$77,385.00	\$77,385.00	EV Charging Infrastructure	\$0.00	Yes
ML12055	City of Manhattan Beach	3/1/2013	12/31/2018		\$10,000.00	\$10,000.00	One Medium-Duty Nat. Gas Vehicle	\$0.00	Yes
ML12056	City of Cathedral City	3/26/2013	5/25/2014		\$25,000.00	\$25,000.00	Regional Street Sweeping Program	\$0.00	Yes
ML12057	City of Coachella	8/28/2013	8/27/2019	1/27/2022	\$57,456.00	\$57,456.00	Purchase One Nat. Gas H.D. Vehicle/Street	\$0.00	Yes
ML12066	City of Manhattan Beach	1/7/2014	4/6/2015		\$5,900.00	\$5,900.00	Electric Vehicle Charging Infrastructure	\$0.00	Yes
ML12091	City of Bellflower	10/5/2018	10/4/2019	6/30/2022	\$100,000.00	\$49,230.44	EV Charging Infrastructure	\$50,769.56	Yes
MS12001	Los Angeles County MTA	7/1/2012	4/30/2013		\$300,000.00	\$211,170.00	Clean Fuel Transit Service to Dodger Stadium	\$88,830.00	Yes
MS12002	Orange County Transportation Authority	9/7/2012	4/30/2013		\$342,340.00	\$333,185.13	Express Bus Service to Orange County Fair	\$9,154.87	Yes
MS12003	Orange County Transportation Authority	7/20/2012	2/28/2013		\$234,669.00	\$167,665.12	Implement Metrolink Service to Angel Stadium	\$67,003.88	Yes
MS12004	USA Waste of California, Inc.	10/24/2013	11/23/2019		\$175,000.00	\$175,000.00	Construct New Limited-Access CNG Station	\$0.00	Yes
MS12005	USA Waste of California, Inc.	10/19/2012	8/18/2013		\$75,000.00	\$75,000.00	Vehicle Maintenance Facility Modifications	\$0.00	Yes
MS12006	Waste Management Collection & Re	10/19/2012	8/18/2013		\$75,000.00	\$75,000.00	Vehicle Maintenance Facility Modifications	\$0.00	Yes
MS12008	Bonita Unified School District	7/12/2013	12/11/2019	4/11/2021	\$175,000.00	\$175,000.00	Construct New Limited-Access CNG Station	\$0.00	Yes
MS12009	Sysco Food Services of Los Angeles	1/7/2014	4/6/2020		\$150,000.00	\$150,000.00	Construct New Public-Access LNG Station	\$0.00	Yes
MS12010	Murrieta Valley Unified School District	4/5/2013	9/4/2019		\$242,786.00	\$242,786.00	Construct New Limited-Access CNG Station	\$0.00	Yes
MS12011	Southern California Gas Company	6/14/2013	6/13/2019	5/28/2021	\$150,000.00	\$150,000.00	Construct New Public-Access CNG Station -	\$0.00	Yes
MS12012	Rim of the World Unified School District	12/20/2012	5/19/2014		\$75,000.00	\$75,000.00	Vehicle Maintenance Facility Modifications	\$0.00	Yes
MS12024	Southern California Gas Company	6/13/2013	12/12/2019	11/12/2020	\$150,000.00	\$150,000.00	Construct New Public-Access CNG Station -	\$0.00	Yes
MS12025	Silverado Stages, Inc.	11/2/2012	7/1/2018		\$150,000.00	\$150,000.00	Purchase Six Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12026	U-Haul Company of California	3/14/2013	3/13/2019		\$500,000.00	\$353,048.26	Purchase 23 Medium-Heavy Duty Vehicles	\$146,951.74	Yes
MS12028	Dy-Dee Service of Pasadena, Inc.	12/22/2012	1/21/2019		\$45,000.00	\$40,000.00	Purchase 2 Medium-Duty and 1 Medium-He	\$5,000.00	Yes
MS12029	Community Action Partnership of Or	11/2/2012	11/1/2018		\$25,000.00	\$14,850.00	Purchase 1 Medium-Heavy Duty Vehicle	\$10,150.00	Yes
MS12031	Final Assembly, Inc.	11/2/2012	11/1/2018		\$50,000.00	\$32,446.00	Purchase 2 Medium-Heavy Duty Vehicles	\$17,554.00	Yes
MS12032	Fox Transportation	12/14/2012	12/13/2018		\$500,000.00	\$500,000.00	Purchase 20 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12033	Mike Diamond/Phace Management	12/22/2012	12/21/2018	6/21/2021	\$148,900.00	\$148,900.00	Purchase 20 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12034	Ware Disposal Company, Inc.	11/2/2012	11/1/2018	5/1/2022	\$133,070.00	\$133,070.00	Purchase 8 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12035	Disneyland Resort	1/4/2013	7/3/2019		\$25,000.00	\$18,900.00	Purchase 1 Medium-Heavy Duty Vehicle	\$6,100.00	Yes
MS12036	Jim & Doug Carter's Automotive/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	\$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
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: 73**

#### 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
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

**Total: 2**

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
<b>FY 2012-2014 Contracts</b>									
<b>Open Contracts</b>									
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
ML14027	County of Los Angeles Dept of Publi	10/2/2015	5/1/2023	8/1/2028	\$492,000.00	\$0.00	Construct New CNG Station in Canyon Coun	\$492,000.00	No
MS14057	Los Angeles County MTA	11/7/2014	10/6/2019	10/6/2023	\$1,250,000.00	\$0.00	Implement Various Signal Synchronization P	\$1,250,000.00	No
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
<b>Total: 5</b>									
<b>Declined/Cancelled Contracts</b>									
ML14063	City of Hawthorne				\$32,000.00	\$0.00	Expansion of Existng CNG Infrastructure	\$32,000.00	No
ML14068	City of South Pasadena	9/12/2014	10/11/2015	1/11/2020	\$10,183.00	\$0.00	Electric Vehicle Charging Infrastructure	\$10,183.00	No
ML14069	City of Beaumont	3/3/2017	3/2/2025		\$200,000.00	\$0.00	Construct New CNG Infrastructure	\$200,000.00	No
MS14035	Penske Truck Leasing Co., L.P.				\$75,000.00	\$0.00	Vehicle Maint. Fac. Modifications - Sun Valle	\$75,000.00	No
MS14036	Penske Truck Leasing Co., L.P.				\$75,000.00	\$0.00	Vehicle Maint. Fac. Modifications - La Mirad	\$75,000.00	No
MS14038	Penske Truck Leasing Co., L.P.				\$75,000.00	\$0.00	Vehicle Maint. Fac. Modifications - Fontana	\$75,000.00	No
MS14043	City of Anaheim				\$175,000.00	\$0.00	Expansion of Existing CNG Station	\$175,000.00	No
MS14078	American Honda Motor Co., Inc.	9/4/2015	8/3/2022		\$150,000.00	\$0.00	New Public Access CNG Station	\$150,000.00	No
MS14085	Prologis, L.P.				\$100,000.00	\$0.00	New Limited Access CNG Station	\$100,000.00	No
MS14086	San Gabriel Valley Towing I				\$150,000.00	\$0.00	New Public Access CNG Station	\$150,000.00	No
MS14091	Serv-Wel Disposal				\$100,000.00	\$0.00	New Limited-Access CNG Infrastructure	\$100,000.00	No
<b>Total: 11</b>									
<b>Closed Contracts</b>									
ML14010	City of Cathedral City	8/13/2014	10/12/2015		\$25,000.00	\$25,000.00	Street Sweeping Operations	\$0.00	Yes
ML14011	City of Palm Springs	6/13/2014	1/12/2016		\$79,000.00	\$78,627.00	Bicycle Racks, Bicycle Outreach & Educatio	\$373.00	Yes
ML14012	City of Santa Ana - Public Works Ag	2/13/2015	10/12/2021	10/12/2022	\$41,220.00	\$41,220.00	EV Charging and 1 H.D. CNG Vehicle	\$0.00	Yes
ML14014	City of Torrance	9/5/2014	12/4/2019		\$56,000.00	\$56,000.00	EV Charging Infrastructure	\$0.00	Yes
ML14015	Coachella Valley Association of Gov	6/6/2014	9/5/2015		\$250,000.00	\$250,000.00	Street Sweeping Operations	\$0.00	Yes
ML14016	City of Anaheim	4/3/2015	9/2/2021		\$380,000.00	\$380,000.00	Purchase 2 H.D. Vehicles, Expansion of Exi	\$0.00	Yes
ML14019	City of Corona Public Works	12/5/2014	6/4/2020	3/6/2023	\$111,518.00	\$111,517.18	EV Charging, Bicycle Racks, Bicycle Locker	\$0.82	Yes
ML14022	County of Los Angeles Department o	10/2/2015	5/1/2022		\$270,000.00	\$270,000.00	Purchase 9 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML14023	County of Los Angeles Department o	10/2/2015	9/1/2017	3/1/2021	\$230,000.00	\$230,000.00	Maintenance Fac. Modifications-Westcheste	\$0.00	Yes
ML14024	County of Los Angeles Department o	10/2/2015	9/1/2017	9/1/2021	\$230,000.00	\$230,000.00	Maintenance Fac. Modifications-Baldwin Par	\$0.00	Yes
ML14028	City of Fullerton	9/5/2014	1/4/2022		\$126,950.00	\$126,950.00	Expansion of 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 Manageme	6/13/2014	12/12/2020		\$90,000.00	\$90,000.00	Purchase 3 H.D. CNG Vehicles	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML14032	City of Rancho Cucamonga	1/9/2015	1/8/2022		\$113,990.00	\$104,350.63	Expansion of Existing CNG Infrac., 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
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
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 Count	\$0.00	Yes
MS14003	Orange County Transportation Autho	8/1/2013	4/30/2014	10/30/2014	\$194,235.00	\$184,523.00	Implement Metrolink Service to Angel Stadiu	\$9,712.00	Yes
MS14004	Orange County Transportation Autho	9/24/2013	4/30/2014		\$36,800.00	\$35,485.23	Implement Express Bus Service to Solar De	\$1,314.77	Yes
MS14005	Transit Systems Unlimited, Inc.	4/11/2014	2/28/2016		\$515,200.00	\$511,520.00	Provide Expanded Shuttle Service to Hollyw	\$3,680.00	Yes
MS14007	Orange County Transportation Autho	6/6/2014	4/30/2015		\$208,520.00	\$189,622.94	Implement Special Metrolink Service to Ang	\$18,897.06	Yes
MS14008	Orange County Transportation Autho	8/13/2014	5/31/2015		\$601,187.00	\$601,187.00	Implement Clean Fuel Bus Service to Orang	\$0.00	Yes
MS14009	A-Z Bus Sales, Inc.	1/17/2014	12/31/2014	3/31/2015	\$388,000.00	\$388,000.00	Alternative Fuel School Bus Incentive Progra	\$0.00	Yes
MS14037	Penske Truck Leasing Co., L.P.	4/7/2017	6/6/2020		\$75,000.00	\$75,000.00	Vehicle Maint. Fac. Modifications - Carson	\$0.00	Yes
MS14039	Waste Management Collection and	7/10/2015	4/9/2016		\$75,000.00	\$75,000.00	Vehicle Maint. Fac. Modifications - Irvine	\$0.00	Yes
MS14040	Waste Management Collection and	7/10/2015	4/9/2016		\$75,000.00	\$75,000.00	Vehicle Maint. Fac. Modifications - Santa An	\$0.00	Yes
MS14041	USA Waste of California, Inc.	9/4/2015	10/3/2021		\$175,000.00	\$175,000.00	Limited-Access CNG Station, Vehicle Maint.	\$0.00	Yes
MS14042	Grand Central Recycling & Transfer	6/6/2014	9/5/2021		\$150,000.00	\$150,000.00	Expansion of Existing CNG Station	\$0.00	Yes
MS14044	TIMCO CNG Fund I, LLC	5/2/2014	11/1/2020		\$150,000.00	\$150,000.00	New Public-Access CNG Station in Santa A	\$0.00	Yes
MS14045	TIMCO CNG Fund I, LLC	6/6/2014	12/5/2020		\$150,000.00	\$150,000.00	New Public-Access CNG Station in Inglewoo	\$0.00	Yes
MS14046	Ontario CNG Station Inc.	5/15/2014	5/14/2020	11/14/2021	\$150,000.00	\$150,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS14047	Southern California Regional Rail 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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
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
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
MS14083	Hacienda La Puente Unified School	7/10/2015	3/9/2022	6/9/2023	\$175,000.00	\$175,000.00	New Limited Access CNG Station	\$0.00	Yes
MS14084	US Air Conditioning Distributors	5/7/2015	9/6/2021		\$100,000.00	\$100,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS14087	Orange County Transportation Autho	8/14/2015	4/30/2016		\$239,645.00	\$195,377.88	Implement Special Metrolink Service to Ang	\$44,267.12	Yes
MS14088	Southern California Regional Rail 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: 65**

