



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

**AGENDA**

**Thursday, January 12, 2023 at 1:30 p.m.**

Pursuant to [Assembly Bill 361](#), the MSRC-TAC meeting will only be conducted via video conferencing and by telephone. Please follow the instructions below to join the meeting remotely; teleconference locations do not need to be disclosed nor open to the public.

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

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**Committee Members**

**MSRC-TAC Chair**

Steven Lee  
Representing Los Angeles MTA

**MSRC-TAC Vice-Chair**

Kelly Lynn  
Alternate: Cheryl Wilson  
Representing San Bernardino Transportation Authority

**MSRC-TAC Members**

Steve Hillman  
Representing City of Los Angeles

Adriann Cardoso  
Alternate: Cliff Thorne  
Representing Orange County Transportation Authority

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

Jason Farin  
Representing Riverside County Board of Supervisors

Derek Winters, Jr.  
Representing California Air Resources Board

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

Ash Nikravan  
Alternate: Yuh Jiun Tan  
Representing South Coast AQMD

Yuritzzy Randle  
Alternate: Joseph Alcock  
Representing Cities of Orange County

Vacant  
Representing Cities of Los Angeles County

Denis Bilodeau  
Representing Orange County Board of Supervisors

Dan York  
Representing Cities of Riverside County

Vacant  
Representing San Bernardino County Board of Supervisors

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

Vacant  
Mechanical Expert

Sean O'Connor  
Representing Cities of San Bernardino County

Vacant  
Air Pollution Control Expert

Jack Garate  
Representing Regional Rideshare Agency

**CALL TO ORDER**

- Roll Call

Opening Comments: Steven Lee, MSRC-TAC Chair  
Other MSRC-TAC Members

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

**Receive and Approve**

- 1. Summary of Final Report by MSRC Contractor Gorski
  - Universal Waste Systems, Inc. Contract #MS18122 (\$195,000– Install New Limited Access CNG Infrastructure)

**Information Only - Receive and File**

- 2. MSRC Contracts Administrator’s Report Ravenstein

This report covers key issues addressed by MSRC staff, status of open contracts, and administrative scope changes from December 1, 2022 through January 4, 2023.
- 3. Financial Report on AB 2766 Discretionary Fund Pathak

Financial Report for November 2022.

**ACTION CALENDAR (Items 4 through 9)**

- 4. Consider Reduced Scope and Value and 4-Month Term Extension by City of South Pasadena, Contract #ML16025 (\$160,000 – Purchase One Heavy-Duty Natural Gas Vehicle and Expand Existing CNG Station) Ravenstein

The natural gas vehicles that the City purchased during this period did not meet the Local Match Program’s specifications to qualify as heavy-duty. The City requests to eliminate the tasks and \$30,000 associated with the vehicle purchase. The City completed the expansion of the CNG station, but was delayed due to additional time needed by their contractor for delivery of materials and equipment and additional time needed for Southern California Edison to work on the project. After previously having been granted extensions totaling 18 months, the City requests a 4-month term extension in order to fulfill the required five-year operational period. The MSRC Contracts Administrator recommends approval.

5. Consider 9-Month Term Extension by Los Angeles Department of Water and Power (LADWP), Contract #ML16022 (\$240,000 – Purchase 8 Heavy-Duty Natural Gas Vehicles) Ravenstein

LADWP indicates that a supply chain issue with the hydraulic cylinders, which are integral to the entire build of the tree trimming vehicles, has delayed the project. These issues are now being resolved. After previously having been granted extensions totaling 42 months, LADWP requests a 9-month term extension in order to get all vehicles in service and fulfill the required five-year operational period. The MSRC Contracts Administrator recommends approval, contingent on this being the final extension.

6. Consider One-Year Term Extension by City of South Gate, Contract #ML18146 (\$127,400 - Procure 5 Light-Duty Zero Emission Vehicles and Install Electric Vehicle Charging Infrastructure) Ravenstein

The City indicates that they have been actively pursuing construction of the charging station project for several months. However, the lowest bidder in response to their first advertisement was not able to proceed due to a dramatic increase in the purchase price of the units. The City re-advertised the project. Having previously received a two-year term extension, the City requests a one-year term extension in order to complete construction and fulfill the required three-year operational period. The MSRC Contracts Administrator recommends approval, contingent on this being the final extension.

7. Consider 38-Month Term Extension by City of Carson, Contract #ML18057 (\$106,250 – Procure 5 Light-Duty Zero Emission Vehicles and Install Electric Vehicle Charging Infrastructure) Ravenstein

The City requests review of an extension request to August 31, 2026—approximately a 38-month extension—which has been denied by the MSRC Contracts Administrator. The City indicates that the work associated with the installation of the charging stations was delayed due to issues arising from the COVID-19 pandemic, staffing turnover, and changes in management and priorities. This would be the first extension on this contract.

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

In September 2022, SCAG informed MSRC that three of the previously-approved projects had withdrawn. The Contract provides that if a Project Participant withdraws, SCAG may request the MSRC to approve a reallocation of the funds assigned to that project to increase the scope of another Project on the approved list or to fund another project on SCAG's contingency list. In October 2022, the MSRC considered SCAG's requests and approved the reallocation of a portion of the funding, as well as reserving \$1,115,976 without immediate assignment to a specific project, contingent upon receipt of an additional reallocation request no later than February 17, 2023. SCAG has subsequently informed MSRC that an additional project with a funding allocation of \$70,000 has withdrawn, and now requests reallocation of a total of \$1,185,976 to current Project Participant Zeem Solutions. The increase in funding would augment Zeem Solutions' scope by increasing vehicle and infrastructure deliverables as described in the staff report.

## **FYs 2021-24 WORK PROGRAM**

9. Consider Clean Transportation Funding™ Award to the City of South Pasadena for Implementation of the South Pasadena Police Patrol Vehicle Electrification Program Le

Program Opportunity Notice No. PON2022-01, released on May 6, 2022, sought concepts for new and innovative transportation strategies that go “above and beyond” traditional transportation demand strategies. Based upon the MSRC’s review of project concepts submitted in response to the PON, the MSRC requested a full proposal from the City of South Pasadena for the implementation of a zero-emission police patrol vehicle and supporting infrastructure project. The City of South Pasadena submitted the requested proposal on November 8, 2022. The proposal seeks \$499,789 in MSRC Clean Transportation Funding™ for the implementation of the South Pasadena Police Patrol Electrification Program. This proposal has been reviewed by the MSRC-TAC Innovative Transportation Subcommittee and is recommended for approval as discussed in the attached staff report.

## **OTHER BUSINESS**

10. *\*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)* Lee

## **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: February 2, 2023, 1:30 PM, Location: TBD**

**Americans with Disabilities Act and Language Accessibility**

*Disability and language-related accommodations can be requested to allow participation in the MSRC-TAC meeting. The agenda will be made available, upon request, in appropriate alternative formats to assist persons with a disability (Gov't Code Section 54954.2(a)). In addition, other documents may be requested in alternative formats and languages. Any disability or language-related accommodation must be requested as soon as practicable. Requests will be accommodated unless providing the accommodation would result in a fundamental alteration or undue burden to the District. Please contact Maria Allen at (909) 396-2714 from 7:00 a.m. to 5:30 p.m., Tuesday through Friday, or send the request to [mallen@aqmd.gov](mailto:mallen@aqmd.gov)*

**Pursuant to SB 343**

*All documents (i) constituting non-exempt public records, (ii) relating to an item on an agenda for a regular meeting, and (iii) having been distributed to at least a majority of the Committee after the Agenda is posted, are available by contacting Maria Allen at (909) 396-2714 or send the request to [mallen@aqmd.gov](mailto:mallen@aqmd.gov)*

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

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**INSTRUCTIONS FOR 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:**

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**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.

1/12/23 MSRC-TAC Meeting

Agenda Item #1

Summary of Final Report by MSRC Contractor



MSRC-TAC Agenda Item No. 1

Date: January 12, 2023  
From: Ray Gorski, MSRC Technical Advisor  
Subject: Final Report Received and Reviewed

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

- Universal Waste Systems, Inc. Contract #MS18122 (\$195,000 – Installation of Renewable Natural Gas Fueling Infrastructure

A summary of the Final Report is attached. The MSRC staff has reviewed this Final Report and recommends approval.



Contractor: Universal Waste Systems, Inc.  
Contract Number: MS18122  
Contract Amount: \$195,000  
Title: Install Renewable Natural Gas Fueling Infrastructure

Project Overview: Universal Waste Systems, Inc. (UWS) installed a new Compressed Natural gas (CNG) refuse truck refueling station at its facility located at 10120 Miller Way in South Gate, California. The property is owned by the City of South Gate and leased to UWS through a long-term lease agreement.

The CNG station specifications called for 100% new equipment and a natural gas fuel comprised of greater than 50% renewable content. The station commenced operation in July of 2022 and is currently dispensing 100% renewable natural gas through a purchase agreement with Tru-star Energy. The fueling station consists of the following equipment at the South Gate site:

1. New gas line and meter installed by Sol Cal Gas;
2. Compressor providing at least 900 standard cubic feet per minute (SCFM) of combed compression capability;
3. Thirty (30) dual-hose time fill posts with hoses for a total fueling capability of 60 trucks;
4. One (1) dual-hose fast-fill fuel dispenser;
5. Six (6) storage tanks to provide buffer storage.

The UWS personnel assembled a team of experts to assist in the design, engineering, permitting, equipment selection, civil construction, station installation, and commissioning of the facility. UWS worked closely with all of the trades to ensure that the station would meet the grant requirements, as well as the desired fueling station capabilities for UWS.

The project was implemented in five (5) phases. Phase One of the project included CNG station design, engineering, and permitting. UWS enlisted the following companies to assist in preparing the station for the construction phase:

- Corry Engineering - Corry performed the required land use design and permitting to have the site comply with the local City of South Gate design requirements to construct the facility. Corry Engineering initial work was to prepare a topographic survey and easement and boundary assessment to lay-out where the station would be on the site and ensure that it did not infringe on any existing easements or property lines. This work including identifying where the Edison Electric lines where and how to get power to the station without interfering with any of the existing easements. The final drawing that would be used for the City permitting included the oil line easement, overlaying the Edison easement on the topographic map, recommending the relocation of an Edison power pole, and

staking the site in order for power to be delivered to the fueling station without risk of damage from the trucks operating on the site.

- OBM Electrical Engineers - OBM was responsible for preparing the overall electrical design for the facility, which included upgrading the electrical panel, rerouting the electrical power lines to the new panel, as well as creating a plan for the trenching of the new power lines. OBM prepared the power requirements needed to power the fueling station and ultimately prepared the final plan for submittal to the City for review and approval.
- Furuto Rubio & Associates - Furuto was responsible for the permit activity with the City of South Gate. Mr. Furuto finalized the plans with the help of the engineers and obtained the building permit for the fueling station.
- Costa & Associates - Costa was hired to provide the structural engineering of the slab and foundation for the fueling station, as well as the canopy that would ultimately be installed above the facility.
- Fuel Solutions, Inc. - Fuel Solutions was hired to perform the mechanical design and planning for the fueling station and to prepare a permit ready set of drawings for the City of South Gate planning department. This work included the design and calculations associated with the piping to deliver the compressed natural gas from the fueling station to the dual post fuel hoses.

Phase Two included procurement of station equipment. Tru- star Energy and Eco Fuel Solutions provided the equipment, as detailed below:

- Tru-star Energy - The majority of the equipment for the fueling station was provided by Tru-star and consisted of the following components:
  - ANGI 300 JGQ 200hp compressor 922 SCFM
  - ANGI Single 200 hp motor start panel
  - ANGI inlet dryer
  - ANGI time fill panel
  - Tru-star 6,840 cubic feet of buffer storage
  - Emerson 050 CNG flow meter
  - Communication Panel
  - Time fill filter posts with dual filters

The original application was written in 2017 with MSRC contract award made in 2018. The original application proposed installation of two smaller compressors in order to meet the 900 + SCFM throughput requirement. However, when the station equipment was procured in 2020, availability issues with specified compressors were encountered. UWS was able to identify a larger

compressor that was able to meet the required SCFM stated in the application. Because the unit was available through Tru-star Energy, UWS elected to purchase the larger single compressor capable of generating the proposed amount of SCFM in order to meet the contractual requirements.

- Eco Fuel Solutions, LLC - Eco Fuel Solutions provided additional buffer storage to ensure adequate fuel capacity, as well as the complete hose assemblies to deliver the fuel from stainless steel lines to the nozzle attached to the trucks. Below is a summary of the equipment:
  - ASME 3-pack Buffer Storage
  - 16 - 20' hose assemblies
  - 16 - 30' hose assemblies
  - 28 - 35' hose assemblies

Phase Three of the project included CNG fueling station construction and preparation for commissioning. Construction was performed by Ryan Davidson Construction, with assistance from subcontractors that performed specific tasks outside the scope of the general contractor:

- Silva's Backhoe Service perform the trenching for the electrical lines and the fuel delivery to the CNG posts.
- Stahovich Construction was responsible for the civil work which consisted of laying out the fuel station pad, installing conduits for the delivery of the electrical wiring, and pouring the concrete pad upon which the CNG station equipment was installed.
- J&T Plumbing Pro's installed the fueling posts, stainless steel lines, and made all connections. Once all the equipment was installed and connected, J&T's performed a leak test by pressurizing the system to ensure that there were no leaks.
- Ryan Davidson Construction acted as the General Contractor and performed the majority of the work to install the equipment and prepare it for commissioning. The tasks handled by Davidson Construction are as follows:
  - All electrical wiring and connects from the NEMA 3R panel to the fueling station
  - Upgrade and install new electrical switch gear in order to improve the electrical service to support the new CNG station
  - Install a new concrete pad for the NEMA R3 panel and switch gear
  - Install a new electrical panel, wiring and connections to power the fueling station
  - Install lighting fixtures around the fueling station in order to provide adequate lighting

- Install a new sub-panel at the fueling station compound to house all of the electrical breakers
- Set and install the CNG compressor, inlet dryer, motor start panel, time fill panel, buffer storage, flow meter and communication panel
- Install all of the hose posts and hoses for the trucks in order to prepare them for connection by the plumber

Phase Four of the project involved coordination with Southern California Gas Company to connect the new CNG station to the gas line in order to commission the station and begin fuel delivery. It was necessary for SoCalGas to improve the size of the gas line to ensure that the station would have adequate flow of gas to operate properly. This required the Gas Company to perform what they term a “betterment project”, which increases the size of the gas line on Miller Way as well as from the delivery point off of Garfield just south of the facility. This project was requested in 2019 after the gas assessment was completed and ultimately completed in late 2021.