#### **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
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: 6**

#### **Open/Complete Contracts**

ML14013	City of Los Angeles, Bureau of Sanit	10/7/2016	2/6/2025		\$400,000.00	\$400,000.00	Purchase 14 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML14018	City of Los Angeles Dept of General	3/6/2015	9/5/2021	2/5/2026	\$810,000.00	\$810,000.00	Purchase 27 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML14025	County of Los Angeles Dept of Publi	10/2/2015	7/1/2018	7/1/2024	\$300,000.00	\$300,000.00	Construct New CNG Station in Malibu	\$0.00	Yes
ML14026	County of Los Angeles Dept of Publi	10/2/2015	5/1/2023	5/1/2024	\$300,000.00	\$300,000.00	Construct New CNG Station in Castaic	\$0.00	Yes
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
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
MS14075	Fullerton Joint Union High School Di	7/22/2016	11/21/2023		\$300,000.00	\$293,442.00	Expansion of Existing CNG Infrastructure/Ma	\$6,558.00	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
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

**Total: 9**

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

ML16017	City of Long Beach	2/5/2016	8/4/2023	5/4/2029	\$1,445,400.00	\$1,415,400.00	Purchase 50 Medium-Duty, 17 H.D. Nat. Ga	\$30,000.00	No
ML16022	Los Angeles Department of Water an	5/5/2017	3/4/2024	6/4/2028	\$240,000.00	\$0.00	Purchase 8 H.D. Nat. Gas Vehicles	\$240,000.00	No
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
ML16040	City of Eastvale	1/6/2017	7/5/2022	11/5/2026	\$66,409.00	\$53,908.85	Install EV Charging Infrastructure	\$12,500.15	Yes
ML16047	City of Fontana	1/6/2017	8/5/2019	8/5/2024	\$500,000.00	\$0.00	Enhance an Existing Class 1 Bikeway	\$500,000.00	No
ML16057	City of Yucaipa	4/27/2016	1/26/2019	1/26/2024	\$380,000.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$380,000.00	No
ML16075	City of San Fernando	10/27/2016	2/26/2019	8/26/2024	\$354,000.00	\$0.00	Install a Class 1 Bikeway	\$354,000.00	No
ML16077	City of Rialto	5/3/2018	10/2/2021	2/2/2026	\$463,216.00	\$218,708.00	Pedestrian Access Improvements, Bicycle L	\$244,508.00	No
MS16094	Riverside County Transportation Co	1/25/2017	1/24/2022	2/24/2024	\$1,909,241.00	\$0.00	MetroLink First Mile/Last Mile Mobility Strate	\$1,909,241.00	No
MS16110	City of Riverside	10/6/2017	2/5/2025	10/5/2026	\$270,000.00	\$71,250.00	Expansion of Existing CNG Station and Main	\$198,750.00	No
MS16120	Omnitrans	4/7/2017	5/6/2025		\$945,000.00	\$870,000.00	Repower 63 Existing Buses	\$75,000.00	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
MS16123	Orange County Transportation Autho	12/7/2018	11/6/2023		\$91,760.00	\$0.00	Install La Habra Union Pacific Bikeway	\$91,760.00	No