The final Phase 5 of the project was to commission the station for operation. This included a final test of the time fill hoses in order to ensure that they could handle the 3,500 psi pressure that would be required to fuel the trucks. This testing was completed by Fastech Construction and Station Maintenance in March 2022 and was deemed successful.

Once the pressure testing was completed, UWS reached out to Compressor Design and Services to perform the commissioning of the station. Station was commissioned on July 19, 2022, and the station was deemed operational and ready to fuel the UWS compressed natural gas trucks with renewable natural gas.



1/12/23 MSRC-TAC Meeting

Agenda Item #2

MSRC Contracts Administrator's Report

MSRC-TAC Agenda Item No. 2

**DATE:** January 12, 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 December 1, 2022 to January 4, 2023.

**RECOMMENDATION:** Receive and file report

**WORK PROGRAM IMPACT:** None

**Contract Execution Status**

**2018-21 Work Program**

On April 5, 2019, the SCAQMD Governing Board approved an award under the Major Event Center Transportation Program. This contract is executed.

On September 6, 2019, the SCAQMD Governing Board approved an award under the Major Event Center Transportation Program. This contract is executed.

On December 6, 2019, the SCAQMD Governing Board approved an award under the Major Event Center Transportation Program. This contract is executed.

On September 4, 2020, the SCAQMD Governing Board approved an award under the Last Mile component of the MSRC's Regional Goods Movement Program. This contract is executed.

On April 2, 2021, the SCAQMD Governing Board approved five awards under the Zero and Near-Zero Emission Cargo Handling Equipment at Warehouse, Distribution and Intermodal Facilities in Riverside and San Bernardino Counties Program and ten awards under the Zero and Near-Zero Emission Trucking to Warehouse, Distribution and Intermodal Facilities in Riverside and San Bernardino Counties Program. These contracts are with the prospective contractor for signature or executed.

On June 4, 2021, the SCAQMD Governing Board approved an award under the Major Event Center Transportation Program. This award has been declined.

**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 with the prospective contractor for signature.

### **Work Program Status**

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

#### ***FY 2010-11 Work Program Contracts***

One contract from this Work Program year is open.

#### ***FY 2010-11 Invoices Paid***

No invoices were paid during this period.

#### ***FY 2011-12 Work Program Contracts***

4 contracts are in “Open/Complete” status, having completed all obligations except operations. One contract moved into “Open/Complete” status during this period: City of Baldwin Park, Contract #ML12045 – Install New 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 12 are in “Open/Complete” status.

#### ***FYs 2012-14 Invoices Paid***

No invoices were paid during this period.

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

17 contracts from this Work Program year are open, and 23 are in “Open/Complete” status. 4 contracts closed during this period: City of Carson, Contract #ML16012 – Purchase 2 Heavy-Duty Natural Gas Vehicles; City of Los Angeles, Contract #ML16016 – Purchase 21 Heavy-Duty Natural Gas Vehicles; City of Highland, Contract #ML16071 – Implement a “Complete Streets” Pedestrian Project; Walnut Valley Unified School District, Contract #MS16097 – Expand CNG Station & Modify Maintenance Facility. The City of Eastvale’s Contract #ML16040, which had been designated with “Open/Complete” status, was moved back to open status during this period due to the MSRC’s approval of the City’s request to utilize unexpended contract funds to expand the scope of their project.

#### ***FYs 2014-16 Invoices Paid***

No invoices were paid during this period.

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

64 contracts from this Work Program year are open, and 52 are in “Open/Complete” status. 7 contracts closed during this period: City of Westlake Village, Contract #ML18035 – Install EV Charging Infrastructure; City of Garden Grove, Contract #ML18052 – Procure 4 Light-Duty Zero Emission Vehicles and Install EV Charging Infrastructure; City of Paramount, Contract #ML18053 – Install EV Charging Infrastructure; City of Los Angeles, Contract #ML18131 – Procure 3 Light-Duty Zero Emission Vehicles; City of Maywood, Contract #ML18168 – Install EV Charging Infrastructure; County of Los Angeles, Contract #MS18114 – Install New Limited Access CNG



Station in La Crescenta; and County of Los Angeles, Contract #MS18116 – Install New Limited Access CNG Station in Downey.

*FYs 2016-18 Invoices Paid*

4 invoices totaling \$294,477.17 were paid during this period.

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

16 contracts from this Work Program year are open. Amazon Logistics declined the MSRC's \$4,157,710 award, and this funding has reverted to the AB 2766 Discretionary Fund.

*FYs 2018-21 Invoices Paid*

4 invoices totaling \$345,733.55 were paid during this period.

***Administrative Scope Changes***

2 administrative scope changes were initiated during the period from December 1, 2022 to January 4, 2023:

- City of Los Angeles, Contract #ML18082 (Purchase 8 Medium-duty ZEVs and Install EV Charging Infrastructure) – Specify Level III charging stations instead of Level II stations
- Riverside County Transportation Commission, Contract #MS18023 (Weekend Freeway Service Patrols) – 3-month no-cost term extension

**Attachments**

- FY 2010-11 through FYs 2018-21 (except FY 2009-10) Contract Status Reports
- FY 2010-11 through FYs 2018-21 (except FY 2009-10) Progress Report Tracking



## AB2766 Discretionary Fund Program Invoices

December 1, 2022 to January 4, 2023

Contract Admin.	MSRC Chair	MSRC Liaison	Finance	Contract #	Contractor	Invoice #	Amount
<i>2016-2018 Work Program</i>							
12/13/2022	12/15/2022	12/16/2022	12/16/2022	ML18055	City of Long Beach	23-003	\$23,547.17
12/8/2022	12/15/2022	12/16/2022	12/16/2022	ML18100	City of Brea	Final	\$56,500.00
12/8/2022	12/15/2022	12/16/2022		ML18031	City of Diamond Bar	1	\$38,930.00
12/20/2022	12/28/2022	1/3/2023		MS18122	Universal Waste Systems, Inc.	101	\$175,500.00
<b>Total: \$294,477.17</b>							
<i>2018-2021 Work Program</i>							
1/4/2023				MS21006	Geographics	22-23118	\$373.00
12/28/2022	12/28/2022	1/3/2023		MS21002	Better World Group Advisors	WG-MSRC3	\$6,873.55
12/14/2022	12/15/2022	12/16/2022		MS21002	Better World Group Advisors	WG-MSRC3	\$10,399.00
12/7/2022	12/15/2022	12/16/2022		MS21006	Geographics	22-23085	\$373.00
12/8/2022	12/15/2022	12/21/2022		MS21001	Los Angeles County MTA	87444_Rev_	\$328,088.00

**Total: \$346,106.55**

**Total This Period: \$640,583.72**



## FYs 2010-11 Through 2018-21 AB2766 Contract Status Report

1/4/2023

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
<b><i>FY 2010-2011 Contracts</i></b>									
<b><i>Open Contracts</i></b>									
ML11029	City of Santa Ana - Public Works Ag	9/7/2012	3/6/2020	3/6/2023	\$75,000.00	\$75,000.00	Install New LPG Station	\$0.00	Yes
<b>Total: 1</b>									
<b><i>Declined/Cancelled Contracts</i></b>									
ML11038	City of Santa Monica	5/18/2012	7/17/2018		\$400,000.00	\$0.00	Maintenance Facility Modifications	\$400,000.00	No
MS11013	Go Natural Gas, Inc.				\$150,000.00	\$0.00	New CNG Station - Huntington Beach	\$150,000.00	No
MS11014	Go Natural Gas, Inc.				\$150,000.00	\$0.00	New CNG Station - Santa Ana	\$150,000.00	No
MS11015	Go Natural Gas, Inc.				\$150,000.00	\$0.00	New CNG Station - Inglewood	\$150,000.00	No
MS11046	Luis Castro				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11047	Ivan Borjas				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11048	Phase II Transportation				\$1,080,000.00	\$0.00	Repower 27 Heavy-Duty Vehicles	\$1,080,000.00	No
MS11049	Ruben Caceras				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11050	Carlos Arrue				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11051	Francisco Vargas				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11053	Jose Ivan Soltero				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11054	Albino Meza				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11059	Go Natural Gas				\$150,000.00	\$0.00	New Public Access CNG Station - Paramoun	\$150,000.00	No
MS11063	Standard Concrete Products				\$310,825.00	\$0.00	Retrofit Two Off-Road Vehicles under Showc	\$310,825.00	No
MS11070	American Honda Motor Company				\$100,000.00	\$0.00	Expansion of Existing CNG Station	\$100,000.00	No
MS11072	Trillium USA Company DBA Californi				\$150,000.00	\$0.00	New Public Access CNG Station	\$150,000.00	No
MS11077	DCL America Inc.				\$263,107.00	\$0.00	Retrofit of 13 Off-Road Diesel Vehicles with	\$263,107.00	No
MS11083	Catrac Construction, Inc.				\$500,000.00	\$0.00	Install DECS on Eight Off-Road Vehicles	\$500,000.00	No
MS11084	Ivanhoe Energy Services and Develo				\$66,750.00	\$0.00	Retrofit One H.D. Off-Road Vehicle Under S	\$66,750.00	No
MS11088	Diesel Emission Technologies				\$32,750.00	\$0.00	Retrofit Three H.D. Off-Road Vehicles Under	\$32,750.00	No
MS11089	Diesel Emission Technologies				\$9,750.00	\$0.00	Retrofit One H.D. Off-Road Vehicle Under S	\$9,750.00	No
MS11090	Diesel Emission Technologies				\$14,750.00	\$0.00	Retrofit One H.D. Off-Road Vehicle Under S	\$14,750.00	No
<b>Total: 22</b>									
<b><i>Closed Contracts</i></b>									
ML11007	Coachella Valley Association of Gove	7/29/2011	7/28/2012		\$250,000.00	\$249,999.96	Regional PM10 Street Sweeping Program	\$0.04	Yes
ML11020	City of Indio	2/1/2013	3/31/2019	9/30/2020	\$15,000.00	\$9,749.50	Retrofit one H.D. Vehicles w/DECS, repower	\$5,250.50	Yes
ML11021	City of Whittier	1/27/2012	9/26/2018	6/26/2019	\$210,000.00	\$210,000.00	Purchase 7 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11022	City of Anaheim	3/16/2012	7/15/2018		\$150,000.00	\$150,000.00	Purchase of 5 H.D. Vehicles	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML11023	City of Rancho Cucamonga	4/20/2012	12/19/2018	9/19/2020	\$260,000.00	\$260,000.00	Expand Existing CNG Station, 2 H.D. Vehicl	\$0.00	Yes
ML11024	County of Los Angeles, Dept of Publi	12/5/2014	6/4/2022		\$90,000.00	\$90,000.00	Purchase 3 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11025	County of Los Angeles Department o	3/14/2014	9/13/2021		\$150,000.00	\$150,000.00	Purchase 5 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11026	City of Redlands	3/2/2012	10/1/2018		\$90,000.00	\$90,000.00	Purchase 3 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11027	City of Los Angeles, Dept. of General	5/4/2012	7/3/2015	1/3/2016	\$300,000.00	\$300,000.00	Maintenance Facility Modifications	\$0.00	Yes
ML11028	City of Glendale	1/13/2012	5/12/2018		\$300,000.00	\$300,000.00	Purchase 10 H.D. CNG Vehicles	\$0.00	Yes
ML11030	City of Fullerton	2/3/2012	3/2/2018		\$109,200.00	\$109,200.00	Purchase 2 Nat. Gas H.D. Vehicles, Retrofit	\$0.00	Yes
ML11031	City of Culver City Transportation De	12/2/2011	12/1/2018		\$300,000.00	\$300,000.00	Purchase 10 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML11032	City of Gardena	3/2/2012	9/1/2018	10/1/2020	\$102,500.00	\$102,500.00	Purchase Heavy-Duty CNG Vehicle, Install S	\$0.00	Yes
ML11033	City of Los Angeles, Bureau of Sanit	3/16/2012	1/15/2019		\$1,080,000.00	\$1,080,000.00	Purchase 36 LNG H.D. Vehicles	\$0.00	Yes
ML11034	City of Los Angeles Dept of General	5/4/2012	1/3/2019		\$630,000.00	\$630,000.00	Purchase 21 H.D. CNG Vehicles	\$0.00	Yes
ML11035	City of La Quinta	11/18/2011	11/17/2012		\$25,368.00	\$25,368.00	Retrofit 3 On-Road Vehicles w/DECS	\$0.00	Yes
ML11036	City of Riverside	1/27/2012	1/26/2019	3/26/2021	\$670,000.00	\$670,000.00	Install New CNG Station, Purchase 9 H.D. N	\$0.00	Yes
ML11037	City of Anaheim	12/22/2012	12/21/2019		\$300,000.00	\$300,000.00	Purchase 12 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11039	City of Ontario, Housing & Municipal	1/27/2012	9/26/2018		\$180,000.00	\$180,000.00	Purchase 6 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11040	City of South Pasadena	5/4/2012	1/3/2019	1/3/2022	\$30,000.00	\$30,000.00	Purchase 1 Nat. Gas H.D. Vehicle	\$0.00	Yes
ML11041	City of Santa Ana - Public Works Ag	9/7/2012	11/6/2018	1/6/2021	\$265,000.00	\$244,651.86	Purchase 7 LPG H.D. Vehicles, Retrofit 6 H.	\$20,348.14	Yes
ML11042	City of Chino	2/17/2012	4/16/2018		\$30,000.00	\$30,000.00	Purchase 1 Nat. Gas H.D. Vehicle, Repower	\$0.00	Yes
ML11043	City of Hemet Public Works	2/3/2012	2/2/2019		\$60,000.00	\$60,000.00	Purchase 2 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML11044	City of Ontario, Housing & Municipal	1/27/2012	6/26/2019		\$400,000.00	\$400,000.00	Expand Existing CNG Station	\$0.00	Yes
ML11045	City of Newport Beach	2/3/2012	8/2/2018	3/2/2021	\$30,000.00	\$30,000.00	Purchase 1 Nat. Gas H.D. Vehicle	\$0.00	Yes
MS11001	Mineral LLC	4/22/2011	4/30/2013	4/30/2015	\$111,827.00	\$103,136.83	Design, Develop, Host and Maintain MSRC	\$8,690.17	Yes
MS11002	A-Z Bus Sales, Inc.	7/15/2011	12/31/2011	6/30/2013	\$1,705,000.00	\$1,705,000.00	Alternative Fuel School Bus Incentive Progra	\$0.00	Yes
MS11003	BusWest	7/26/2011	12/31/2011	12/31/2012	\$1,305,000.00	\$1,305,000.00	Alternative Fuel School Bus Incentive Progra	\$0.00	Yes
MS11004	Los Angeles County MTA	9/9/2011	2/29/2012		\$450,000.00	\$299,743.34	Clean Fuel Transit Service to Dodger Stadiu	\$150,256.66	Yes
MS11006	Orange County Transportation Autho	10/7/2011	2/29/2012	8/31/2012	\$268,207.00	\$160,713.00	Metrolink Service to Angel Stadium	\$107,494.00	Yes
MS11008	USA Waste of California, Inc.	10/24/2013	4/23/2020		\$125,000.00	\$125,000.00	Expansion of Existing LCNG Station	\$0.00	Yes
MS11009	USA Waste of California, Inc.	10/24/2013	4/23/2020		\$125,000.00	\$125,000.00	Expansion of Existing LCNG Station	\$0.00	Yes
MS11010	Border Valley Trading	8/26/2011	10/25/2017	4/25/2020	\$150,000.00	\$150,000.00	New LNG Station	\$0.00	Yes
MS11011	EDCO Disposal Corporation	12/30/2011	4/29/2019		\$100,000.00	\$100,000.00	New CNG Station - Signal Hill	\$0.00	Yes
MS11012	EDCO Disposal Corporation	12/30/2011	4/29/2019		\$100,000.00	\$100,000.00	New CNG Station - Buena Park	\$0.00	Yes
MS11016	CR&R Incorporated	4/12/2013	10/11/2019		\$100,000.00	\$100,000.00	New CNG Station - Perris	\$0.00	Yes
MS11017	CR&R, Inc.	3/2/2012	2/1/2018		\$100,000.00	\$100,000.00	Expansion of existing station - Garden Grove	\$0.00	Yes
MS11018	Orange County Transportation Autho	10/14/2011	1/31/2012		\$211,360.00	\$211,360.00	Express Bus Service to Orange County Fair	\$0.00	Yes
MS11019	City of Corona	11/29/2012	4/28/2020		\$225,000.00	\$225,000.00	Expansion of Existing CNG Station	\$0.00	Yes
MS11052	Krisda Inc	9/27/2012	6/26/2013		\$120,000.00	\$120,000.00	Repower Three Heavy-Duty Vehicles	\$0.00	Yes
MS11055	KEC Engineering	2/3/2012	8/2/2018	8/2/2019	\$200,000.00	\$200,000.00	Repower 5 H.D. Off-Road Vehicles	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS11056	Better World Group Advisors	12/30/2011	12/29/2013	12/29/2015	\$206,836.00	\$186,953.46	Programmatic Outreach Services	\$19,882.54	Yes
MS11057	Riverside County Transportation Co	7/28/2012	3/27/2013		\$100,000.00	\$89,159.40	Develop and Implement 511 "Smart Phone"	\$10,840.60	Yes
MS11058	L A Service Authority for Freeway E	5/31/2013	4/30/2014		\$123,395.00	\$123,395.00	Implement 511 "Smart Phone" Application	\$0.00	Yes
MS11060	Rowland Unified School District	8/17/2012	1/16/2019	1/16/2020	\$175,000.00	\$175,000.00	New Limited Access CNG Station	\$0.00	Yes
MS11061	Eastern Municipal Water District	3/29/2012	5/28/2015		\$11,659.00	\$1,450.00	Retrofit One Off-Road Vehicle under Showca	\$10,209.00	Yes
MS11062	Load Center	9/7/2012	1/6/2016	12/6/2016	\$175,384.00	\$169,883.00	Retrofit Six Off-Road Vehicles under Showca	\$5,501.00	Yes
MS11065	Temecula Valley Unified School Distr	8/11/2012	1/10/2019		\$50,000.00	\$48,539.62	Expansion of Existing CNG Station	\$1,460.38	Yes
MS11066	Torrance Unified School District	11/19/2012	9/18/2018		\$42,296.00	\$42,296.00	Expansion of Existing CNG Station	\$0.00	Yes
MS11067	City of Redlands	5/24/2012	11/23/2018	11/23/2019	\$85,000.00	\$85,000.00	Expansion of Existing CNG Station	\$0.00	Yes
MS11068	Ryder System Inc.	7/28/2012	10/27/2018		\$175,000.00	\$175,000.00	New Public Access L/CNG Station (Fontana)	\$0.00	Yes
MS11069	Ryder System Inc.	7/28/2012	8/27/2018		\$175,000.00	\$175,000.00	New Public Access L/CNG Station (Orange)	\$0.00	Yes
MS11071	City of Torrance Transit Department	12/22/2012	1/21/2019	1/21/2020	\$175,000.00	\$175,000.00	New Limited Access CNG Station	\$0.00	Yes
MS11073	Los Angeles Unified School District	9/11/2015	2/10/2022		\$175,000.00	\$175,000.00	Expansion of Existing CNG Station	\$0.00	Yes
MS11074	SunLine Transit Agency	5/11/2012	7/31/2012		\$41,849.00	\$22,391.00	Transit Service for Coachella Valley Festival	\$19,458.00	Yes
MS11079	Bear Valley Unified School District	2/5/2013	10/4/2019		\$175,000.00	\$175,000.00	New Limited Access CNG Station	\$0.00	Yes
MS11080	Southern California Regional Rail Aut	4/6/2012	7/31/2012		\$26,000.00	\$26,000.00	Metrolink Service to Auto Club Speedway	\$0.00	Yes
MS11086	DCL America Inc.	6/7/2013	10/6/2016		\$500,000.00	\$359,076.96	Retrofit Eight H.D. Off-Road Vehicles Under	\$140,923.04	Yes
MS11087	Cemex Construction Material Pacific,	10/16/2012	2/15/2016		\$448,766.00	\$448,760.80	Retrofit 13 H.D. Off-Road Vehicles Under Sh	\$5.20	Yes
MS11092	Griffith Company	2/15/2013	6/14/2016	12/14/2017	\$390,521.00	\$78,750.00	Retrofit 17 H.D. Off-Road Vehicles Under Sh	\$311,771.00	Yes