**Total: 14**

### 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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML16011	City of Claremont	10/6/2015	6/5/2022		\$90,000.00	\$90,000.00	Purchase 3 Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML16012	City of Carson	1/15/2016	10/14/2022		\$60,000.00	\$60,000.00	Purchase 2 Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML16015	City of Yorba Linda	3/4/2016	11/3/2017		\$85,000.00	\$85,000.00	Install Bicycle Lanes	\$0.00	Yes
ML16016	City of Los Angeles Dept of General	2/5/2016	12/4/2022		\$630,000.00	\$630,000.00	Purchase 21 Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML16018	City of Hermosa Beach	10/7/2016	1/6/2023		\$29,520.00	\$23,768.44	Purchase 2 M.D. Nat. Gas Vehicles, Bicycle	\$5,751.56	Yes
ML16019	City of Los Angeles, Dept of General	1/25/2017	3/24/2023		\$102,955.00	\$102,955.00	Install EV Charging Infrastructure	\$0.00	Yes
ML16020	City of Pomona	4/1/2016	2/1/2018	8/1/2018	\$440,000.00	\$440,000.00	Install Road Surface Bicycle Detection Syste	\$0.00	Yes
ML16023	City of Banning	12/11/2015	12/10/2021		\$30,000.00	\$30,000.00	Purchase 1 H.D. Nat. Gas Vehicle	\$0.00	Yes
ML16024	City of Azusa	4/27/2016	2/26/2022		\$30,000.00	\$30,000.00	Purchase 1 H.D. Nat. Gas Vehicle	\$0.00	Yes
ML16026	City of Downey	5/6/2016	9/5/2017		\$40,000.00	\$40,000.00	Install EV Charging Infrastructure	\$0.00	Yes
ML16027	City of Whittier	1/8/2016	11/7/2022		\$30,000.00	\$30,000.00	Purchase 1 H.D. Nat. Gas Vehicle	\$0.00	Yes
ML16028	City of Azusa	9/9/2016	4/8/2018		\$25,000.00	\$25,000.00	Enhance Existing Class 1 Bikeway	\$0.00	Yes
ML16031	City of Cathedral City	12/19/2015	2/18/2017		\$25,000.00	\$25,000.00	Street Sweeping in Coachella Valley	\$0.00	Yes
ML16032	City of Azusa	9/9/2016	4/8/2019	4/8/2021	\$474,925.00	\$474,925.00	Implement a "Complete Streets" Pedestrian	\$0.00	Yes
ML16033	Coachella Valley Association of Gov	4/27/2016	4/26/2018		\$250,000.00	\$250,000.00	Street Sweeping Operations in Coachella Va	\$0.00	Yes
ML16034	City of Riverside	3/11/2016	10/10/2018	7/10/2020	\$500,000.00	\$500,000.00	Implement a "Complete Streets" Pedestrian	\$0.00	Yes
ML16036	City of Brea	3/4/2016	12/3/2018		\$500,000.00	\$500,000.00	Install a Class 1 Bikeway	\$0.00	Yes
ML16037	City of Rancho Cucamonga	2/5/2016	11/4/2022		\$30,000.00	\$30,000.00	Purchase One Heavy-Duty Natural Gas Vehi	\$0.00	Yes
ML16038	City of Palm Springs	4/1/2016	7/31/2022	9/30/2022	\$170,000.00	\$60,000.00	Install Bicycle Lanes & Purchase 2 Heavy-D	\$110,000.00	Yes
ML16042	City of San Dimas	4/1/2016	12/31/2019	12/31/2021	\$55,000.00	\$55,000.00	Install EV Charging Infrastructure	\$0.00	No
ML16045	City of Anaheim	6/22/2016	8/21/2019		\$275,000.00	\$255,595.08	Maintenance Facility Modifications	\$19,404.92	Yes
ML16046	City of El Monte	4/1/2016	5/31/2021	5/31/2023	\$20,160.00	\$14,637.50	Install EV Charging Infrastructure	\$5,522.50	Yes
ML16049	City of Buena Park	4/1/2016	11/30/2018		\$429,262.00	\$429,262.00	Installation of a Class 1 Bikeway	\$0.00	Yes
ML16050	City of Westminster	5/6/2016	7/5/2020	5/5/2022	\$115,000.00	\$93,925.19	Installation of EV Charging Infrastructure	\$21,074.81	Yes
ML16051	City of South Pasadena	2/12/2016	1/11/2017	12/11/2017	\$320,000.00	\$258,691.25	Implement "Open Streets" Event with Variou	\$61,308.75	Yes
ML16052	City of Rancho Cucamonga	9/3/2016	11/2/2019	3/31/2021	\$315,576.00	\$305,576.00	Install Two Class 1 Bikeways	\$10,000.00	Yes
ML16053	City of Claremont	3/11/2016	7/10/2018	12/10/2020	\$498,750.00	\$498,750.00	Implement a "Complete Streets" Pedestrian	\$0.00	Yes
ML16054	City of Yucaipa	3/26/2016	7/26/2018	10/25/2019	\$120,000.00	\$120,000.00	Implement a "Complete Streets" Pedestrian	\$0.00	Yes
ML16055	City of Ontario	5/6/2016	5/5/2022		\$270,000.00	\$270,000.00	Purchase Nine Heavy-Duty Natural-Gas Veh	\$0.00	Yes
ML16056	City of Ontario	3/23/2016	9/22/2020	9/22/2021	\$106,565.00	\$106,565.00	Expansion of an Existing CNG Station	\$0.00	Yes
ML16059	City of Burbank	4/1/2016	2/28/2022		\$180,000.00	\$180,000.00	Purchase 6 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML16060	City of Cudahy	2/5/2016	10/4/2017		\$73,910.00	\$62,480.00	Implement an "Open Streets" Event	\$11,430.00	Yes
ML16061	City of Murrieta	4/27/2016	1/26/2020		\$11,642.00	\$9,398.36	Installation of EV Charging Infrastructure	\$2,243.64	Yes
ML16062	City of Colton	6/3/2016	7/2/2020		\$21,003.82	\$21,003.82	Installation of EV Charging Infrastructure	\$0.00	Yes
ML16063	City of Glendora	3/4/2016	4/3/2022		\$30,000.00	\$30,000.00	Purchase One H.D. Nat. Gas Vehicle	\$0.00	Yes
ML16064	County of Orange, OC Parks	2/21/2017	10/20/2018		\$204,073.00	\$157,632.73	Implement "Open Streets" Events with Vario	\$46,440.27	Yes
ML16066	City of Long Beach Public Works	1/13/2017	9/12/2018		\$75,050.00	\$63,763.62	Implement an "Open Streets" Event	\$11,286.38	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML16068	Riverside County Dept of Public Heal	12/2/2016	8/1/2018		\$171,648.00	\$171,648.00	Implement "Open Streets" Events with Vario	\$0.00	Yes
ML16069	City of West Covina	3/10/2017	6/9/2021		\$54,199.00	\$54,199.00	Installation of EV Charging Infrastructure	\$0.00	Yes
ML16070	City of Beverly Hills	2/21/2017	6/20/2023		\$90,000.00	\$90,000.00	Purchase 3 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML16071	City of Highland	5/5/2017	1/4/2020	1/4/2023	\$264,500.00	\$264,500.00	Implement a "Complete Streets" Pedestrian	\$0.00	Yes
ML16072	City of Palm Desert	3/4/2016	1/4/2020	1/3/2022	\$56,000.00	\$56,000.00	Installation of EV Charging Infrastructure	\$0.00	Yes
ML16073	City of Long Beach Public Works	1/13/2017	7/12/2017		\$50,000.00	\$50,000.00	Implement an "Open Streets" Event	\$0.00	Yes
ML16076	City of San Fernando	2/21/2017	8/20/2021		\$43,993.88	\$43,993.88	Install EV Charging Infrastructure	\$0.00	Yes
ML16078	City of Moreno Valley	5/6/2016	11/5/2017	5/5/2018	\$32,800.00	\$31,604.72	Install Bicycle Infrastructure & Implement Bi	\$1,195.28	Yes
ML16079	City of Yucaipa	4/1/2016	3/31/2020		\$5,000.00	\$5,000.00	Purchase Electric Lawnmower	\$0.00	Yes
ML16083	City of El Monte	4/1/2016	4/30/2021	4/30/2023	\$57,210.00	\$25,375.60	Install EV Charging Infrastructure	\$31,834.40	Yes
ML16122	City of Wildomar	6/8/2018	6/7/2019		\$500,000.00	\$500,000.00	Install Bicycle Lanes	\$0.00	Yes
ML16126	City of Palm Springs	7/31/2019	7/30/2020	10/30/2020	\$22,000.00	\$19,279.82	Install Bicycle Racks, and Implement Bicycle	\$2,720.18	Yes
MS16001	Los Angeles County MTA	4/1/2016	4/30/2017		\$1,350,000.00	\$1,332,039.84	Clean Fuel Transit Service to Dodger Stadiu	\$17,960.16	Yes
MS16002	Orange County Transportation Autho	10/6/2015	5/31/2016		\$722,266.00	\$703,860.99	Clean Fuel Transit Service to Orange Count	\$18,405.01	Yes
MS16003	Special Olympics World Games Los	10/9/2015	12/30/2015		\$380,304.00	\$380,304.00	Low-Emission Transportation Service for Sp	\$0.00	Yes
MS16004	Mineral LLC	9/4/2015	7/3/2017	1/3/2018	\$27,690.00	\$9,300.00	Design, Develop, Host and Maintain MSRC	\$18,390.00	Yes
MS16029	Orange County Transportation Autho	1/12/2018	6/11/2020		\$836,413.00	\$567,501.06	TCM Partnership Program - OC Bikeways	\$268,911.94	Yes
MS16030	Better World Group Advisors	12/19/2015	12/31/2017	12/31/2019	\$271,619.00	\$245,355.43	Programmic Outreach Services to the MSR	\$26,263.57	Yes
MS16081	EDCO Disposal Corporation	3/4/2016	10/3/2022		\$150,000.00	\$150,000.00	Expansion of Existing Public Access CNG St	\$0.00	Yes
MS16084	Transit Systems Unlimited, Inc.	5/6/2016	2/28/2018		\$565,600.00	\$396,930.00	Implement Special Shuttle Service from Uni	\$168,670.00	Yes
MS16085	Southern California Regional Rail 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
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



Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS16119	Omnitrans	4/21/2017	8/20/2022		\$150,000.00	\$0.00	New Public Access CNG Station	\$150,000.00	No
MS16124	Riverside County Transportation Co	12/14/2018	12/14/2019	5/14/2020	\$253,239.00	\$246,856.41	Extended Freeway Service Patrols	\$6,382.59	Yes
MS16125	San Bernardino County Transportatio	9/20/2019	11/19/2020		\$1,000,000.00	\$1,000,000.00	Traffic Signal Synchronization Projects	\$0.00	Yes
MS16127	Los Angeles County MTA	6/29/2021		6/28/2022	\$2,500,000.00	\$2,500,000.00	Expansion of the Willowbrook/Rosa Parks Tr	\$0.00	Yes

**Total: 81**

#### Closed/Incomplete Contracts

ML16005	City of Palm Springs	3/4/2016	10/3/2017		\$40,000.00	\$0.00	Install Bicycle Racks, and Implement Bicycle	\$40,000.00	No
ML16035	City of Wildomar	4/1/2016	11/1/2017		\$500,000.00	\$0.00	Install Bicycle Lanes	\$500,000.00	No
MS16082	Riverside County Transportation Co	9/3/2016	8/2/2018		\$590,759.00	\$337,519.71	Extended Freeway Service Patrols	\$253,239.29	No
MS16090	Los Angeles County MTA	10/27/2016	4/26/2020	10/26/2020	\$2,500,000.00	\$0.00	Expansion of the Willowbrook/Rosa Parks Tr	\$2,500,000.00	No
MS16091	San Bernardino County Transportatio	10/7/2016	11/6/2018		\$1,000,000.00	\$0.00	Traffic Signal Synchronization Projects	\$1,000,000.00	No

**Total: 5**

#### Open/Complete Contracts

ML16008	City of Pomona	9/20/2016	11/19/2022	5/19/2025	\$60,000.00	\$60,000.00	Purchase 3 Medium-Duty and 1 Heavy-Duty	\$0.00	Yes
ML16013	City of Monterey Park	12/4/2015	7/3/2022	7/3/2024	\$90,000.00	\$90,000.00	Purchase 3 Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML16021	City of Santa Clarita	10/7/2016	6/6/2024		\$49,400.00	\$49,399.00	Install EV Charging Infrastructure	\$1.00	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
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

**Total: 10**

#### Terminated Contracts

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

**Total: 2**



Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
<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
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
ML18046	City of Santa Ana - Public Works Ag	11/9/2018	7/8/2026		\$385,000.00	\$285,000.00	Purchase 6 Light-Duty ZEVs, 9 Heavy-Duty	\$100,000.00	No
ML18047	City of Whittier	8/8/2018	4/7/2026	1/7/2029	\$113,910.00	\$68,346.00	Purchase 5 Heavy-Duty Near-Zero Emission	\$45,564.00	No
ML18050	City of Irvine	9/7/2018	8/6/2028		\$330,490.00	\$0.00	Purchase 1 Medium/Heavy-Duty ZEV and In	\$330,490.00	No
ML18051	City of Rancho Cucamonga	3/1/2019	10/31/2025	4/30/2027	\$91,500.00	\$72,500.00	Purchase 6 Light-Duty ZEVs, Install 3 Limite	\$19,000.00	No
ML18055	City of Long Beach	11/29/2018	11/28/2026		\$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
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
ML18060	County of Los Angeles Internal Servi	10/5/2018	8/4/2026	8/4/2028	\$1,367,610.00	\$724,868.96	Purchase 29 Light-Duty Zero Emission Vehi	\$642,741.04	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
ML18064	City of Eastvale	11/29/2018	4/28/2026	4/28/2028	\$80,400.00	\$28,457.43	Purchase 2 Light-Duty, One Medium-Duty. Z	\$51,942.57	No
ML18067	City of Pico Rivera	9/7/2018	11/6/2022	6/6/2026	\$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	\$10,000.00	Purchase 2 Light-Duty ZEVs & Install EVSE	\$76,940.00	No
ML18069	City of Torrance	3/1/2019	7/31/2027		\$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 Medium-Duty Vehicles and EV Ch	\$900,000.00	No
ML18084	City of South El Monte	10/18/2019	9/17/2023	9/17/2024	\$30,000.00	\$0.00	EV Charging Infrastructure	\$30,000.00	No
ML18089	City of Glendora	7/19/2019	4/18/2025	10/18/2028	\$50,760.00	\$0.00	Purchase a Heavy-Duty ZEV	\$50,760.00	No
ML18091	City of Temecula	1/19/2019	7/18/2023	3/18/2026	\$141,000.00	\$0.00	Install Sixteen EV Charging Stations	\$141,000.00	No
ML18092	City of South Pasadena	2/1/2019	1/31/2025	4/30/2027	\$50,000.00	\$20,000.00	Procure Two Light-Duty ZEVs and Install EV	\$30,000.00	No
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
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
ML18101	City of Burbank	2/1/2019	4/30/2024	10/30/2024	\$137,310.00	\$0.00	Install Twenty EV Charging Stations	\$137,310.00	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
ML18132	City of Montclair	4/5/2019	9/4/2023	9/4/2026	\$40,000.00	\$0.00	Install Eight EVSEs	\$40,000.00	No
ML18134	City of Los Angeles Dept of General	5/3/2019	5/2/2028		\$290,000.00	\$0.00	Purchase Five Medium-Duty ZEVs	\$290,000.00	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
ML18141	City of Rolling Hills Estates	2/14/2020	1/13/2024	4/13/2026	\$40,000.00	\$10,000.00	Purchase One Light-Duty ZEV and Install Tw	\$30,000.00	No
ML18145	City of Los Angeles Dept of Transpor	1/10/2020	4/9/2027	4/9/2028	\$1,400,000.00	\$0.00	Provide One Hundred Rebates to Purchaser	\$1,400,000.00	No
ML18146	City of South Gate	3/1/2019	11/30/2023	11/30/2026	\$127,400.00	\$50,000.00	Purchase Five Light-Duty ZEVs and Install T	\$77,400.00	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	5/20/2024	\$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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML18152	County of San Bernardino Flood Con	8/11/2020	10/10/2029		\$108,990.00	\$75,000.00	Purchase Five Heavy-Duty Near Zero Emissi	\$33,990.00	No
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
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	No
ML18166	City of Placentia	2/18/2021	5/17/2027		\$25,000.00	\$0.00	Purchase One Heavy-Duty Near-Zero Emiss	\$25,000.00	No
ML18177	City of San Bernardino	6/7/2019	12/6/2026	12/6/2028	\$279,088.00	\$0.00	Purchase Medium- and Heavy-Duty Evs and	\$279,088.00	No
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 Emiss	\$25,000.00	No
MS18015	Southern California Association of G	7/13/2018	2/28/2021	11/30/2023	\$2,000,000.00	\$612,771.52	Southern California Future Communities Par	\$1,387,228.48	No
MS18024	Riverside County Transportation Co	6/28/2018	8/27/2021	8/31/2024	\$1,500,000.00	\$930,926.00	Vanpool Incentive Program	\$569,074.00	No
MS18027	City of Gardena	11/2/2018	9/1/2026	1/1/2028	\$365,000.00	\$0.00	Install New Limited Access CNG, Modify Mai	\$365,000.00	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
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
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
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
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
MS18180	Omnitrans	8/4/2022	8/3/2023		\$83,000.00	\$0.00	Modify Vehicle Maintenance Facility and Trai	\$83,000.00	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
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

**Total: 52**

#### Pending Execution Contracts

ML18185	City of Wildomar				\$25,000.00	\$0.00	Install Bicycle Trail	\$25,000.00	No
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**Total: 1**

#### Declined/Cancelled Contracts

ML18044	City of Malibu	8/8/2018	10/7/2022	10/7/2023	\$50,000.00	\$0.00	Install EV Charging Infrastructure	\$50,000.00	No
ML18053	City of Paramount	9/7/2018	3/6/2023		\$64,675.00	\$0.00	Install EV Charging Infrastructure	\$64,675.00	No
ML18075	City of Orange				\$25,000.00	\$0.00	One Heavy-Duty Vehicle	\$25,000.00	No
ML18140	City of Bell Gardens	12/14/2018	12/13/2028		\$50,000.00	\$0.00	Purchase Two Heavy-Duty Near-ZEVs	\$50,000.00	No
ML18149	City of Sierra Madre				\$50,000.00	\$0.00	Implement Bike Share Program	\$50,000.00	No
ML18150	City of South El Monte				\$20,000.00	\$0.00	Implement Bike Share Program	\$20,000.00	No
ML18153	City of Cathedral City	5/3/2019	4/2/2025		\$52,215.00	\$0.00	Install EV Charging Infrastructure	\$52,215.00	No
ML18158	City of Inglewood				\$146,000.00	\$0.00	Purchase 4 Light-Duty Zero Emission, 4 Hea	\$146,000.00	No
ML18164	City of Pomona				\$200,140.00	\$0.00	Purchase Three Heavy-Duty ZEVs	\$200,140.00	No
ML18165	City of Baldwin Park	2/1/2019	1/30/2024		\$49,030.00	\$0.00	Expand CNG Station	\$49,030.00	No
ML18172	City of Huntington Park	3/1/2019	2/28/2025		\$65,450.00	\$0.00	Purchase One Heavy-Duty ZEV	\$65,450.00	No
ML18174	City of Bell	11/22/2019	7/21/2026		\$25,000.00	\$0.00	Purchase One Heavy-Duty Near-Zero Emiss	\$25,000.00	No
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
MS18184	Clean Energy				\$1,000,000.00	\$0.00	Install Publicly Accessible Hydrogen Fueling	\$1,000,000.00	No

**Total: 27**

#### Closed Contracts

ML18019	City of Hidden Hills	5/3/2018	5/2/2022	5/2/2023	\$49,999.00	\$49,999.00	Purchase Two Light-Duty ZEVs and EVSE	\$0.00	Yes
ML18021	City of Signal Hill	4/6/2018	1/5/2022		\$49,661.00	\$46,079.31	Install EV Charging Stations	\$3,581.69	Yes
ML18022	City of Desert Hot Springs	5/3/2018	1/2/2020	1/2/2021	\$50,000.00	\$50,000.00	Traffic Signal and Synchronization Project	\$0.00	Yes
ML18034	City of Calabasas	6/8/2018	3/7/2022	3/7/2023	\$50,000.00	\$50,000.00	Install EVSE	\$0.00	Yes
ML18035	City of Westlake Village	8/8/2018	11/7/2022		\$50,000.00	\$50,000.00	Install EVSE	\$0.00	Yes
ML18040	City of Agoura Hills	7/13/2018	6/12/2022		\$17,914.00	\$17,914.00	Install EV Charging Infrastructure	\$0.00	Yes
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
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
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
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
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
ML18130	City of Lake Forest	3/1/2019	9/30/2022		\$106,480.00	\$106,480.00	Install Twenty-One EVSEs	\$0.00	Yes
ML18131	City of Los Angeles, Police Departm	5/3/2019	12/2/2022		\$19,294.00	\$19,294.00	Purchase Three Light-Duty ZEVs	\$0.00	Yes
ML18138	City of La Canada Flintridge	2/8/2019	5/7/2023		\$32,589.00	\$32,588.07	Install Four EVSEs and Install Bicycle Racks	\$0.93	Yes
ML18139	City of Calimesa	8/30/2019	7/29/2020	11/29/2021	\$50,000.00	\$50,000.00	Install Bicycle Lane	\$0.00	Yes
ML18142	City of La Quinta	4/24/2019	2/23/2023	8/23/2023	\$51,780.00	\$51,780.00	Install Two EV Charging Stations	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML18160	City of Irwindale	3/29/2019	12/28/2022		\$14,263.00	\$14,263.00	Purchase Two Light-Duty ZEVs	\$0.00	Yes
ML18173	City of Manhattan Beach	3/29/2019	2/28/2023		\$49,000.00	\$49,000.00	Purchase Two Light-Duty ZEVs and EV Cha	\$0.00	Yes
ML18179	City of Rancho Mirage	8/20/2021	2/19/2022		\$50,000.00	\$50,000.00	Traffic Signal Synchronization	\$0.00	Yes
MS18001	Los Angeles County MTA	6/29/2017	4/30/2018		\$807,945.00	\$652,737.07	Provide Clean Fuel Transit Service to Dodge	\$155,207.93	Yes
MS18002	Southern California Association of G	6/9/2017	11/30/2018	12/30/2021	\$2,500,000.00	\$2,276,272.46	Regional Active Transportation Partnership	\$223,727.54	Yes
MS18003	Geographics	2/21/2017	2/20/2021	6/20/2021	\$72,453.00	\$65,521.32	Design, Host and Maintain MSRC Website	\$6,931.68	Yes
MS18004	Orange County Transportation Autho	8/3/2017	4/30/2019		\$503,272.00	\$456,145.29	Provide Special Rail Service to Angel Stadiu	\$47,126.71	Yes
MS18005	Orange County Transportation Autho	1/5/2018	4/30/2019		\$834,222.00	\$834,222.00	Clean Fuel Bus Service to OC Fair	\$0.00	Yes
MS18006	Anaheim Transportation Network	10/6/2017	2/28/2020		\$219,564.00	\$9,488.22	Implement Anaheim Circulator Service	\$210,075.78	Yes
MS18008	Foothill Transit	1/12/2018	3/31/2019		\$100,000.00	\$99,406.61	Special Transit Service to LA County Fair	\$593.39	Yes
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
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
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
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