**Total: 60**

**Closed/Incomplete Contracts**

MS11064	City of Hawthorne	7/28/2012	8/27/2018	8/27/2019	\$175,000.00	\$0.00	New Limited Access CNG Station	\$175,000.00	No
MS11076	SA Recycling, LLC	5/24/2012	9/23/2015		\$424,801.00	\$0.00	Retrofit of 13 Off-Road Diesel Vehicles with	\$424,801.00	No
MS11081	Metropolitan Stevedore Company	9/7/2012	1/6/2016		\$45,416.00	\$0.00	Install DECS on Two Off-Road Vehicles	\$45,416.00	No
MS11082	Baumot North America, LLC	8/2/2012	12/1/2015		\$65,958.00	\$4,350.00	Install DECS on Four Off-Road Vehicles	\$61,608.00	Yes
MS11085	City of Long Beach	8/23/2013	12/22/2016		\$159,012.00	\$0.00	Retrofit Seven H.D. Off-Road Vehicles Unde	\$159,012.00	No
MS11091	California Cartage Company, LLC	4/5/2013	8/4/2016	2/4/2018	\$55,000.00	\$0.00	Retrofit Two H.D. Off-Road Vehicles Under	\$55,000.00	No

**Total: 6**

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

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

ML12016	City of Cathedral City	1/4/2013	10/3/2019		\$60,000.00	\$0.00	CNG Vehicle & Electric Vehicle Infrastructur	\$60,000.00	No
ML12038	City of Long Beach Public Works				\$26,000.00	\$0.00	Electric Vehicle Charging Infrastructure	\$26,000.00	No
ML12040	City of Duarte				\$30,000.00	\$0.00	One Heavy-Duty Nat. Gas Vehicle	\$30,000.00	No
ML12044	County of San Bernardino Public Wor				\$250,000.00	\$0.00	Install New CNG Station	\$250,000.00	No
ML12048	City of La Palma	1/4/2013	11/3/2018		\$20,000.00	\$0.00	Two Medium-Duty LPG Vehicles	\$20,000.00	No
ML12052	City of Whittier	3/14/2013	7/13/2019		\$165,000.00	\$0.00	Expansion of Existing CNG Station	\$165,000.00	No
ML12053	City of Mission Viejo				\$60,000.00	\$0.00	EV Charging Infrastructure	\$60,000.00	No
ML12090	City of Palm Springs	10/9/2015	10/8/2021	9/8/2025	\$21,163.00	\$0.00	EV Charging Infrastructure	\$21,163.00	No
MS12007	WestAir Gases & Equipment				\$100,000.00	\$0.00	Construct New Limited-Access CNG Station	\$100,000.00	No
MS12027	C.V. Ice Company, Inc.	5/17/2013	11/16/2019		\$75,000.00	\$0.00	Purchase 3 Medium-Heavy Duty Vehicles	\$75,000.00	No
MS12030	Complete Landscape Care, Inc.				\$150,000.00	\$0.00	Purchase 6 Medium-Heavy Duty Vehicles	\$150,000.00	No
MS12067	Leatherwood Construction, Inc.	11/8/2013	3/7/2017		\$122,719.00	\$0.00	Retrofit Six Vehicles w/DECS - Showcase III	\$122,719.00	No
MS12070	Valley Music Travel/CID Entertainme				\$99,000.00	\$0.00	Implement Shuttle Service to Coachella Musi	\$99,000.00	No

**Total: 13**

#### **Closed Contracts**

ML12013	City of Pasadena	10/19/2012	3/18/2015	9/18/2015	\$200,000.00	\$65,065.00	Electric Vehicle Charging Infrastructure	\$134,935.00	Yes
ML12014	City of Santa Ana - Public Works Ag	11/8/2013	8/7/2020	2/7/2022	\$338,000.00	\$255,977.50	9 H.D. Nat. Gas & LPG Trucks, EV Charging	\$82,022.50	Yes
ML12015	City of Fullerton	4/25/2013	11/24/2020	11/24/2021	\$40,000.00	\$40,000.00	HD CNG Vehicle, Expand CNG Station	\$0.00	Yes
ML12017	City of Los Angeles, Bureau of Sanit	6/26/2013	5/25/2020	11/25/2021	\$950,000.00	\$950,000.00	32 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML12019	City of Palm Springs	9/6/2013	7/5/2015		\$38,000.00	\$16,837.00	EV Charging Infrastructure	\$21,163.00	Yes
ML12020	City of Los Angeles Dept of General	9/27/2012	3/26/2019	3/26/2020	\$450,000.00	\$450,000.00	15 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML12021	City of Rancho Cucamonga	9/14/2012	1/13/2020		\$40,000.00	\$40,000.00	Four Medium-Duty Nat. Gas Vehicles	\$0.00	Yes
ML12022	City of La Puente	12/6/2013	6/5/2020		\$110,000.00	\$110,000.00	2 Medium-Duty and Three Heavy-Duty CNG	\$0.00	Yes
ML12023	County of Los Angeles Internal Servi	8/1/2013	2/28/2015		\$250,000.00	\$192,333.00	EV Charging Infrastructure	\$57,667.00	Yes
ML12037	Coachella Valley Association of Gove	3/14/2013	3/13/2014		\$250,000.00	\$250,000.00	Street Sweeping Operations	\$0.00	Yes
ML12039	City of Redlands	2/8/2013	10/7/2019		\$90,000.00	\$90,000.00	Three Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML12041	City of Anaheim Public Utilities Depar	4/4/2014	11/3/2015	11/3/2017	\$68,977.00	\$38,742.16	EV Charging Infrastructure	\$30,234.84	Yes
ML12042	City of Chino Hills	1/18/2013	3/17/2017		\$87,500.00	\$87,500.00	Expansion of Existing CNG Station	\$0.00	Yes
ML12043	City of Hemet	6/24/2013	9/23/2019	11/23/2021	\$30,000.00	\$30,000.00	One Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML12046	City of Irvine	8/11/2013	3/10/2021		\$30,000.00	\$30,000.00	One Heavy-Duty Nat. Gas Vehicle	\$0.00	Yes
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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 Stadiu	\$88,830.00	Yes
MS12002	Orange County Transportation Autho	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 Autho	7/20/2012	2/28/2013		\$234,669.00	\$167,665.12	Implement Metrolink Service to Angel Stadiu	\$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 Distric	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 Distr	12/20/2012	5/19/2014		\$75,000.00	\$75,000.00	Vehicle Maintenance Facility Modifications	\$0.00	Yes
MS12024	Southern California Gas Company	6/13/2013	12/12/2019	11/12/2020	\$150,000.00	\$150,000.00	Construct New Public-Access CNG Station -	\$0.00	Yes
MS12025	Silverado Stages, Inc.	11/2/2012	7/1/2018		\$150,000.00	\$150,000.00	Purchase Six Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12026	U-Haul Company of California	3/14/2013	3/13/2019		\$500,000.00	\$353,048.26	Purchase 23 Medium-Heavy Duty Vehicles	\$146,951.74	Yes
MS12028	Dy-Dee Service of Pasadena, Inc.	12/22/2012	1/21/2019		\$45,000.00	\$40,000.00	Purchase 2 Medium-Duty and 1 Medium-He	\$5,000.00	Yes
MS12029	Community Action Partnership of Ora	11/2/2012	11/1/2018		\$25,000.00	\$14,850.00	Purchase 1 Medium-Heavy Duty Vehicle	\$10,150.00	Yes
MS12031	Final Assembly, Inc.	11/2/2012	11/1/2018		\$50,000.00	\$32,446.00	Purchase 2 Medium-Heavy Duty Vehicles	\$17,554.00	Yes
MS12032	Fox Transportation	12/14/2012	12/13/2018		\$500,000.00	\$500,000.00	Purchase 20 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12033	Mike Diamond/Phace Management S	12/22/2012	12/21/2018	6/21/2021	\$148,900.00	\$148,900.00	Purchase 20 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12034	Ware Disposal Company, Inc.	11/2/2012	11/1/2018	5/1/2022	\$133,070.00	\$133,070.00	Purchase 8 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12035	Disneyland Resort	1/4/2013	7/3/2019		\$25,000.00	\$18,900.00	Purchase 1 Medium-Heavy Duty Vehicle	\$6,100.00	Yes
MS12036	Jim & Doug Carter's Automotive/VSP	1/4/2013	11/3/2018		\$50,000.00	\$50,000.00	Purchase 2 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12058	Krisda Inc	4/24/2013	1/23/2019		\$25,000.00	\$25,000.00	Repower One Heavy-Duty Off-Road Vehicle	\$0.00	Yes
MS12059	Orange County Transportation Autho	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 Autho	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
MS12064	Anaheim Transportation Network	3/26/2013	12/31/2014		\$127,296.00	\$56,443.92	Implement Anaheim Circulator Service	\$70,852.08	Yes
MS12065	Orange County Transportation Autho	7/27/2013	11/30/2013		\$43,933.00	\$14,832.93	Ducks Express Service to Honda Center	\$29,100.07	Yes
MS12068	Southern California Regional Rail Aut	3/1/2013	9/30/2013		\$57,363.00	\$47,587.10	Implement Metrolink Service to Autoclub Sp	\$9,775.90	Yes
MS12069	City of Irvine	8/11/2013	2/28/2014		\$45,000.00	\$26,649.41	Implement Special Transit Service to Solar D	\$18,350.59	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
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: 71**