**Total: 42**

#### 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
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: 7**

#### 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
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
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
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
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
ML18056	City of Chino	3/29/2019	9/28/2023		\$103,868.00	\$103,868.00	Install EV Charging Infrastructure	\$0.00	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
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
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
ML18079	City of Pasadena	12/7/2018	11/6/2023		\$183,670.00	\$183,670.00	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
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
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
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
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
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
ML18154	City of Hemet	11/22/2019	9/21/2023	3/21/2024	\$30,000.00	\$30,000.00	Purchase Two Light-Duty ZEVs and EV Cha	\$0.00	Yes
ML18155	City of Claremont	7/31/2019	9/30/2023		\$35,609.00	\$35,608.86	Install EV Charging Infrastructure	\$0.14	Yes
ML18156	City of Covina	2/1/2019	3/31/2023	12/31/2023	\$63,800.00	\$62,713.00	Purchase Four Light-Duty ZEVs and EV Cha	\$1,087.00	Yes
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
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
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

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

**Total: 55**

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	\$191,801.10	Programmatic Outreach Services	\$256,352.90	No
MS21005	Southern California Association of G	5/5/2021	1/31/2024	7/31/2025	\$16,751,000.00	\$53,504.51	Implement Last Mile Goods Movement Progr	\$16,697,495.49	No
MS21006	Geographics	4/1/2021	6/20/2023	6/20/2025	\$20,152.00	\$10,487.25	Hosting & Maintenance of the MSRC Websit	\$9,664.75	No
MS21007	Penske Truck Leasing Co., L.P.	4/1/2022	3/31/2028		\$1,000,000.00	\$957,812.40	Deploy 5 Zero-Emission Yard Tractors	\$42,187.60	No
MS21009	ITS Technologies & Logistics, LLC	7/15/2022	7/14/2028		\$1,686,900.00	\$0.00	Deploy 12 Zero-Emission Yard Tractors	\$1,686,900.00	No
MS21010	MHX, LLC	9/29/2021	1/28/2028		\$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	\$0.00	Deploy 40 Zero Emssion Trucks	\$7,000,000.00	No
MS21014	Green Fleet Systems, LLC	8/31/2021	8/30/2027	8/30/2028	\$300,000.00	\$270,000.00	Deploy up to 3 Near Zero Emission Trucks	\$30,000.00	No
MS21015	Premium Transportation Services, In	9/22/2021	5/21/2027		\$1,500,000.00	\$1,334,758.50	Deploy up to 15 Near-Zero Emissions Truck	\$165,241.50	No
MS21016	Ryder Integrated Logistics, Inc.	12/7/2022	4/6/2029		\$3,169,746.00	\$0.00	Procure Two Integrated Power Centers and	\$3,169,746.00	No
MS21017	MHX, LLC	9/29/2021	9/28/2030		\$1,900,000.00	\$0.00	Deploy up to 10 Zero-Emission Trucks & Infr	\$1,900,000.00	No
MS21018	Pac Anchor Transportation, Inc.	8/17/2021	8/16/2027	8/16/2028	\$2,300,000.00	\$1,440,000.00	Deploy up to 23 Near Zero Emission Trucks	\$860,000.00	No
MS21019	Volvo Financial Services	3/31/2022	3/30/2030		\$3,930,270.00	\$1,095,869.15	Lease up to 14 Zero-Emission Trucks and Pr	\$2,834,400.85	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
MS21025	Costco Wholesale	12/9/2022	12/8/2028		\$160,000.00	\$0.00	Install Five EV Charging Units	\$160,000.00	No

**Total: 15**

### Declined/Cancelled Contracts

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

**Total: 6**

### Closed Contracts

MS21001	Los Angeles County MTA	8/30/2019	7/29/2020		\$613,752.87	\$613,752.87	Implement Special Transit Service to 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**



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
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**Total: 1**

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

MS24002	South Pasadena Police Department				\$499,789.00	\$0.00	Procure Zero-Emission Vehicles and Infrastr	\$499,789.00	No
MS24003	Omnitrans				\$315,278.00	\$0.00	Bloomington Microtransit Service Expansion	\$315,278.00	No
MS24004	City of Seal Beach				\$162,891.00	\$0.00	Circuit Transit Shared Mobility	\$162,891.00	No
MS24005	City of Huntington Beach				\$279,186.00	\$0.00	Circuit Transit Rideshare Program	\$279,186.00	No
MS24006	Anaheim Transportation Network				\$322,000.00	\$0.00	Old Towne Orange Microtransit Service	\$322,000.00	No
MS24007	City of Gardena				\$475,312.00	\$0.00	Gtrans Microtransit Service	\$475,312.00	No
MS24008	City of Long Beach				\$410,312.00	\$0.00	Circuit Transit Mobility Transit Expansion Pr	\$410,312.00	No

**Total: 7**



AGENDA ITEM # 4

Financial Report on AB 2766  
Discretionary Fund

**AB 2766 Discretionary Fund**  
**Financial Report - September 2023**

Available Funding <b>(a)</b>	\$ 55,807,065
Less Awards by Work Program: <b>(b)</b>	
FY 2018-21	-
FY 2021-24	(17,144,361)
Total Awards by Work Program:	\$ (17,144,361)
Less Balance of FY 2018-21 and FY 2021-24 Work Programs (funding not yet awarded)	\$ (550,000)
Sub-total - Surplus/(Deficit)	\$ 38,112,704
Estimated Revenue <b>(e)</b>	\$ 19,307,896
Estimated Available	\$ 57,420,600

**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)** MSRC Approved \$6 million for partnering with CEC and Caltrans on US DOT Charging and Fueling Infrastructure Grant Program
- (d)** FY 18-21 & FY 21-24 Work Program Summary:

<b><u>FY 2018-21 Work Program</u></b>	<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	\$ 1,245,000	\$ 695,000	\$ -	\$ 550,000
Regional Goods Movement Program	\$ 16,751,000	\$ 16,751,000	\$ -	\$ -
Inland Ports Zero and Near-Zero Emission Trucking	\$ 20,300,016	\$ 20,300,016	\$ -	\$ -
Inland Ports Zero and Near-Zero Emission Cargo Handling	\$ 5,537,775	\$ 5,537,775	\$ -	\$ -
Zero-Emission Drayage Truck and Infrastructure Pilot Project	\$ 8,000,000	\$ 8,000,000	\$ -	\$ -
Hydrogen Infrastructure Projects	\$ 2,322,000	\$ 2,322,000	\$ -	\$ -
<b>FY 2018-21 Totals</b>	\$ 60,876,096	\$ 60,326,096	\$ -	\$ 550,000

<b><u>FY 2021-24 Work Program</u></b>	<b>Total</b>	<b>Executed Contracts</b>	<b>Awarded</b>	<b>Balance</b>
Technical Advisor - Work Program Portion	\$ 289,275	\$ 289,275	\$ -	\$ -
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	\$ 1,965,401	\$ -	\$ 1,965,401	\$ -
Publicly Accessible Goods Movement Zero-Emission Infrastructure	\$ 14,679,171	\$ -	\$ 14,679,171	\$ -
<b>FY 2021-24 Totals</b>	\$ 18,824,184	\$ 1,679,823	\$ 17,144,361	\$ -

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

AGENDA ITEM # 5

Report on Outreach Activities

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# Memorandum

**To:** MSRC Technical Advisory Committee

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

**Date:** September 27, 2023

**Re:** Summer 2023 – Quarterly Report on Outreach Activities

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

## **Task 2 – Outreach and Promotion of MSRC Work Program Achievements**

- On August 23, BWG attended an event hosted by the Los Angeles Clean Tech Incubator (LACI) celebrating a \$1.5 million grant from Congresswoman Nanette Barragan (CA-44) to develop the first heavy-duty truck charging site at the Port of Los Angeles. The MSRC be partnering with LACI, the Port, and Metro on this project.
- On September 18, BWG supported Supervisor Hagman for MSRC/Metro Night at Dodger Stadium to celebrate the Dodger Stadium Express. BWG provided the Supervisor with Q&A points and helped facilitate an interview with ABC 7 at Union Station before he boarded the bus. BWG worked with Metro staff at the stadium to coordinate the pre-game interview and helped escort the Supervisor's wife to the suite while he went to the field to throw out the dual first pitch.
- Coordinated with SCAQMD staff to develop a newsletter article highlighting the MSRC's-funded microtransit projects to be published in the SCAQMD's fall Advisor newsletter.
- Worked with the City of South Pasadena to ensure the public outreach component for their CNG station upgrade was completed.
- September [Clean Air Road Map](#) e-newsletter:
  - MSRC/Metro Night celebrating the Dodger Stadium Express
  - WattEV event opening the largest public heavy-duty charging depot in the U.S.
  - New LADWP CNG boom trucks

- Data highlighting the milestone that one in four new cars sold in California are EVs
- Updated the MSRC's [Facebook](#) page with links to news and relevant stories and disseminated [tweets](#)

### **Task 3 – Development and Dissemination of Marketing/Promotional Materials**

- Developed sample social media messaging for TAC and MSRC members to help promote the MSRC's September electronic newsletter.