**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**

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
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
MS12082	City of Los Angeles, Bureau of Sanit	11/20/2013	2/19/2021	2/19/2023	\$175,000.00	\$175,000.00	Install New CNG Infrastructure	\$0.00	Yes
MS12083	Brea Olinda Unified School District	7/30/2015	2/29/2024		\$59,454.00	\$59,454.00	Install New CNG Infrastructure	\$0.00	Yes

**Total: 4**



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

#### Open Contracts

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 Public	10/2/2015	5/1/2023	12/1/2025	\$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	4/4/2023	\$1,250,000.00	\$899,594.08	Implement Various Signal Synchronization P	\$350,405.92	No
MS14072	San Bernardino County Transportatio	3/27/2015	3/26/2018	3/26/2024	\$1,250,000.00	\$1,148,376.17	Implement Various Signal Synchronization P	\$101,623.83	No

**Total: 5**

#### Declined/Cancelled Contracts

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

**Total: 11**

#### Closed Contracts

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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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 County	\$0.00	Yes
MS14003	Orange County Transportation Autho	8/1/2013	4/30/2014	10/30/2014	\$194,235.00	\$184,523.00	Implement Metrolink Service to Angel Stadiu	\$9,712.00	Yes
MS14004	Orange County Transportation Autho	9/24/2013	4/30/2014		\$36,800.00	\$35,485.23	Implement Express Bus Service to Solar De	\$1,314.77	Yes
MS14005	Transit Systems Unlimited, Inc.	4/11/2014	2/28/2016		\$515,200.00	\$511,520.00	Provide Expanded Shuttle Service to Hollyw	\$3,680.00	Yes
MS14007	Orange County Transportation Autho	6/6/2014	4/30/2015		\$208,520.00	\$189,622.94	Implement Special Metrolink Service to Ange	\$18,897.06	Yes
MS14008	Orange County Transportation Autho	8/13/2014	5/31/2015		\$601,187.00	\$601,187.00	Implement Clean Fuel Bus Service to Orang	\$0.00	Yes
MS14009	A-Z Bus Sales, Inc.	1/17/2014	12/31/2014	3/31/2015	\$388,000.00	\$388,000.00	Alternative Fuel School Bus Incentive Progra	\$0.00	Yes
MS14037	Penske Truck Leasing Co., L.P.	4/7/2017	6/6/2020		\$75,000.00	\$75,000.00	Vehicle Maint. Fac. Modifications - Carson	\$0.00	Yes
MS14039	Waste Management Collection and R	7/10/2015	4/9/2016		\$75,000.00	\$75,000.00	Vehicle Maint. Fac. Modifications - Irvine	\$0.00	Yes
MS14040	Waste Management Collection and R	7/10/2015	4/9/2016		\$75,000.00	\$75,000.00	Vehicle Maint. Fac. Modifications - Santa An	\$0.00	Yes
MS14041	USA Waste of California, Inc.	9/4/2015	10/3/2021		\$175,000.00	\$175,000.00	Limited-Access CNG Station, Vehicle Maint.	\$0.00	Yes
MS14042	Grand Central Recycling & Transfer	6/6/2014	9/5/2021		\$150,000.00	\$150,000.00	Expansion of Existing CNG Station	\$0.00	Yes
MS14044	TIMCO CNG Fund I, LLC	5/2/2014	11/1/2020		\$150,000.00	\$150,000.00	New Public-Access CNG Station in Santa An	\$0.00	Yes
MS14045	TIMCO CNG Fund I, LLC	6/6/2014	12/5/2020		\$150,000.00	\$150,000.00	New Public-Access CNG Station in Inglewoo	\$0.00	Yes
MS14046	Ontario CNG Station Inc.	5/15/2014	5/14/2020	11/14/2021	\$150,000.00	\$150,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS14047	Southern California Regional Rail Aut	3/7/2014	9/30/2014		\$49,203.00	\$32,067.04	Special Metrolink Service to Autoclub Speed	\$17,135.96	Yes
MS14048	BusWest	3/14/2014	12/31/2014	5/31/2015	\$940,850.00	\$847,850.00	Alternative Fuel School Bus Incentive Progra	\$93,000.00	Yes
MS14052	Arcadia Unified School District	6/13/2014	10/12/2020		\$78,000.00	\$78,000.00	Expansion of an Existing CNG Fueling Statio	\$0.00	Yes
MS14053	Upland Unified School District	1/9/2015	7/8/2021		\$175,000.00	\$175,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS14058	Orange County Transportation Autho	11/7/2014	4/6/2016	4/6/2017	\$1,250,000.00	\$1,250,000.00	Implement Various Signal Synchronization P	\$0.00	Yes
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
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
MS14084	US Air Conditioning Distributors	5/7/2015	9/6/2021		\$100,000.00	\$100,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS14087	Orange County Transportation Autho	8/14/2015	4/30/2016		\$239,645.00	\$195,377.88	Implement Special Metrolink Service to Ange	\$44,267.12	Yes
MS14088	Southern California Regional Rail Aut	5/7/2015	9/30/2015		\$79,660.00	\$66,351.44	Special Metrolink Service to Autoclub Speed	\$13,308.56	Yes
MS14089	Top Shelf Consulting, LLC	1/18/2017	8/4/2016	3/31/2017	\$200,000.00	\$200,000.00	Enhanced Fleet Modernization Program	\$0.00	Yes
MS14090	City of Monterey Park	5/7/2015	5/6/2021		\$225,000.00	\$225,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes

**Total: 62**

#### 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
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
ML14025	County of Los Angeles Dept of Public	10/2/2015	7/1/2018	7/1/2024	\$300,000.00	\$300,000.00	Construct New CNG Station in Malibu	\$0.00	Yes
ML14026	County of Los Angeles Dept of Public	10/2/2015	5/1/2023	5/1/2024	\$300,000.00	\$300,000.00	Construct New CNG Station in Castaic	\$0.00	Yes
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 Dis	7/22/2016	11/21/2023		\$300,000.00	\$293,442.00	Expansion of Existing CNG Infrastructure/Ma	\$6,558.00	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
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
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

**Total: 12**

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

ML16006	City of Cathedral City	4/27/2016	4/26/2022	4/26/2023	\$25,000.00	\$0.00	Bicycle Outreach	\$25,000.00	No
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	No
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	9/4/2027	\$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	10/21/2024	\$160,000.00	\$0.00	Purchase H.D. Nat. Gas Vehicle, Expand Exi	\$160,000.00	No
ML16039	City of Torrance Transit Department	1/6/2017	9/5/2022	9/5/2024	\$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	7/5/2026	\$110,000.00	\$53,908.85	Install EV Charging Infrastructure	\$56,091.15	No
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
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	No
ML16057	City of Yucaipa	4/27/2016	1/26/2019	1/26/2023	\$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	4/24/2023	\$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	\$826,500.00	Repower 63 Existing Buses	\$118,500.00	No
MS16121	Long Beach Transit	11/3/2017	4/2/2024	11/30/2028	\$600,000.00	\$541,500.00	Repower 39 and Purchase 1 New Transit Bu	\$58,500.00	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: 17**

#### 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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML16009	City of Fountain Valley	10/6/2015	2/5/2018	5/5/2019	\$46,100.00	\$46,100.00	Install EV Charging Infrastructure	\$0.00	Yes
ML16011	City of Claremont	10/6/2015	6/5/2022		\$90,000.00	\$90,000.00	Purchase 3 Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML16012	City of Carson	1/15/2016	10/14/2022		\$60,000.00	\$60,000.00	Purchase 2 Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML16015	City of Yorba Linda	3/4/2016	11/3/2017		\$85,000.00	\$85,000.00	Install Bicycle Lanes	\$0.00	Yes
ML16016	City of Los Angeles Dept of General	2/5/2016	12/4/2022		\$630,000.00	\$630,000.00	Purchase 21 Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
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 Gove	4/27/2016	4/26/2018		\$250,000.00	\$250,000.00	Street Sweeping Operations in Coachella Val	\$0.00	Yes
ML16034	City of Riverside	3/11/2016	10/10/2018	7/10/2020	\$500,000.00	\$500,000.00	Implement a "Complete Streets" Pedestrian	\$0.00	Yes
ML16036	City of Brea	3/4/2016	12/3/2018		\$500,000.00	\$500,000.00	Install a Class 1 Bikeway	\$0.00	Yes
ML16037	City of Rancho Cucamonga	2/5/2016	11/4/2022		\$30,000.00	\$30,000.00	Purchase One Heavy-Duty Natural Gas Vehi	\$0.00	Yes
ML16038	City of Palm Springs	4/1/2016	7/31/2022	9/30/2022	\$170,000.00	\$60,000.00	Install Bicycle Lanes & Purchase 2 Heavy-D	\$110,000.00	Yes
ML16042	City of San Dimas	4/1/2016	12/31/2019	12/31/2021	\$55,000.00	\$55,000.00	Install EV Charging Infrastructure	\$0.00	No
ML16045	City of Anaheim	6/22/2016	8/21/2019		\$275,000.00	\$255,595.08	Maintenance Facility Modifications	\$19,404.92	Yes
ML16049	City of Buena Park	4/1/2016	11/30/2018		\$429,262.00	\$429,262.00	Installation of a Class 1 Bikeway	\$0.00	Yes
ML16050	City of Westminster	5/6/2016	7/5/2020	5/5/2022	\$115,000.00	\$93,925.19	Installation of EV Charging Infrastructure	\$21,074.81	Yes
ML16051	City of South Pasadena	2/12/2016	1/11/2017	12/11/2017	\$320,000.00	\$258,691.25	Implement "Open Streets" Event with Variou	\$61,308.75	Yes
ML16052	City of Rancho Cucamonga	9/3/2016	11/2/2019	3/31/2021	\$315,576.00	\$305,576.00	Install Two Class 1 Bikeways	\$10,000.00	Yes
ML16053	City of Claremont	3/11/2016	7/10/2018	12/10/2020	\$498,750.00	\$498,750.00	Implement a "Complete Streets" Pedestrian	\$0.00	Yes
ML16054	City of Yucaipa	3/26/2016	7/26/2018	10/25/2019	\$120,000.00	\$120,000.00	Implement a "Complete Streets" Pedestrian	\$0.00	Yes
ML16055	City of Ontario	5/6/2016	5/5/2022		\$270,000.00	\$270,000.00	Purchase Nine Heavy-Duty Natural-Gas Vehi	\$0.00	Yes
ML16056	City of Ontario	3/23/2016	9/22/2020	9/22/2021	\$106,565.00	\$106,565.00	Expansion of an Existing CNG Station	\$0.00	Yes
ML16059	City of Burbank	4/1/2016	2/28/2022		\$180,000.00	\$180,000.00	Purchase 6 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML16060	City of Cudahy	2/5/2016	10/4/2017		\$73,910.00	\$62,480.00	Implement an "Open Streets" Event	\$11,430.00	Yes
ML16061	City of Murrieta	4/27/2016	1/26/2020		\$11,642.00	\$9,398.36	Installation of EV Charging Infrastructure	\$2,243.64	Yes
ML16062	City of Colton	6/3/2016	7/2/2020		\$21,003.82	\$21,003.82	Installation of EV Charging Infrastructure	\$0.00	Yes
ML16063	City of Glendora	3/4/2016	4/3/2022		\$30,000.00	\$30,000.00	Purchase One H.D. Nat. Gas Vehicle	\$0.00	Yes
ML16064	County of Orange, OC Parks	2/21/2017	10/20/2018		\$204,073.00	\$157,632.73	Implement "Open Streets" Events with Vario	\$46,440.27	Yes
ML16066	City of Long Beach Public Works	1/13/2017	9/12/2018		\$75,050.00	\$63,763.62	Implement an "Open Streets" Event	\$11,286.38	Yes
ML16068	Riverside County Dept of Public Heal	12/2/2016	8/1/2018		\$171,648.00	\$171,648.00	Implement "Open Streets" Events with Vario	\$0.00	Yes
ML16069	City of West Covina	3/10/2017	6/9/2021		\$54,199.00	\$54,199.00	Installation of EV Charging Infrastructure	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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 Bic	\$1,195.28	Yes
ML16079	City of Yucaipa	4/1/2016	3/31/2020		\$5,000.00	\$5,000.00	Purchase Electric Lawnmower	\$0.00	Yes
ML16122	City of Wildomar	6/8/2018	6/7/2019		\$500,000.00	\$500,000.00	Install Bicycle Lanes	\$0.00	Yes
ML16126	City of Palm Springs	7/31/2019	7/30/2020	10/30/2020	\$22,000.00	\$19,279.82	Install Bicycle Racks, and Implement Bicycle	\$2,720.18	Yes
MS16001	Los Angeles County MTA	4/1/2016	4/30/2017		\$1,350,000.00	\$1,332,039.84	Clean Fuel Transit Service to Dodger Stadiu	\$17,960.16	Yes
MS16002	Orange County Transportation Autho	10/6/2015	5/31/2016		\$722,266.00	\$703,860.99	Clean Fuel Transit Service to Orange County	\$18,405.01	Yes
MS16003	Special Olympics World Games Los	10/9/2015	12/30/2015		\$380,304.00	\$380,304.00	Low-Emission Transportation Service for Sp	\$0.00	Yes
MS16004	Mineral LLC	9/4/2015	7/3/2017	1/3/2018	\$27,690.00	\$9,300.00	Design, Develop, Host and Maintain MSRC	\$18,390.00	Yes
MS16029	Orange County Transportation Autho	1/12/2018	6/11/2020		\$836,413.00	\$567,501.06	TCM Partnership Program - OC Bikeways	\$268,911.94	Yes
MS16030	Better World Group Advisors	12/19/2015	12/31/2017	12/31/2019	\$271,619.00	\$245,355.43	Programmic Outreach Services to the MSRC	\$26,263.57	Yes
MS16081	EDCO Disposal Corporation	3/4/2016	10/3/2022		\$150,000.00	\$150,000.00	Expansion of Existing Public Access CNG St	\$0.00	Yes
MS16084	Transit Systems Unlimited, Inc.	5/6/2016	2/28/2018		\$565,600.00	\$396,930.00	Implement Special Shuttle Service from Unio	\$168,670.00	Yes
MS16085	Southern California Regional Rail Aut	3/11/2016	9/30/2016		\$78,033.00	\$64,285.44	Special MetroLink Service to Autoclub Spee	\$13,747.56	Yes
MS16086	San Bernardino County Transportatio	9/3/2016	10/2/2021		\$800,625.00	\$769,021.95	Freeway Service Patrols	\$31,603.05	Yes
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
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: 67**

**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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
<b>Total: 5</b>									
<b>Open/Complete Contracts</b>									
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
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
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
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
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
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
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
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	No
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
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
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
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
<b>Total: 23</b>									



Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
<b>FY 2016-2018 Contracts</b>									
<b>Open Contracts</b>									
ML18030	City of Grand Terrace	6/28/2018	3/27/2022	3/27/2025	\$45,000.00	\$0.00	Install EVSE	\$45,000.00	No
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	\$0.00	Install EV Charging Stations	\$50,000.00	No
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
ML18046	City of Santa Ana - Public Works Ag	11/9/2018	7/8/2026		\$385,000.00	\$0.00	Purchase 6 Light-Duty ZEVs, 9 Heavy-Duty	\$385,000.00	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		\$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		\$94,624.00	\$0.00	Purchase 1 Medium-Duty ZEV and EV Char	\$94,624.00	No
ML18059	City of Glendale Water & Power	2/1/2019	7/31/2026		\$260,500.00	\$0.00	Install Electric Vehicle Charging Infrastructur	\$260,500.00	No
ML18060	County of Los Angeles Internal Servi	10/5/2018	8/4/2026	8/4/2028	\$1,367,610.00	\$599,306.31	Purchase 29 Light-Duty Zero Emission Vehic	\$768,303.69	No
ML18063	City of Riverside	6/7/2019	1/6/2027		\$383,610.00	\$0.00	Expand Existing CNG Stations	\$383,610.00	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	7/6/2025	\$83,500.00	\$0.00	Install EVSE	\$83,500.00	No
ML18068	City of Mission Viejo	7/31/2019	6/30/2027		\$125,690.00	\$10,000.00	Purchase 2 Light-Duty ZEVs, Install EVSE &	\$115,690.00	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
ML18080	City of Santa Monica	1/10/2019	12/9/2023	9/9/2025	\$121,500.00	\$44,288.92	Install EV Charging Stations	\$77,211.08	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 medium-duty ZEV	\$50,760.00	No
ML18091	City of Temecula	1/19/2019	7/18/2023		\$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		\$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		\$50,000.00	\$0.00	Install Two EV Charging Stations	\$50,000.00	No
ML18099	City of Laguna Hills	3/1/2019	5/31/2023		\$32,250.00	\$0.00	Install EV Charging Stations	\$32,250.00	No
ML18100	City of Brea	10/29/2020	12/28/2024	7/28/2025	\$56,500.00	\$56,500.00	Install Twenty-Four Level II EV Charging Sta	\$0.00	Yes
ML18101	City of Burbank	2/1/2019	4/30/2024	10/30/2024	\$137,310.00	\$0.00	Install Twenty EV Charging Stations	\$137,310.00	No
ML18129	City of Yucaipa	12/14/2018	3/13/2023	3/13/2026	\$63,097.00	\$0.00	Install Six EV Charging Stations	\$63,097.00	No
ML18132	City of Montclair	4/5/2019	9/4/2023		\$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



Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
ML18141	City of Rolling Hills Estates	2/14/2020	1/13/2024	1/13/2025	\$40,000.00	\$10,000.00	Purchase One Light-Duty ZEV and Install Tw	\$30,000.00	No
ML18142	City of La Quinta	4/24/2019	2/23/2023	8/23/2023	\$51,780.00	\$0.00	Install Two EV Charging Stations	\$51,780.00	No
ML18144	City of Fontana Public Works	10/4/2019	12/3/2023		\$269,090.00	\$0.00	Install Twelve EVSEs	\$269,090.00	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	11/30/2025	\$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		\$50,000.00	\$0.00	Implement Bicycle Detection Measures	\$50,000.00	No
ML18151	County of San Bernardino Departme	8/25/2020	10/24/2029		\$200,000.00	\$150,000.00	Purchase Eight Heavy-Duty Near Zero Emis	\$50,000.00	No
ML18152	County of San Bernardino Flood Cont	8/11/2020	10/10/2029		\$108,990.00	\$75,000.00	Purchase Five Heavy-Duty Near Zero Emissi	\$33,990.00	No
ML18159	City of Rialto	12/13/2019	5/12/2024	5/12/2025	\$135,980.00	\$16,597.86	Purchase Nine Light-Duty ZEVs and EV Cha	\$119,382.14	No
ML18163	City of San Clemente	3/8/2019	12/7/2024	12/7/2025	\$85,000.00	\$70,533.75	Purchase Four Light-Duty ZEVs and EV Cha	\$14,466.25	No
ML18166	City of Placentia	2/18/2021	5/17/2027		\$25,000.00	\$0.00	Purchase One Heavy-Duty Near-Zero Emissi	\$25,000.00	No
ML18170	City of Laguna Niguel	1/10/2020	8/9/2028		\$75,100.00	\$0.00	Purchase One Light-Duty ZEV and EV Char	\$75,100.00	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	11/30/2027	\$25,000.00	\$0.00	Purchase One Heavy-Duty Near-Zero Emissi	\$25,000.00	No
MS18015	Southern California Association of G	7/13/2018	2/28/2021	5/31/2023	\$2,000,000.00	\$415,803.97	Southern California Future Communities Part	\$1,584,196.03	No
MS18023	Riverside County Transportation Co	6/28/2018	6/27/2021	3/31/2023	\$500,000.00	\$445,515.24	Weekend Freeway Service Patrols	\$54,484.76	No
MS18024	Riverside County Transportation Co	6/28/2018	8/27/2021	8/27/2023	\$1,500,000.00	\$812,660.00	Vanpool Incentive Program	\$687,340.00	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		\$2,000,000.00	\$2,000,000.00	Implement Metrolink Line Fare Discount Pro	\$0.00	No
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	No
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		\$116,000.00	\$0.00	Expansion of Existing Infrastructure & Train	\$116,000.00	No
MS18110	Mountain View Unified School District	2/1/2019	3/31/2025		\$275,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$275,000.00	No
MS18115	City of Commerce	6/7/2019	12/6/2025	7/6/2026	\$275,000.00	\$0.00	Expansion of Existing L/CNG Infrastructure	\$275,000.00	No
MS18122	Universal Waste Systems, Inc.	2/1/2019	3/31/2025	7/31/2027	\$200,000.00	\$175,500.00	Install New Limited Access CNG Infrastructu	\$24,500.00	No
MS18180	Omnitrans	8/4/2022	8/3/2023		\$83,000.00	\$0.00	Modify Vehicle Maintenance Facility and Trai	\$83,000.00	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: 64**

**Pending Execution Contracts**

MS18181	San Bernardino County Transportatio				\$1,662,000.00	\$0.00	Construct Hydrogen Fueling Station	\$1,662,000.00	No
MS18182	Air Products and Chemicals Inc.				\$1,000,000.00	\$0.00	Install Publicly Accessible Hydrogen Fueling	\$1,000,000.00	No

**Total: 2**

**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
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Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML18053	City of Paramount	9/7/2018	3/6/2023		\$64,675.00	\$0.00	Install EV Charging Infrastructure	\$64,675.00	No
ML18075	City of Orange				\$25,000.00	\$0.00	One Heavy-Duty Vehicle	\$25,000.00	No
ML18140	City of Bell Gardens	12/14/2018	12/13/2028		\$50,000.00	\$0.00	Purchase Two Heavy-Duty Near-ZEVs	\$50,000.00	No
ML18149	City of Sierra Madre				\$50,000.00	\$0.00	Implement Bike Share Program	\$50,000.00	No
ML18150	City of South El Monte				\$20,000.00	\$0.00	Implement Bike Share Program	\$20,000.00	No
ML18153	City of Cathedral City	5/3/2019	4/2/2025		\$52,215.00	\$0.00	Install EV Charging Infrastructure	\$52,215.00	No
ML18158	City of Inglewood				\$146,000.00	\$0.00	Purchase 4 Light-Duty Zero Emission, 4 Hea	\$146,000.00	No
ML18164	City of Pomona				\$200,140.00	\$0.00	Purchase Three Heavy-Duty ZEVs	\$200,140.00	No
ML18165	City of Baldwin Park	2/1/2019	1/30/2024		\$49,030.00	\$0.00	Expand CNG Station	\$49,030.00	No
ML18172	City of Huntington Park	3/1/2019	2/28/2025		\$65,450.00	\$0.00	Purchase One Heavy-Duty ZEV	\$65,450.00	No
ML18174	City of Bell	11/22/2019	7/21/2026		\$25,000.00	\$0.00	Purchase One Heavy-Duty Near-Zero Emissi	\$25,000.00	No
MS18009	Penske Truck Leasing Co., L.P.	8/8/2018	12/7/2020		\$82,500.00	\$0.00	Modify Maintenance Facility & Train Technici	\$82,500.00	No
MS18013	California Energy Commission				\$3,000,000.00	\$0.00	Advise MSRC and Administer Hydrogen Infr	\$3,000,000.00	No
MS18017	City of Banning				\$225,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$225,000.00	No
MS18018	City of Norwalk	6/8/2018	9/7/2019		\$75,000.00	\$0.00	Vehicle Maintenance Facility Modifications	\$75,000.00	No
MS18107	Huntington Beach Union High School				\$225,000.00	\$0.00	Expansion of Existing Infrastructure	\$225,000.00	No
MS18109	City of South Gate				\$175,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$175,000.00	No
MS18111	Newport-Mesa Unified School District				\$175,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$175,000.00	No
MS18112	Banning Unified School District	11/29/2018	11/28/2024	11/28/2025	\$275,000.00	\$0.00	Install New CNG Infrastructure	\$275,000.00	No
MS18113	City of Torrance				\$100,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$100,000.00	No
MS18114	Los Angeles County Department of P	11/15/2019	11/14/2026		\$175,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$175,000.00	No
MS18116	Los Angeles County Department of P	11/15/2019	11/14/2026		\$175,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$175,000.00	No
MS18119	LBA Realty Company XI LP				\$100,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$100,000.00	No
MS18121	City of Montebello				\$70,408.00	\$0.00	Expansion of Existing CNG Infrastructure	\$70,408.00	No
MS18175	Regents of the University of Californi	6/7/2019	8/6/2025	8/6/2026	\$1,000,000.00	\$0.00	Expansion of Existing Hydrogen Station	\$1,000,000.00	No
MS18184	Clean Energy				\$1,000,000.00	\$0.00	Install Publicly Accessible Hydrogen Fueling	\$1,000,000.00	No

**Total: 27**

**Closed Contracts**

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
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
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
ML18130	City of Lake Forest	3/1/2019	9/30/2022		\$106,480.00	\$106,480.00	Install Twenty-One EVSEs	\$0.00	Yes
ML18131	City of Los Angeles, Police Departme	5/3/2019	12/2/2022		\$19,294.00	\$19,294.00	Purchase Three Light-Duty ZEVs	\$0.00	Yes
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
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
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: 32**

#### 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
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: 6**

#### Open/Complete 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
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
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML18033	City of Duarte	8/8/2018	2/7/2025		\$50,000.00	\$50,000.00	Purchase 1-HD ZEV	\$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
ML18037	City of Westminster	6/28/2018	6/27/2024	12/27/2026	\$120,900.00	\$120,900.00	Install EVSE, Purchase up to 3-LD ZEV & 1-	\$0.00	Yes
ML18038	City of Anaheim	10/5/2018	5/4/2025	5/4/2026	\$151,630.00	\$147,883.27	Purchase 5 Light-Duty ZEVs and Install EVS	\$3,746.73	Yes
ML18039	City of Redlands	6/28/2018	7/27/2024	1/27/2025	\$63,191.00	\$63,190.33	Purchase 1 Medium/Heavy-Duty ZEV and In	\$0.67	Yes
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
ML18049	City of Downey	7/6/2018	5/5/2023		\$148,260.00	\$148,116.32	Install EV Charging Stations	\$143.68	Yes
ML18056	City of Chino	3/29/2019	9/28/2023		\$103,868.00	\$103,868.00	Install EV Charging Infrastructure	\$0.00	Yes
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
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
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
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
ML18127	City of La Puente	2/1/2019	2/28/2023		\$10,000.00	\$7,113.70	Purchase Light-Duty Zero Emission Vehicle	\$2,886.30	Yes
ML18128	City of Aliso Viejo	8/30/2019	11/29/2023		\$65,460.00	\$65,389.56	Purchase Two Light-Duty ZEVs and Install S	\$70.44	Yes
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
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
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
ML18154	City of Hemet	11/22/2019	9/21/2023	3/21/2024	\$30,000.00	\$30,000.00	Purchase Two Light-Duty ZEVs and EV Char	\$0.00	Yes
ML18155	City of Claremont	7/31/2019	9/30/2023		\$35,609.00	\$35,608.86	Install EV Charging Infrastructure	\$0.14	Yes
ML18156	City of Covina	2/1/2019	3/31/2023	12/31/2023	\$63,800.00	\$62,713.00	Purchase Four Light-Duty ZEVs and EV Cha	\$1,087.00	Yes
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
ML18160	City of Irwindale	3/29/2019	12/28/2022		\$14,263.00	\$14,263.00	Purchase Two Light-Duty ZEVs	\$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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML18169	City of Alhambra	6/14/2019	8/13/2024		\$111,980.00	\$111,980.00	Install EV Charging Infrastructure	\$0.00	Yes
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
ML18173	City of Manhattan Beach	3/29/2019	2/28/2023		\$49,000.00	\$49,000.00	Purchase Two Light-Duty ZEVs and EV Char	\$0.00	Yes
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
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
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: 52**