- **Tweet 1:**

The latest @cleantranspfund E-newsletter is here!

Read about MSRC/Metro Night celebrating the Dodger Stadium Express, largest electric truck charging depot in US, and new LADWP CNG boom trucks

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

- **Tweet 2:**

The @cleantranspfund E-news is hot off the (digital) press!

Learn more about MSRC/Metro Night to celebrate the Dodger Stadium Express, WattEV's heavy-duty EV truck charging at Port of Long Beach, and LADWP's new CNG bucket trucks

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

### **Task 4 – Participation in Meetings and Events**

- Provided an update at the TAC's August meeting on the summer Clean Transportation Policy Update and other late-breaking intel.
- Presented at the MSRC's August meeting to highlight recent MSRC-funded projects, including Schneider, the City of Rolling Hills Estates, WattEV, and 4 Gen Logistics
- Participated in bi-monthly check-in calls with Cynthia Ravenstein
- Participated in monthly CARB/NGOs call re: state regulatory policy updates
- Participated in monthly Green CA calls re: state legislative and regulatory policies

### **Task 5 – Strategic Market Direction for MSRC Work Programs**

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

### **October - December Anticipated Activity Highlights and Opportunities**

- Develop the November *Clean Air Roadmap* e-newsletter
- Celebrate the MSRC's participation in California Clean Air Day

- Work with interested MSRC TAC and Members to participate in social media promotion of MSRC activities
- Track state legislative and regulatory priorities including clean transportation funding initiatives

AGENDA ITEM # 5

Contract Extension Request by  
City of Long Beach

MSRC Agenda Item No. 6

**DATE:** October 19, 2023

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

**SUBJECT:** Modified Scope and Two-Year Term Extension by City of Long Beach, Contract #MS18055

**SYNOPSIS:** The City requests to increase the number of charging stations to be installed from 50 limited-access Level II stations to 74 limited-access Level II stations. The City has completed the installation of 43 stations at a cost significantly less than originally anticipated. They have a number of projects planned which would break ground now through 2024, so they request an initial two-year term extension to complete the work and fulfill the required three-year operational period. This project is part of the FYs 2016-18 Local Government Partnership Program.

**FINANCIAL IMPACT:** None

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

**ATTACHMENTS:** Contractor's request letter

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**DISCUSSION:**

Contractor: **City of Long Beach**

Project Title: Install Charging Infrastructure

MSRC Funding: \$622,220

Project Term: November 29, 2018 to November 28, 2026

Current Request: Increased scope and two-year term extension

Previous Requests: Modified operational requirements

Project Description: The MSRC awarded the City \$622,220 under the FYs 2016-18 Local Government Partnership Program to install 50 limited access Level II charging stations. 43 stations have been installed to date, and \$302,401.53 has been paid to date.

Previous Requests: The City installed two of the charging stations at property for which the City had a long-term lease. Unexpectedly, the property owner decided to sell the property. Because they were not able to fulfill the operational requirement in the original location, the City proposed to relocate the stations to a City-owned facility at their own cost. They would restart the operational clock and operate the stations for three years from the date of installation in the new location. The City further requested to add language to the contract to



address future potential relocations. The MSRC approved the current relocation, but not the addition of the language allowing future relocations.

Contract Request: The City has completed the installation of 43 stations at a cost significantly less than originally anticipated. They have four additional stations currently under construction, to be completed in October.

The City requests to increase the number of charging stations to be installed from 50 limited-access Level II stations to 74 limited-access Level II stations. They have a number of projects planned which would break ground now through 2024, so they request an initial two-year term extension to complete the work and fulfill the required three-year operational period.

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

September 12, 2023

Cynthia Ravenstein, Contracts Administrator  
South Coast MSRC  
21865 East Copley Drive  
Diamond Bar, CA 91765

Re: MSRC Local Government Partnership Agreement ML18055 – Contract  
Amendment (Increase Charger Cap) and Extension Request

To: Cynthia Ravenstein & the MSRC

Thus far, the City of Long Beach has installed 43 limited access level-II chargers across various City facilities under this contract, for a total reimbursement of \$302,401. There are 4 additional chargers currently under construction, to be completed in October, which would bring the total to 47. The City is currently under the original contract terms of 50 limited access level-II chargers, with a milestone installation date of 08/28/2023 for a maximum reimbursement total of \$622,220.

Through cost savings measures by completing several projects simultaneously, the City is almost at the contract cap of 50 level-II chargers, with about half of the contract value remaining at \$319,818. The City of Long Beach requests to increase the total charger amount on the contract to 74 limited access-level II chargers, and extend the contract by 2 years, for a new contract termination date of 11/28/2028. Should the increase in the number of chargers be granted, 27 additional chargers would be installed at the same type of limited access City facilities, at the following locations:

- 7600 E Spring St, LB 90815
- 2400 E Spring St, LB 90806
- 2600 Temple Ave, LB 90806
- San Francisco Ave, LB 90813

If the amendment request were to be approved, these additional 27 chargers would bring the new, revised total to 74. These various projects are scheduled to break ground later this year and in 2024. This amendment request will have a direct impact on potential start dates and milestones. Rather than close this grant out, the City of Long Beach would like to take advantage of the remaining contract balance and install more chargers under this contract. This grant has been a vital factor for the City's decision makers regarding the installation of EV chargers throughout the City's facilities.



The City of Long Beach has strongly prioritized reducing emissions and has aggressively sought electrification for our Fleet whenever possible. Our partnership has greatly helped this common goal. Should you have any questions for us, please do not hesitate to contact Jason Kang, Administrative Analyst, at 562-570-5407.

Sincerely,



Dan Berlenbach  
Fleet Services Manager, City of Long Beach

DB:jk

T:\Fleet Oper\Grants\3. MSRC 17-18 Govt Partnership ML18055 - EV\ML 18055 Contract



AGENDA ITEM # 7

Contract Extension Request by  
City of Torrance

MSRC Agenda Item No. 7

**DATE:** October 19, 2023

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

**SUBJECT:** Increased Scope and 17-Month Term Extension by City of Torrance, Contract #MS18069

**SYNOPSIS:** Due to the availability of funding under Southern California Edison's (SCE's) Charge Ready program, the City requests to increase the number of charging stations to be installed. Instead of installing six dual-port Level II charging stations as currently specified by the contract, the City requests to install nineteen (19) dual-port Level II stations, at no additional cost to the MSRC. This contract has not previously been extended. Because the cost of the electrical panel, concrete pad and conduit needed to accommodate future stations caused the City to seek additional funding, which led them to apply for the Charge Ready program, the City requests a 17-month term extension. This project is part of the FYs 2016-18 Local Government Partnership Program.

**FINANCIAL IMPACT:** None

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

**ATTACHMENTS:** Contractor's request letter

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**DISCUSSION:**

**Contractor:** City of Torrance

**Project Title:** Procure Four Heavy-duty Near-zero Emission Vehicles and Install Charging Infrastructure

**MSRC Funding:** \$187,400

**Project Term:** March 1, 2019 to July 31, 2027

**Current Request:** Increased scope and 17-month term extension

**Previous Requests:** None

**Project Description:** The MSRC awarded the City \$187,400 to procure four heavy-duty near-zero emission vehicles (\$100,000) and install six limited-access Level II charging stations (\$87,400). Contract #MS18069 was executed to effectuate the award. The vehicles have been placed into service. \$100,000 has been paid to date on this contract.

Contract Request: The City was successful in obtaining additional funding under SCE's Charge Ready program which will enable them to install additional stations. The City requests that their scope be increased, at no additional cost to the MSRC. Instead of installing six limited access Level II charging stations as currently specified by the contract, the City requests to install nineteen (19) dual-port Level II stations.

The City further indicates that the cost of the 400-amp panel, concrete pad and conduits needed to support future stations was prohibitive. This caused the City to seek additional funding sources, which led them to apply for the Charge Ready program. This process has delayed their progress so that they are requesting a 17-month term extension in order to fulfill the Local Government Partnership Program's three-year operational requirement.

#### Initial Consideration at June 1, 2023 MSRC-TAC Meeting

At their June 2023 meeting, the MSRC-TAC raised some specific questions relative to the City's request. Specifically, they wanted to know whether the City was going to follow the SCE-build or the City-build path under the Charge Ready Program, and whether SCE had approved the City's application yet. Because answers were not immediately available, and the contract was not in immediate danger of expiration, the MSRC-TAC tabled consideration of the modification request.

#### Responses to MSRC-TAC Questions

The City has affirmed that both their applications under Charge Ready are for SCE-builds and have been approved by SCE.

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





# CITY OF TORRANCE

DEPARTMENT OF  
GENERAL SERVICES

April 28, 2023

SHANT MEGERDICHIAN  
DIRECTOR  
Cynthia Ravenstein  
MSRC Contracts Administrator

RE: MSRC Contract ML18069 - Contract Extension Request

Dear Ms. Ravenstein,

The City of Torrance requests extension of MSRC Contract ML18069 to cover through December 31, 2028, and Approval of Scope of Work Modification.