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		\$265,079.00	\$152,590.55	Programmatic Outreach Services	\$112,488.45	No
MS21004	Los Angeles County MTA	1/7/2021	5/31/2023		\$814,822.00	\$0.00	Clean Fuel Bus Service to Dodger Stadium	\$814,822.00	No
MS21005	Southern California Association of G	5/5/2021	1/31/2024	7/31/2025	16,751,000.00	\$0.00	Implement Last Mile Goods Movement Progr	16,751,000.00	No
MS21006	Geographics	4/1/2021	6/20/2023		\$12,952.00	\$6,995.75	Hosting & Maintenance of the MSRC Websit	\$5,956.25	No
MS21007	Penske Truck Leasing Co., L.P.	4/1/2022	3/31/2028		\$1,000,000.00	\$0.00	Deploy 5 Zero-Emission Yard Tractors	\$1,000,000.00	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
MS21011	RDS Logistics Group	1/21/2022	7/20/2028		\$808,500.00	\$0.00	Deploy 3 Zero-Emission Yard Tractors and C	\$808,500.00	No
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	\$500,000.00	\$270,000.00	Deploy up to 5 Near Zero Emission Trucks	\$230,000.00	No
MS21015	Premium Transportation Services, In	9/22/2021	5/21/2027		\$1,500,000.00	\$0.00	Deploy up to 15 Near-Zero Emissions Trucks	\$1,500,000.00	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	\$0.00	Deploy up to 23 Near Zero Emission Trucks	\$2,300,000.00	No
MS21019	Volvo Financial Services	3/31/2022	3/30/2030		\$3,930,270.00	\$495,869.15	Lease up to 14 Zero-Emission Trucks and Pr	\$3,434,400.85	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: 16**

#### **Pending Execution Contracts**

MS21016	Ryder Integrated Logistics, Inc.				\$3,169,746.00	\$0.00	Procure Two Integrated Power Centers and	\$3,169,746.00	No
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**Total: 1**

#### **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
MS21012	Amazon Logistics, Inc.				\$4,157,710.00	\$0.00	Deploy up to 10 Zero-Emission and 100 Nea	\$4,157,710.00	No
MS21020	Sea-Logix, LLC				\$2,300,000.00	\$0.00	Deploy up to 23 Near-Zero Emssions Trucks	\$2,300,000.00	No
MS21021	CMA CGM (America) LLC				\$1,946,463.00	\$0.00	Deploy up to 13 Near Zero Emission Trucks	\$1,946,463.00	No
MS21022	Orange County Transportation Autho				\$289,054.00	\$0.00	Implement Special Transit Service to the Ora	\$289,054.00	No

**Total: 5**

#### **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

**Total: 2**



## 2012-14 Subvention Fund Match Program Progress Reports

Cont#	Contractor	Start Date	Original End Date	Amended End Date	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Open Contracts</b>												
ML14021	Riverside County Regional Park	07/24/14	12/23/16	09/30/24		07/06/22						
ML14027	County of LA Dept of Public Works	10/02/15	05/01/23	12/01/25		WL		08/03/22				
<b>Total 2</b>												





## 2014-16 AB2766 Contract Progress Reports

Cont#	Contractor	Start Date	Original End Date	Amended End Date	Reporting	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Open Contracts</b>													
ML16006	City of Cathedral City	04/27/16	04/26/22	04/26/23	Quarterly		06/07/22						
ML16010	City of Fullerton	10/07/16	04/06/23	04/06/24	Quarterly	WL		Sent mod					
ML16017	City of Long Beach	02/05/16	08/04/23	05/04/29	Quarterly			07/20/22				11/30/22	
ML16022	Los Angeles Department of Water and Power	05/05/17	03/04/24	09/04/27	Quarterly		06/03/22			08/31/22			12/06/22
ML16025	City of South Pasadena	06/22/16	04/21/23	10/21/24	Quarterly	WL		WL					
ML16039	City of Torrance Transit Department	01/06/17	09/05/22	09/05/24	Quarterly				WL	WL			
ML16047	City of Fontana	01/06/17	08/05/19	08/05/24	Quarterly					10/03/22			
ML16048	City of Placentia	03/26/16	05/25/21	06/25/22	Quarterly								
ML16057	City of Yucaipa	04/27/16	01/26/19	01/26/23	Quarterly		WL		08/23/22				
ML16075	City of San Fernando	10/27/16	02/26/19	08/26/24	Quarterly				08/09/22				
ML16077	City of Rialto	05/03/18	10/02/21	02/02/26	Quarterly		WL		WL				
MS16094	Riverside County Transportation Commission	01/25/17	01/24/22	04/24/23	Quarterly		06/29/22			11/09/22			
MS16110	City of Riverside	10/06/17	02/05/25	10/05/26	Quarterly	05/19/22		07/15/22	10/05/22				
MS16120	Omnitrans	04/07/17	05/06/25		Quarterly		FR Rec'd						
MS16121	Long Beach Transit	11/03/17	04/02/24	11/30/28	Quarterly		08/05/22			10/12/22			
MS16123	Orange County Transportation Authority	12/07/18	11/06/23		Quarterly		07/29/22			10/24/22			
MS16127	Los Angeles County MTA	06/29/21	06/28/22		Quarterly		FR Rec'd						



1/4/2023

## 2016-18 AB2766 Contract Progress Reports

Cont#	Contractor	Start Date	Original End Date	Amended End Date	Reporting	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Open Contracts</b>												
ML18030	City of Grand Terrace	06/28/18	03/27/22	03/27/25	Quarterly	WL			09/28/22			
ML18031	City of Diamond Bar	09/07/18	11/06/25	11/06/27	Quarterly				WL			
ML18036	City of Indian Wells (Ia)	08/08/18	05/07/23	05/07/26	Quarterly			08/09/22				
ML18041	City of West Hollywood	08/08/18	12/07/23	06/07/24	Quarterly							
ML18043	City of Yorba Linda	09/07/18	12/06/23	12/06/24	Quarterly							
ML18046	City of Santa Ana (Ia)	11/09/18	07/08/26		Quarterly		Wkg on FR					
ML18047	City of Whittier (Ia)	08/08/18	04/07/26	01/07/29	Quarterly			08/09/22			11/22/22	
ML18050	City of Irvine (Ia)	09/07/18	08/06/23		Quarterly	06/30/22			10/04/22			01/03/22
ML18051	City of Rancho Cucamonga (Ia)	03/01/19	10/31/25	04/30/27	Quarterly	06/28/22			09/27/22			
ML18053	City of Paramount	09/07/18	03/06/23		Quarterly			WL				
ML18055	City of Long Beach (Ia)	11/29/18	11/28/26		Quarterly				10/05/22			
ML18057	City of Carson	10/05/18	07/04/23		Quarterly	WL			CWL	NOB		
ML18058	City of Perris	10/12/18	11/11/24		Quarterly	WL						
ML18059	City of Glendale	02/01/19	07/31/26		Quarterly			08/16/22				
ML18060	County of Los Angeles Internal Services Dept (Ia)	10/05/18	08/04/26	08/04/28	Quarterly				11/03/22			
ML18063	City of Riverside (Ia)	06/07/19	01/06/27		Quarterly		10/06/22			10/06/22		
ML18064	City of Eastvale	11/29/18	04/28/26	10/28/28	Quarterly			08/24/22				
ML18067	City of Pico Rivera	09/07/18	11/06/22	07/06/25	Quarterly			WL				
ML18068	City of Mission Viejo (Ia)	07/31/19	06/30/27		Quarterly	06/21/22		WL & VM		10/25/22		
ML18069	City of Torrance (Ia)	03/01/19	07/31/27		Quarterly	WL		08/16/22				
ML18078	County of Riverside (Ia)	10/05/18	10/04/28		Quarterly			09/29/22				
ML18080	City of Santa Monica (Ia)	01/10/19	12/09/23	09/09/25	Quarterly	06/03/22	Project Complete 7/28				FR Rec'd	
ML18082	City of Los Angeles (Ia)	08/30/19	08/29/28	08/29/29	Quarterly	06/16/22			09/27/22			12/20/22
ML18084	City of South El Monte	10/18/19	09/17/23	09/17/24	Quarterly	WL			WL			
ML18089	City of Glendora	07/18/19	04/18/25	10/18/28	Quarterly	06/21/22		08/19/22				
ML18091	City of Temecula	01/19/19	07/18/23		Quarterly	WL		CWL				
ML18092	City of South Pasadena (Ia)	02/01/19	01/31/25	04/30/27	Quarterly			WL				
ML18093	City of Monterey Park	02/01/19	02/28/26		Quarterly	WL				NOB		
ML18094	City of Laguna Woods	07/12/19	12/11/24		Quarterly	WL						
ML18099	City of Laguna Hills (Ia)	03/01/19	05/31/23		Quarterly	WL		WL & VM		10/18/22		
ML18100	City of Brea (Ia)	10/29/20	12/28/24	07/28/25	Quarterly			08/09/22			FR Rec'd	

ML18101	City of Burbank	02/01/19	04/30/24	10/30/24	Quarterly	WL		WL				
ML18129	City of Yucaipa (Ia)	12/14/18	03/13/23	03/13/26	Quarterly			08/23/22				
ML18132	City of Montclair	04/05/19	09/04/23		Quarterly	WL	07/27/22					
ML18134	City of Los Angeles (Ia)	05/03/19	05/02/28		Quarterly				10/04/22			
ML18135	City of Azusa	12/06/19	12/05/29		Quarterly	WL	07/28/22					
ML18137	City of Wildomar	03/01/19	05/31/21	12/01/22	Quarterly	WL						
ML18141	City of Rolling Hills Estates	02/14/20	01/13/24	01/13/25	Quarterly	WL		09/02/22		NOB		
ML18142	City of La Quinta (Ia)	04/24/19	02/23/23	08/23/23	Quarterly			WL				WL
ML18144	City of Fontana	10/04/19	12/03/23		Quarterly	WL				NOB		
ML18145	City of Los Angeles	01/10/20	04/09/27	04/09/28	Quarterly	WL			09/01/22	NOB		
ML18146	City of South Gate (Ia)	03/01/19	11/30/23	11/30/25	Quarterly					10/13/22		
ML18147	City of Palm Springs (Ia)	01/10/19	01/09/24	07/09/26	Quarterly	WL						
ML18148	City of San Dimas	01/21/22	05/20/23		Quarterly			08/17/22			11/21/22	
ML18151	County of San Bernardino Department of Public	08/25/20	10/24/29		Quarterly	WL	07/26/22					
ML18152	County of San Bernardino Flood Control District	08/11/20	10/10/29		Quarterly	WL	07/26/22					
ML18159	City of Rialto (Ia)	12/13/19	05/12/24	05/12/25	Quarterly					10/18/22		
ML18163	City of San Clemente	03/08/19	12/07/24	12/07/25	Quarterly	WL		08/16/22				
ML18166	City of Placentia	02/18/21	05/17/27		Quarterly			WL				
ML18168	City of Maywood	03/29/19	11/28/22		Quarterly		WL	08/22/22				
ML18170	City of Laguna Niguel	01/10/20	08/09/28		Quarterly	06/11/22						FR Rec'd
ML18177	City of San Bernardino	06/07/19	12/06/26	12/06/28	Quarterly	WL	07/29/22					
ML18178	City of La Puente (Ia)	11/01/19	11/30/25	11/30/27	Quarterly	06/30/22			09/27/22			
MS18015	Southern California Association of Governments	07/13/18	02/28/21	05/31/23	Quarterly	07/20/22			10/27/22			
MS18023	Riverside County Transportation Commission	06/28/18	06/27/21	03/31/23	Quarterly	09/13/22			11/02/22			
MS18024	Riverside County Transportation Commission	06/28/18	08/27/21	08/27/23	Quarterly	09/13/22			11/02/22			
MS18027	City of Gardena (Ia)	11/02/18	09/01/26	01/01/28	Quarterly		07/12/22		10/11/22			
MS18029	Irvine Ranch Water District	08/08/18	10/07/24	01/07/29	Quarterly				WL	10/11/22		
MS18065	San Bernardino County Transportation Authority	03/29/19	08/28/23		Quarterly	09/13/22			10/24/22			
MS18073	Los Angeles County MTA	01/10/19	02/09/26		Quarterly	WL		08/03/22				
MS18106	R.F. Dickson Co.	07/19/19	01/18/26		Quarterly							
MS18108	Capistrano Unified School District	02/01/19	05/30/25		Quarterly	WL		WL	09/14/22			
MS18110	Mountain View Unified School District	02/01/19	03/31/25		Quarterly							
MS18115	City of Commerce	06/07/19	12/06/25	07/06/26	Quarterly		07/28/22					
MS18122	Universal Waste Systems Inc. (Ia)	02/01/19	03/31/25	07/31/27	Quarterly		Project Complete					FR Rec'd
MS18180	Omnitrans	08/04/22	08/03/23		Quarterly							
MS18183	Nikola-TA HRS 1, LLC	09/28/22	01/27/30		Quarterly							