**1. Length of Extension Requested:** The request is to extend the contract to December 31, 2028

**2. New Project Schedule**

- **April 26, 2023** - Sign Agreement between City of Torrance and Southern California Edison (SCE) Charge Ready Program for charging station infrastructure- *(completed)*
- **June 30, 2023** – Submit proof of EVSE purchase to Southern California Edison (in progress)
- **July 31, 2023 – December 31, 2024** (18 months) – SCE Design Build – Perform detailed site design, grant easement, secure permits, construct infrastructure, Install EVSE
- **January 1, 2025 – June 30, 2025** – (6 months) – Customer Build - Perform Detailed Site Design, Grant easement, secure permits, construct infrastructure, Install EVSE
- **July 1, 2025– August 31, 2025** – SCE Rebate Issuance – Verify EVSE installation, Review documentation, submit rebate assignment, complete program survey, compliance verification EVSE, verify charging data compliance.
- **September 30, 2025** – Complete EV station installations and enter into service.
- **November 30, 2025** – Implement Public Outreach Plan
- **December 31, 2025** – Final Report
- **January 1, 2025 – December 31, 2028** – 3 Years of Operation

**3. Project Completion Status:**

The City of Torrance Local Government Partnership Program grant team has completed the following requirements.

Four (4) Dump trucks were replaced by the City of Torrance year 2020 provided in the chart below:

Vehicle #	Make / Model	Mileage
8900	2001 International 4700 Dump Truck	86,060
8901	2001 International 4900 Dump Truck	102,743
8903	2001 International 4700 Dump Truck	90,877
8904	2001 International 4900 Dump Truck	110,883



New Vehicle Number	Equipment Description	Delivery Date	Last 5 #s of VIN	Replaces Equipment	Equipment Description2	Assignment
8951	2020 Freightliner M2 114 12-14 Yard Dump Truck	6/18/2020	D7677	8901	2001 INTERNATIONAL AL 4900	PW - PATCHING/STREET MAINT.
8952	2020 Freightliner M2 114 12-14 Yard Dump Truck	6/21/2020	D7678	8904	2001 INTERNATIONAL AL 4900	PW - PATCHING/STREET MAINT.
8953	2020 Freightliner M2 114 12-14 Yard Dump Truck	7/28/2020	D7679	8900	2001 INTERNATIONAL AL 4700	PW - CONCRETE/SIDEWALKS
8954	2020 Freightliner M2 114 12-14 Yard Dump Truck	7/28/2020	D7680	8903	2001 INTERNATIONAL AL 4700	PW - CONCRETE/SIDEWALKS

The City of Torrance received \$100,000 reimbursement for the 4 dump trucks at the end of the year 2020.

#### 4. Reason for Delay:

On September 22, 2021, the city received bids for the 400-Amp Panel for future electric vehicle charging stations, concrete pad for surface mounted transformer and conduits per plans provided by Southern California Edison. The lowest bid total expenditure did not leave enough remaining grant funding to cover the (6) dual port Level II charging stations needed to comply with grant obligations. The City of Torrance applied for the Charge Ready rebate program to cover this portion of the project for the purpose of keeping within the allocated budget. The proposed project included (8) eight chargers behind City Hall and (8) eight chargers at the City Yard. Through SCE we were able to add (3) three additional level 2 chargers.


**5. Consequences of Denial** – If the extension is not approved the City of Torrance will be unable to proceed with installation of charging stations at Torrance City Hall and the City Yard. The city application for the Charge Ready program has been recently approved and conceptual design completed.

**6. Scope of Work Modification:** In addition to the contract extension, the City of Torrance requests approval of the Scope of Work change, from (6) dual port level II charging stations at each location, to (8) eight dual port level II chargers behind City Hall and (8) eight dual port level II chargers at the City Yard. The reason for the additional level II chargers is that Charge Ready Program applications are not approved if they don't meet a certain threshold. Through SCE we were able to add (3) three additional level 2 chargers to meet the threshold for the application approval process.

The grant team would like to continue to move forward in undertaking the next steps for the EV charging stations for fleet use. Quarterly Updates will be provided documenting progress towards these efforts.

For additional questions, please contact Milton Sanabria at (310) 781 – 7162.

Sincerely,

  
Milton Sanabria  
Administrative Services Manager  
City of Torrance



AGENDA ITEM # 8

Contract Extension Request by  
City of Los Angeles

MSRC Agenda Item No. 8

**DATE:** October 19, 2023

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

**SUBJECT:** 9-Month Term Extension by City of Los Angeles, Contract #ML18145

**SYNOPSIS:** The City indicates that restrictions associated with the COVID-19 pandemic drastically reduced manufacturing capabilities at BYD, the manufacturer they had selected to supply their order of 130 electric buses. The City has now taken delivery of 30 buses, but has not yet placed them into operation. The City has clarified to MSRC staff that they will definitely have at least the 11 buses supported by the MSRC in operation by December 31, 2023. Having previously received a one-year term extension, to allow time to place vehicles into service and complete the required five-year operational period, the City requests an approximately 9-month term extension to December 31, 2028. This project is part of the FYs 2016-18 Local Government Partnership Program.

**FINANCIAL IMPACT:** None

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

**ATTACHMENTS:** Contractor's request letter

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**DISCUSSION:**

**Contractor:** City of Los Angeles

**Project Title:** Procure 11 Heavy-Duty Zero Emission Vehicles (ZEVs) and Provide 100 ZEV Taxi Rebates

**MSRC Funding:** \$1,400,000

**Project Term:** January 10, 2020 to April 9, 2028

**Current Request:** 9-month term extension

**Previous Requests:** One-year term extension

**Project Description:** The MSRC awarded the City \$1,400,000 to procure 11 heavy-duty ZEVs (\$11,000,000) and to provide 100 ZEV taxi rebates (\$300,000). Contract #ML18145 was executed to effectuate the award. The City has developed, and obtained approval of, a funding application form to be completed by taxicab purchasers. Zero emission buses have been delivered, but not yet placed into service. Nothing has been paid to date on this contract.

Previous Requests: In October 2022, the City indicated that restrictions associated with the COVID-19 pandemic had impacted the manufacturing capabilities of BYD, their selected provider for the vehicles. Production had resumed and they had taken delivery of the first bus. The City requested a one-year term extension. This request was processed administratively.

Contract Request: The City indicates that the restrictions associated with the COVID-19 pandemic reduced manufacturing capabilities at BYD, the manufacturer they had selected to supply their order of 130 electric buses, even more than originally thought. The City has now taken delivery of 30 buses, but has not yet placed them into operation. It is MSRC staff's understanding that the City is suffering from a shortage of staff to perform necessary evaluations on the buses before they can be placed into service, but the City has clarified to MSRC staff that they will definitely have at least the 11 buses supported by the MSRC in operation by December 31, 2023.

Recommendations: Given the City's assurances and the fact that the buses have been delivered, the MSRC Contracts Administrator recommends approval. The MSRC-TAC has reviewed the request and recommends approval.

# CITY OF LOS ANGELES

CALIFORNIA

Connie Llanos  
GENERAL MANAGER (ACTING)



KAREN BASS  
MAYOR

DEPARTMENT OF TRANSPORTATION  
100 South Main Street, 10th Floor  
Los Angeles, California 90012  
(213) 972-8470  
FAX (213) 972-8410

June 7, 2023

Ms. Cynthia Ravenstein  
Mobile Source Air Pollution Reduction Review Committee  
South Coast Air Quality Management District  
21865 Copley Drive  
Diamond Bar, CA 91765-4178

## **RE: Time Extension Request for MSRC Contract ML18145 - On-road Heavy-duty Zero-emission Vehicles**

Dear Ms. Ravenstein,

The City of Los Angeles Department of Transportation (LADOT) requests a time extension for MSRC Contract ML18145 for a new term end-date of December 31, 2028. The MSRC Contract ML18145 includes funding for 11 on-road heavy-duty zero-emission buses and rebates for 100 zero-emission taxicabs. LADOT would like to take this opportunity to provide justification for its deviation from the project schedule for the portion that pertains to its procurement of zero-emission buses.

### Reason for Delay, Project Completion Status, and New Project Schedule

Awarded in 2018, Contract ML18145 allocates \$1.1 million for 11 on-road heavy-duty zero-emission vehicles, specifically battery electric buses. However, due to restrictions created by the COVID-19 pandemic, manufacturing capabilities at BYD—the manufacturer selected by LADOT to supply its 130 electric bus order, which is partially funded by the MSRC funding award—were drastically reduced, delaying the purchase and delivery schedule for delivering the buses to LADOT.

All aspects of the project have been completed with the exception of the full delivery of all buses ordered and their subsequent evaluations. As of June 2023, LADOT has taken delivery of 21 BYD K7M electric buses completed at the BYD manufacturing plant, with 109 additional buses expected for delivery by September 2023. Section 2 of the Scope of Work in the MSRC Contract ML18145 requires a service period of a minimum of five years for the 11 on-road heavy-duty zero-emission vehicles procured by this contract. As the contract stipulates a five-year requirement period for operation of the vehicles, LADOT is requesting an extension to accommodate changes in the vehicle delivery schedule, with operations to begin by December 31, 2023 and extending to December 31, 2028.

Consequences of Request Denial

Should LADOT's request for an extension be denied, an uncovered cost of \$1.1 million would be incurred due to LADOT having entered into a contractual agreement with manufacturer BYD for the delivery of zero-emission electric buses. LADOT would need to rely on Prop A funds to make up the balance, and reduce the amount available to administer Transit programs, including transit operations and investments needed to electrify the bus fleet. This additional cost burden would negatively affect both LADOT's ability to provide reliable transit service and impede its broader goal of fostering environmental stewardship through the transition to a zero-emission transit fleet.

Length of Extension Requested

To accommodate electric bus delivery delays, LADOT requests that Contract ML 18145 be extended to a new term end-date of December 31, 2028. Should you have any questions or concerns, please contact David Somers at (213) 972-5966 or Bryan Ochoa at (213) 507-2263.

Best Regards,

A handwritten signature in dark ink, appearing to read "David Somers", with a stylized flourish underneath.

David Somers, Supervising Transportation Planner II  
Transit Grants, Budget, and Procurement Division  
Los Angeles Department of Transportation (LADOT)

AGENDA ITEM # 9

Contract Extension Request by  
City of Eastvale

MSRC Agenda Item No. 9

**DATE:** October 19, 2023

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

**SUBJECT:** One-Year Term Extension by City of Eastvale, Contract #ML18064

**SYNOPSIS:** The City states that after extensive time on a waitlist, the medium-duty ZEV is now scheduled for production in November. Having previously been extended by two years, the City requests a one-year term extension. The MSRC Contracts Administrator recommends approval. This project is part of the FYs 2016-18 Local Government Partnership Program.

**FINANCIAL IMPACT:** None

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

**ATTACHMENTS:** Contractor's request letter

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**DISCUSSION:**

**Contractor:** City of Eastvale

**Project Title:** Procure 2 Light-Duty and 1 Medium-Duty Zero Emission Vehicles and Install EV Infrastructure

**MSRC Funding:** \$80,400

**Project Term:** November 29, 2018 to April 28, 2028

**Current Request:** One-year term extension

**Previous Requests:** Two-year term extension

**Project Description:** The MSRC awarded the City \$80,400 to procure two light-duty ZEVs (\$20,000), one medium-duty ZEV (\$51,722), and to install limited-access EV charging stations (\$8,678). Contract #ML18064 was executed to effectuate the award. The light-duty vehicles and EV charging stations have been purchased and placed into service, and the medium-duty vehicle has been ordered. \$28,457.43 has been paid to date on this contract.

**Previous Requests:** The City indicated that they wish to purchase a truck as the medium-duty vehicle, but there were currently no zero emission trucks available which were suitable for their needs. However, several manufacturers had announced the production of electric trucks in the near future. The City requested a two-year term extension to allow them to order and place the final vehicle into service. At their February 2021 meeting, the MSRC considered and approved the City's request.

Contract Request: The City states that after extensive time on a waitlist, the medium-duty ZEV is now scheduled for production in November. Having previously been extended by two years, the City requests a one-year term extension.

Recommendations: Given the progress demonstrated on the project overall, the MSRC Contracts Administrator recommends approval. The MSRC-TAC reviewed the request and recommends approval.





# CITY OF EASTVALE

12363 Limonite Avenue | Suite 910 | Eastvale, CA 91752  
951.361.0900

February 24, 2023  
South Coast Air Quality Management District/MSRC  
21865 Copley Drive  
Diamond Bar, CA 91765-4178  
Attn: Cynthia Ravenstein  
RE: Request to Extend Contract ML18064

Greetings,

The City of Eastvale (City) would like to request an extension for Contract #ML18064. The original timeframe has been pushed due to circumstances outside of City control. The request would add 12 months to the current term set to terminate on April 28, 2028. The new project schedule will not have any new milestones as the scope remains intact. The project completion status is at a standstill as the City is still on the waitlist to receive the zero emission truck. With this extension, it is the hope that fleet inventory will be available within the next year as to keep the City on track to complete the scope of this agreement.

After extensive efforts and follow up; the EV medium duty vehicle will not be delivered in time due to the backorder. City staff have regularly followed up with fleet vendors for inventory status' and have been met the same stalemate. Please review this request as an extension as the timeline has been affected out of City control. The term of the current contract terminates April 28, 2028. The scope of this work would be completed within the timeline of the updated contract.

The proposed schedule is as follows:

Task	Completion
Vendor Selection	Month 45
Submit Public Outreach Plan	Month 52
Complete EV installations, enter service	Month 63
Implement Public Outreach Plan	Month 65
Quarterly Reports	Quarterly beginning with Month 4
Final Report	Month 66

The estimated project cost for the timeline change has no effect on the current budget. The City has abided and completed previous amendments without issue and delivered on its commitment to complete this work within budget and schedule. With regards to the consequences of denial, there will be no financial repercussions or lost deposit if the order for this vehicle is cancelled. The City placed an order for the vehicle on April 20, 2022. No deposit has been requested in the process as the production delays have been extensive. The City has followed up with the vendor in excess, with no progress having been made. It is the hope that the March update will bring good production news so the City may proceed with this order and funding collaboration.

Please consider this letter as a formal request to extend the contract for an additional year. The City has been delighted to complete the duties of the contract. Further, the City is eager and ready to expend the funding made possible by South Coast Air Quality Management District/MSRC. Please feel free to reach us with any questions or concerns.

Thank you for your consideration,

A handwritten signature in blue ink, appearing to be 'Jimmy Chung', with a stylized, cursive script.

Jimmy Chung, City Engineer

AGENDA ITEM # 10

Consider Option to Extend the  
MSRC Advisor's Contract

MSRC Agenda Item No. 10

**DATE:** October 19, 2023

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

**SUBJECT:** Consider Option to Extend the Technical Advisor's Contract for an Another Two-Year Term or Initiate Request for Proposals

**SYNOPSIS:** The current contract for MSRC Technical Services with Raymond Gorski was executed in March 2022 and currently expires December 31, 2023. It contains a provision to extend the term for an additional two years to perform services from January 1, 2024 through December 31, 2025, for an amount not to exceed \$385,700. Should the MSRC elect not to exercise the option, it would be necessary to develop and release a new Request for Proposals (RFP) for MSRC Technical Advisor Services.

**RECOMMENDATION:** The MSRC-TAC considered recommendations from its Administrative Subcommittee and recommends that the MSRC execute the two-year option for Contract #MS21024, extending the term to December 31, 2025 and increasing the contract amount by \$385,700 for a new total contract amount not to exceed \$771,400.

**FISCAL IMPACT:** The \$385,700 contract value increase will be allocated as follows: \$24,106 to be allocated to the FY 2023-24 Administrative Budget; and the remainder to be divided between the FYs 2021-24 (\$90,398) and subsequent Work Program(s) (\$271,195).

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Discussion:

Following an open RFP process in 2021 to solicit Technical Advisor services, the MSRC selected Raymond Gorski to perform as its independent contractor to provide technical advisor services for the MSRC. The contract was for \$385,700 for an initial two-year period and included an option clause for a two-year term extension. The option clause provided for a not-to-exceed contract amount of \$385,700. Funding specifics for the option period would be as follows:

- a. \$24,106 would be allocated as part of the FY 2023-24 Administrative Budget; and
- b. The remainder would be divided between the FYs 2021-24 (\$90,398) and subsequent Work Program(s) (\$271,195).

Prior to considering exercising the one-time option, the MSRC-TAC Administrative Subcommittee evaluated Mr. Gorski's performance in closed session at their September 26,

2023 meeting. The Subcommittee reported back that they had evaluated Mr. Gorski's performance as extremely good over the last two years.

Recommendations: The MSRC-TAC considered recommendations from its Administrative Subcommittee and recommends that the MSRC execute the two-year option for Contract #MS21024, extending the term to December 31, 2025 and increasing the contract amount by \$385,700 for a new total contract amount not to exceed \$771,400.

Next Steps: This item will be considered by the MSRC at its next meeting, and if approved, it will be included in the next Work Program Board letter going to the SCAQMD Board for consideration.

AGENDA ITEM # 11

Consider Proposed Partnership with South Coast AQMD and Partners on a Proposal for Deployment of Battery-Electric Drayage Vehicles, Municipal Vehicles and Equipment, and Supporting Infrastructure to California Air Resources Board

## **South Coast AQMD Funding Request for CARB Advanced Technology Demonstration and Pilot Project Grant Proposals**

South Coast AQMD is preparing two sister proposals, titled Strategic Pathway(s) for Extended Electric Drayage (SPEED), and California Transportation Electrification Advancement for Municipalities (CA TEAM), respectively. The two projects together are the most ambitious zero-emissions and carbon-reduction technology demonstration ever proposed for grant funding in California. The two projects, modeled to some degree after the original Volvo LIGHTS project experience, would connect ostensibly disparate, overburdened California municipal green zones – located in California’s multiple air districts – into a single, “statewide municipal green zone,” bound by a solar-powered and grid-connected “Electric Highway” stretching from the US Southern border to the City of Sacramento.

The two proposals focus on two separate grant categories:

- SPEED: Port/Drayage Vehicles
- CA-CARE Municipal Green Zone

The scope in each of the two proposals is described below.

Port/Drayage Vehicles:

- Multiple publicly accessible charging stations (deployed by WattEV) along the major highways and ports, covering the Districts of South Coast, San Diego, San Joaquin, and Sacramento, creating an inter-region charging corridor
- Deployment of ~100 Class 8 Volvo battery electric trucks
- Development and demonstration of rapid charging capable trucks
- Demonstration of battery recirculation
- Collection of truck and charger data
- Battery fire safety prevention
- Community outreach and workforce training

The total budget is about \$97 million. The fleets, infrastructure sites, and South Coast AQMD will contribute to the 50% cost share.

Municipal Green Zone:

- Deployment of battery electric refuse trucks, shuttle buses, fire trucks, and construction equipment and supporting charging infrastructure
- Partners include the City of Riverside, City of Los Angeles, the City of Sacramento, and the City of Clovis
- Case study on electric fleet management strategy
- Collection of vehicle and charger data
- Community outreach and workforce training

The total budget is about \$100 million. The participating cities and South Coast AQMD will contribute to the 50% cost share.

South Coast AQMD would like to request \$3 million from MSRC to support the two proposals to share the cost for the vehicles and equipment in the South Coast region.