1/4/2023

## 2018-21 AB2766 Contract Progress Reports

Cont#	Contractor	Start Date	Original Amended		Reporting	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
			End Date	End Date									
<b>Open Contracts</b>													
MS21002	Better World Group Advisors	11/01/19	12/31/22		Monthly								
MS21003	Orange County Transportation Authority	07/08/20	05/31/21		Quarterly								
MS21004	Los Angeles County MTA	01/07/21	05/31/23		Quarterly								
MS21005	Southern California Association of Gov'ts	05/05/21	01/31/24	07/31/25	Quarterly		07/20/22			10/27/22			
MS21007	Penske Truck Leasing, Inc.	04/01/22	03/31/28		Quarterly						11/01/22		
MS21009	ITS Technologies & Logistics, LLC (la)	07/15/22	07/14/28		Quarterly						11/01/22		
MS21010	MHX, LLC	09/29/21	01/28/28		Quarterly			09/14/22					
MS21011	RDS Logistics Group	01/21/22	07/20/28		Quarterly								
MS21013	4 Gen Logistics (la)	03/27/22	05/26/28		Quarterly			07/27/22				12/13/22	
MS21014	Green Fleet Systems, LLC (la)	08/31/21	08/30/27	08/30/28	Quarterly				WL	09/09/22			
MS21015	Premium Transportation Services, Inc. (la)	09/22/21	05/21/27		Quarterly		WL	07/21/22					
MS21017	MHX, LLC	09/29/21	09/28/30		Quarterly			09/14/22			11/30/22		
MS21018	Pac Anchor Transportation, Inc. (la)	08/17/21	08/16/27	08/16/28	Quarterly				WL	09/09/22			
MS21019	Volvo Financial Services (la)	03/31/22	03/30/30		Quarterly		07/05/22	Rec'd Pub Out		10/07/22			
MS21023	BNSF Railway Company (la)	04/22/22	04/21/28	04/21/29	Quarterly							11/10/22	
MS21025	Costco Wholesale	12/09/22	12/08/28		Quarterly								

Total: 16

1/12/23 MSRC-TAC Meeting

Agenda Item #3

AB 2766 Discretionary Fund Financial Report

**AB 2766 Discretionary Fund  
Financial Report - November 2022**

Available Funding (a)		\$ 48,807,900
Less Awards by Work Program: (b)		
FY 2014-16	\$ (10,422)	
FY 2016-18	(2,000,000)	
FY 2018-21	(11,149,456)	
FY 2021-24	<u>(1,383,348)</u>	
Total Awards by Work Program:		\$ (14,543,226)
Less Balance of FY 2018-21 and FY 2021-24 Work Programs (funding not yet awarded)		<u>\$ (7,910,000)</u>
Sub-total - Surplus/(Deficit)		\$ 26,354,674
Estimated Revenue (d)		<u>\$ 29,949,080</u>
Estimated Available		<u><u>\$ 56,303,754</u></u>

**Notes:**

- (a) Cash less: open commitments on executed contracts, balance on administrative budget and \$500,000 reserve.  
 (b) Information provided by MSRC contracts staff. (Awards = Board approved contracts pending execution)  
 (c) FY 16-18, FY 18-21 & FY 21-24 Work Program Summary:

<u>FY 16-18 Work Program</u>	Total	Executed Contracts	Awarded	Balance
Major Event Center Transportation Program - (PA2015-13)	\$ 938,400	\$ 938,400	\$ -	\$ -
SCAG-Regional Active Transportation Program	\$ 2,500,000	\$ 2,500,000	\$ -	\$ -
MSRC Web-Site Development	\$ 60,753	\$ 60,753	\$ -	\$ -
Programmatic Outreach Coordinator	\$ 136,619	\$ 136,619	\$ -	\$ -
Major Event Center Transportation Program - (PA2017-05)	\$ 3,912,829	\$ 3,912,829	\$ -	\$ -
Natural Gas Infrastructure Program	\$ 2,945,000	\$ 2,945,000	\$ -	\$ -
Local Government Partnership	\$ 14,832,465	\$ 14,832,465	\$ -	\$ -
Technical Advisor - Work Program Portion	\$ 262,500	\$ 262,500	\$ -	\$ -
Hydrogen Infrastructure Projects	\$ 2,000,000	\$ -	\$ 2,000,000	\$ -
EV Charging Infrastructure Investments	\$ 254,795	\$ 254,795	\$ -	\$ -
SCAG-Future Communities Partnership Program	\$ 2,000,000	\$ 2,000,000	\$ -	\$ -
CTC Partnership Program	\$ 8,000,000	\$ 8,000,000	\$ -	\$ -
<b>FY 16-18 Totals</b>	\$ 37,843,361	\$ 35,843,361	\$ 2,000,000	\$ -

<u>FY 2018-21 Work Program</u>	Total	Executed Contracts	Awarded	Balance
Major Event Center Transportation Program	\$ 4,134,027	\$ 4,134,027	\$ -	\$ -
MSRC Website Hosting & Maintenance	\$ 20,952	\$ 20,952	\$ -	\$ -
Natural Gas Infrastructure Program	\$ 1,012,772	\$ 1,012,772	\$ -	\$ -
Programmatic Outreach Coordinator (MS16030 modification)	\$ 15,000	\$ 15,000	\$ -	\$ -
Programmatic Outreach Coordinator	\$ 265,079	\$ 265,079	\$ -	\$ -
Technical Advisor - Work Program Portion	\$ 272,475	\$ 272,475	\$ -	\$ -
Market Acceleration Program	\$ 1,000,000	\$ 1,000,000	\$ -	\$ -
Near-Zero Trade-Up Program	\$ 3,000,000	\$ -	\$ -	\$ 3,000,000
VIP Plus Up Incentive Program	\$ 2,500,000	\$ 590,000	\$ -	\$ 1,910,000
Regional Goods Movement Program	\$ 16,751,000	\$ 16,751,000	\$ -	\$ -
Inland Ports Zero and Near-Zero Emission Trucking	\$ 24,457,726	\$ 17,130,270	\$ 7,327,456	\$ -
Inland Ports Zero and Near-Zero Emission Cargo Handling	\$ 5,537,775	\$ 5,377,775	\$ 160,000	\$ -
Zero-Emission Drayage Truck and Infrastructure Pilot Project	\$ 8,000,000	\$ 5,000,000	\$ 3,000,000	\$ -
Hydrogen Infrastructure Projects	\$ 2,322,000	\$ 1,660,000	\$ 662,000	\$ -
<b>FY 2018-21 Totals</b>	\$ 69,288,806	\$ 53,229,350	\$ 11,149,456	\$ 4,910,000

<u>FY 2021-24 Work Program</u>	Total	Executed Contracts	Awarded	Balance
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	\$ 3,000,000	\$ -	\$ -	\$ 3,000,000
Programmatic Outreach Coordinator (MS21002 modification)	\$ 183,100	\$ -	\$ 183,100	\$ -
<b>FY 2021-24 Totals</b>	\$ 4,672,623	\$ 289,275	\$ 1,383,348	\$ 3,000,000

- (d) Annual estimated revenue for outyears is projected to be \$16.5 million per year based on FY 2021-22 revenue. Any change to Health & Safety Code 44243 could affect future revenue.

1/12/23 MSRC-TAC Meeting

Agenda Item #4

Contract Modification Request by City of South Pasadena



MSRC-TAC Agenda Item No. 4

**DATE:** January 12, 2022

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

**SUBJECT:** Reduced Scope and Value and 4-Month Term Extension by City of South Pasadena, Contract #ML16025

**SYNOPSIS:** The natural gas vehicles that the City purchased during this period did not meet the Local Match Program’s specifications to qualify as heavy-duty. The City requests to eliminate the tasks and \$30,000 associated with the vehicle purchase. The City completed the expansion of the CNG station, but was delayed due to additional time needed by their contractor for delivery of materials and equipment and additional time needed for Southern California Edison to work on the project. After previously having been granted extensions totaling 18 months, the City requests a 4-month term extension in order to fulfill the required five-year operational period. This project is part of the FYs 2014-16 Local Government Match Program.

**FINANCIAL IMPACT:** If the MSRC approves the City’s request, \$30,000 would revert to the AB 2766 Discretionary Fund.

**RECOMMENDATIONS:** The MSRC-TAC Scope Changes Subcommittee will review the request and their recommendations will be brought forward at the MSRC-TAC meeting. The MSRC Contracts Administrator recommends approval.

**ATTACHMENTS:** Contractor’s request letter

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**DISCUSSION:**

**Contractor:** City of South Pasadena

**Project Title:** Expand CNG Station and Purchase One Heavy-Duty CNG Vehicle

**MSRC Funding:** \$160,000

**Project Term:** June 22, 2016 to October 21, 2024

**Current Request:** Reduced scope and value and 4-month term extension

**Previous Requests:** 6-month term extension; modified scope, reduced value and one-year term extension

Project Description: The MSRC originally awarded the City \$180,535 to purchase one heavy-duty CNG vehicle and expand their existing CNG station; the specifications of the station

expansion were subsequently modified and the contract value reduced to \$160,000. The station expansion has been completed and nothing has been paid to date on this contract.

Previous Requests: With respect to the CNG station expansion, the City received recommendations from their selected vendor that, rather than adding a compressor and storage vessels, they could achieve equal or better performance as well as a better use of the available space by installing an all-in-one unit with additional buffer storage. This change also reduced the estimated project cost resulting in a \$20,535 decrease in the MSRC's cost share. The City requested approval of these changes as well as a one-year contract term extension to allow time for design modifications. At their April 2018 meeting, the MSRC approved the City's request.

Subsequently, the City indicated that design changes associated with the previously approved modifications to the project took longer than expected. To allow time to fulfill the MSRC's five-year operational requirement, the City requested a six-month contract term extension. At their March 2019 meeting, the MSRC approved the request.

Contract Request: The natural gas vehicles that the City purchased during this period did not meet the Local Match Program's specifications to qualify as heavy-duty. The City now requests to eliminate the tasks and \$30,000 associated with the vehicle purchase. The City has completed the expansion of the CNG station, but was delayed due to additional time needed by their contractor for delivery of materials and equipment and additional time needed for Southern California Edison to work on the project. After previously having been granted extensions totaling 18 months, the City requests a 4-month term extension in order to fulfill the required five-year operational period.

Recommendations: The MSRC-TAC Scope Changes Subcommittee will review the request and their recommendations will be brought forward at the MSRC-TAC meeting. The MSRC Contracts Administrator recommends approval.



## CITY OF SOUTH PASADENA

PUBLIC WORKS DEPARTMENT  
1414 MISSION STREET, SOUTH PASADENA, CA 91030  
TEL: (626) 403-7240  
WWW.SOUTHPASADENACA.GOV

December 27, 2022

Cynthia Ravenstein  
MSRC Contracts Administrator  
Submitted via email: [CRavenstein@aqmd.gov](mailto:CRavenstein@aqmd.gov)

Re: MSRC Contract No. ML16025 A & B – Contract Modification & Extension Request

The City of South Pasadena (City) appreciates the South Coast Air Quality Management District (SCAQMD) Mobile Source Review Committee (MSRC)'s commitment to assisting the City in projects that achieve regional greenhouse gas emissions reductions. This letter includes a project update related to the above-referenced Contract, and a request to modify the Contract given the project's status. The Amendments "A" and "B" to Contract ML16025 are attached as a reference, including Attachments 1A Statement of Work, 2A Payment Schedule, and 1B Statement of Work.

### Project Element Status

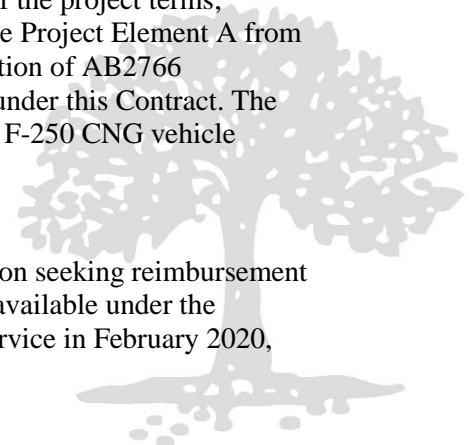
- Part A (1 of 2) Vehicle Purchase: The City purchased two F-250 Compressed Natural Gas (CNG) vehicles in 2016 and 2017 that are currently in use by the Public Works Division. However, these two vehicles do not meet the requirements of the Contract, which specified a gross vehicle weight rating greater than 14,000 pounds. Therefore, this requirement is presently incomplete.
- Part B (2 of 2) CNG Fueling Station Expansion: Per the amended agreement, the City successfully completed the expansion of the Compressed Natural Gas (CNG) Fill Station located at 660 South Stoney Drive. The City awarded the upgrade project to Clean Fuel Connection Inc. for a Galileo NanoBox System that included additional CNG capacity, as well as the widening of the station gates to allow access to larger vehicles. Please see the overview documents included in Attachment 2, comprised of CNG station photos and a drawing excerpt. The system was placed into service in February 2020, which was 'Month 44' after the June 216 execution of the ML16025 A & B Contract. As a note, the completion date / final report was scheduled for 'Month 40' in the latest version of the Contract schedule (Attachment 1B).

### Contract Modification Request

- The City purchased CNG vehicles that do not meet the specifications of the project terms; therefore, the City is requesting that the Contract be modified to remove Project Element A from the agreement. This includes the proposed removal of a \$30,000 allocation of AB2766 Discretionary Funds that were previously listed as payable to the City under this Contract. The City will not seek reimbursement of these funds for its aforementioned F-250 CNG vehicle purchases in 2016 and 2017.

### Contract Extension Request

- Having completed the CNG Fueling Station Expansion, the City plans on seeking reimbursement of the remaining \$130,000 allocation of AB2766 Discretionary Funds available under the Contract. However, as mentioned above, the system was placed into service in February 2020,



which was ‘Month 44’ after the June 216 execution of the Contract, though the completion date / final report was scheduled for ‘Month 40.’

- The schedule delay was due to additional time needed by the Contractor for the delivery of materials and equipment, and additional time required for the Southern California Edison work on the project. The delay required the project schedule to be extended until February 2020 (see Attachment 3 Change Order).
- Therefore, the City is requesting a 4-month extension to the Contract, to align the CNG Station Expansion Part B project element completion with its in-service date of February 2020 (see below proposed modifications to Attachment 1B schedule).

Task	Completion (from June 2016 Execution)
Submit Public Outreach Plan	Month 34 (April 2019)
Select vendor for station expansion	Month 24 (June 2018)
<del>Order vehicle</del>	<del>Month 34 (April 2019)</del>
Complete station expansion	Month 37 (July 2019)
<del>Place vehicle into service</del>	<del>Month 37 (July 2019)</del>
Implement Public Outreach Plan	Month 39 (September 2019)
Quarterly reports	Months 4, 7, 10, 13, 16, 19, 22, 25, 28, 31, and 34 (October 2016 – April 2018 )
Final Report	Month <del>40 44</del> <del>(October 2019)</del> <b>(February 2020)</b>

The station expansion has been completed, and this proposed contract extension is being requested to bring the contract terms up to date with the completed work. As per the Contract, the City commits to ensuring the CNG Fueling Station Expansion remains operational for a period of no less than five (5) years from the date the station begins operations in either its initial or expanded capacity (February 2025).

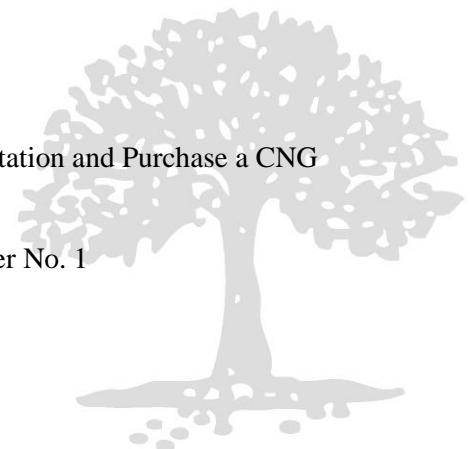
The CNG station provides critical support to fuel the CNG fleet utilized by the City’s Community Services Transit Division for a senior bus program, and CNG utility vehicles utilized by the Public Works Street, Sewer, Parks, and Water Divisions. The City will provide additional documentation to support reimbursement requests with our final project report.

Thank you,

H. Ted Gerber  
 Director of Public Works  
 City of South Pasadena  
 Phone: 626.460.6392  
[tgerber@southpasadenaca.gov](mailto:tgerber@southpasadenaca.gov)

Attachments:

1. MSRC Contract #ML16025 Agreement – Expand Existing CNG Station and Purchase a CNG Vehicle
2. Overview documents related to the CNG Station Upgrade
3. City of South Pasadena Project No. 2017-04 Contract Change Order No. 1



1/12/23 MSRC-TAC Meeting

Agenda Item #5

Contract Modification Request by Los Angeles Department of Water and Power  
(LADWP)

MSRC-TAC Agenda Item No. 5

**DATE:** January 12, 2022

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

**SUBJECT:** 9-Month Term Extension by Los Angeles Department of Water and Power (LADWP), Contract #ML16022

**SYNOPSIS:** LADWP indicates that a supply chain issue with the hydraulic cylinders, which are integral to the entire build of the tree trimming vehicles, has delayed the project. These issues are now being resolved. After previously having been granted extensions totaling 42 months, LADWP requests a 9-month term extension in order to get all vehicles in service and fulfill the required five-year operational period. This project is part of the FYs 2014-16 Local Government Match Program.

**FINANCIAL IMPACT:** None

**RECOMMENDATIONS:** The MSRC-TAC Scope Changes Subcommittee will review the request and their recommendations will be brought forward at the MSRC-TAC meeting. The MSRC Contracts Administrator recommends approval, contingent on this being the final extension.

**ATTACHMENTS:** Contractor's request letter

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**DISCUSSION:**

**Contractor:** Los Angeles Department of Water and Power

**Project Title:** Purchase 8 Heavy-Duty Natural Gas Vehicles

**MSRC Funding:** \$240,000

**Project Term:** May 5, 2017 to September 4, 2027

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

**Previous Requests:** Reduced scope and value and two-year term extension; 18-month term extension

Project Description: The MSRC originally awarded LADWP \$360,000 to purchase 12 heavy-duty CNG vehicles; this was subsequently reduced to \$240,000 for 8 vehicles. One vehicle has been placed into service and nothing has been paid to date on this contract.

Previous Requests: LADWP indicated that their attempts to procure the subject vehicles had been delayed multiple times due to vendor protests. LADWP requested an eighteen-month extension. At their January 2019 meeting, the MSRC considered and approved the request.

Subsequently, LADWP indicated that they had reassessed the number of units needed and decided to reduce the number of CNG tree trimming vehicles and purchase more bucket trucks for power restoration. LADWP requested to decrease the number of vehicles from 12 to 8. They further related that the procurement process took longer than expected due to limited staff, modifications to the specification template, and changes in available technology. Furthermore, the bidding process was impacted by the COVID-19 pandemic and civil unrest. LADWP requested, and in November 2020 the MSRC approved, a 24-month term extension.

Contract Request: LADWP indicates that a supply chain issue with the hydraulic cylinders, which are integral to the entire build of the tree trimming vehicles, has delayed the project. These issues are now being resolved, and one vehicle has been placed into service. Having previously received extensions totaling 42 months, LADWP requests a 9-month term extension to allow them to receive and place all the vehicles into service and fulfill the Local Match Program's five-year operational requirement.

Should the MSRC not grant the extension, LADWP could be held legally liable for cancelling the purchase contract. These specialty vehicles are custom-made based on LADWP specifications and would be difficult for the vendor to sell to other customers.

Recommendations: The MSRC-TAC Scope Changes Subcommittee will review the request and their recommendations will be brought forward at the MSRC-TAC meeting. Given the likelihood of LADWP incurring noncancellable expenses, the MSRC Contracts Administrator recommends approval, contingent on this being the final extension.

December 22, 2022

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

Dear Ms. Ravenstein:

Subject: Mobile Source Review Committee Contract Number ML16022 Request for Extension

The Los Angeles Department of Water and Power (LADWP) is requesting to extend contract number ML16022 to receive eight heavy-duty compressed natural gas (CNG) tree trimmers and fulfill the Mobile Source Air Pollution Reduction Review Committee (MSRC) contract's five-year operational requirement.

### **Length of Extension Requested**

LADWP requests a nine-month extension from the existing period ending on September 4, 2027, to a new completion date of June 4, 2028.

### **New Project Schedule**

- November 2022 – December 2022:
  - Receive the first three vehicles.
  - Place MSRC decals on the vehicles and implement the Public Outreach Plan
  - Enter the vehicles into service.
- January 2023 – May 2023
  - Receive one additional vehicle per month for the remaining five vehicles

### **Project Completion Status**

The purchase order for the vehicles was awarded on September 4, 2020, and the eight vehicles were originally scheduled to be delivered and placed in service by September 2022. To date, three of the vehicles completed pre-delivery inspections in Fontana, CA. However, some minor adjustments need to be made before the vehicles can be approved and the vehicle builds accepted. The first three vehicles are expected to be delivered by the end of December 2022. The remaining five vehicles are being built in Phoenix, AZ, and are expected to be completed quicker since they will be using the first two builds as their guide and template.



### **Reason for Delay**

The biggest contributing factor to the delay was a supply chain issue with the hydraulic cylinder that is needed to move the main aerial bucket device on the truck. The vendor was not able to source the hydraulic cylinder due to delays caused by the COVID-19 pandemic. The cylinder is an integral component of the entire build; and as a result, its unavailability prevents subsequent portions of the vehicle from being built. Due to the supply chain disruption caused by the pandemic, LADWP has seen several delays in overall vehicle production in the last two years. One other instance is a separate contract for 12 diesel-electric hybrid tree trimmers which was awarded around the same time as ML16022 and is now subject to a similar build and delivery schedule. The delivery of the vehicles now depends on how quickly the contractor can make the necessary changes identified during the pre-delivery inspection.

### **Consequences for Denial**

The vehicles have already been ordered, but LADWP would not be able to complete the contract's entire five-year operational requirement. These vehicles will replace long overdue diesel tree trimmers with new, reliable, and cleaner equipment. Not only are these used by Power System crews to trim trees surrounding powerlines to prevent outages and fire hazards, but they are also dispatched to respond to emergencies. Additionally, if LADWP cancels the order anytime during the production of the vehicles, LADWP could be held legally liable for cancelling the contract and could incur associated legal costs in addition to the cost of vehicles received prior to the cancellation (approximately \$378,000 each). To date, LADWP has received one heavy-duty CNG tree trimmer, which was placed in service on November 29, 2022. LADWP is expecting to receive two more units by the end of December 2022 and the rest of the units between January 2023 and May 2023. Since these specialty vehicles are custom-made based on LADWP specifications, it would be difficult for the vendor to sell these to other customers whose requirements or specifications may vary from LADWP's.

LADWP appreciates the previous extension requests granted by the MSRC. The first extension request was an 18-month extension due to changes in the vehicle specifications and vendor protests, which delayed the purchase order. The bidding process was also impacted by the COVID-19 pandemic and civil unrest in 2020. The second 24-month extension request and grant modification were prompted by necessary updates to the grant to reflect the amount corresponding to a reduction in the number of vehicles being purchased (from 12 to eight), and to allow for the five-year operational requirement after the vehicles have been placed in service. LADWP tried as much as possible to avoid requesting a lengthy extension but the supply chain uncertainties have made it difficult to gauge how much additional time would be needed.

LADWP has conveyed the urgency to the contractor so that they can expedite what they can on their end. LADWP anticipates that an additional nine-month extension will allow for the delivery of the vehicles. LADWP will continue to provide quarterly status reports throughout the contract.

Ms. Cynthia Ravenstein

Page 3

December 22, 2022

If you have any questions or require additional information please contact me at (213) 367-0409 or via email at [Andrea.Villarin@ladwp.com](mailto:Andrea.Villarin@ladwp.com) or Mr. James Talavera, at (213) 367-2987 or via email at [James.Talavera@ladwp.com](mailto:James.Talavera@ladwp.com).

Sincerely,

A handwritten signature in cursive script, appearing to read "A. Villarin".

Andrea Villarin  
Manager of Air Quality

JT:

c: Mr. Ellis Chiu

1/12/23 MSRC-TAC Meeting

Agenda Item #6

Contract Modification Request by City of South Gate

MSRC-TAC Agenda Item No. 6

**DATE:** January 12, 2022

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

**SUBJECT:** One-Year Term Extension by City of South Gate, Contract #ML18146

**SYNOPSIS:** The City indicates that they have been actively pursuing construction of the charging station project for several months. However, the lowest bidder in response to their first advertisement was not able to proceed due to a dramatic increase in the purchase price of the units. The City re-advertised the project. Having previously received a two-year term extension, the City requests a one-year term extension in order to complete construction 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-TAC Scope Changes Subcommittee will review the request and their recommendations will be brought forward at the MSRC-TAC meeting. The MSRC Contracts Administrator recommends approval, contingent on this being the final extension.

**ATTACHMENTS:** Contractor's request letter

**DISCUSSION:**

**Contractor:** City of South Gate

**Project Title:** Install EV Charging Stations

**MSRC Funding:** \$127,400

**Project Term:** March 1, 2019 to November 30, 2025

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

**Previous Requests:** Increase from three to six Level II stations and two-year term extension; substitute Level III for Level II station at corporate yard and one-year term extension

Project Description: The MSRC originally awarded the City \$127,400 to procure five light-duty zero emission vehicles and to install EV charging stations. Of this amount, \$50,000 was for the procurement of the vehicles, \$47,400 was for the installation of two limited access Level II charging stations, and \$30,000 was for the installation of one publicly accessible Level II

charging station. This was subsequently modified to the installation of five limited access and one publicly accessible Level II stations. All vehicles have been placed into service and \$50,000 has been paid to date on this contract.

Previous Requests: The City requested to substitute the installation of a Level III charging station for the installation of a Level II charging station at their corporate yard, with no additional funding from the MSRC. The City further requested a one-year term extension. The MSRC's FYs 2016-18 Local Government Partnership Program requires that Level III charging stations remain operational for five years. The one-year extension requested by the City would not suffice to fulfill this requirement. Therefore, MSRC staff recommended approval of a three-year term extension if the MSRC approved the City's request. The MSRC approved the request at their November 2020 meeting.

Prior to executing any contract modification for the above change, the City re-evaluated its needs and determined that they would be better served by Level II charging stations. The City requested to modify the original contract and increase the number of Level II charging stations from three to six. All three additional stations would be limited access. These installations would be accomplished without any additional MSRC funding. The City further requested a two-year term extension, inclusive of the one-year extension previously granted by the MSRC. In June 2021, the MSRC approved the City's request.

Contract Request: The City indicates that they have been actively pursuing construction of the charging station project for several months. However, the lowest bidder in response to their first advertisement was not able to proceed due to a dramatic increase in the purchase price of the units. The City re-advertised the project and plans to award the project soon. Having previously received a two-year term extension, the City requests a one-year term extension in order to complete construction and fulfill the required three-year operational period.

Recommendations: The MSRC-TAC Scope Changes Subcommittee will review the request and their recommendations will be brought forward at the MSRC-TAC meeting. The MSRC Contracts Administrator recommends approval, contingent on this being the final extension.

1/12/23 MSRC-TAC Meeting

Agenda Item #7

Contract Modification Request by City of Carson

MSRC-TAC Agenda Item No. 7

**DATE:** January 12, 2023

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

**SUBJECT:** 38-Month Term Extension by City of Carson, Contract #ML18057

**SYNOPSIS:** The City of Carson requests MSRC review of a 38-month term extension request which has been denied by the MSRC Contracts Administrator. The City indicates that the work associated with the installation of the charging stations was delayed due to issues arising from the COVID-19 pandemic, staffing turnover, and changes in management and priorities. This would be the first extension on this contract. This project is part of the FYs 2016-18 Local Government Partnership Program.

**FINANCIAL IMPACT:** None

**RECOMMENDATIONS:** The MSRC-TAC Scope Changes Subcommittee will review the request and their recommendations will be brought forward at the MSRC-TAC meeting. This request was previously denied by the MSRC Contracts Administrator.

**ATTACHMENTS:** Contractor’s letter requesting review of denial; Contracts Administrator’s letter notifying Contractor of denial; original letter requesting extension

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**DISCUSSION:**

**Contractor:** **City of Carson**

**Project Title:** Install EV Charging Infrastructure

**MSRC Funding:** \$106,250

**Project Term:** October 5, 2018 to July 4, 2023

**Current Request:** 38-month term extension

**Previous Requests:** None

Project Description: The MSRC awarded the City \$106,250 to procure five light-duty zero emission vehicles and to install EV charging stations. All vehicles have been placed into service and \$50,000 has been paid to date on this contract.

Contract Request: The City indicates that the work associated with the EV charging stations was delayed due to issues arising from the COVID-19 pandemic, staffing turnover, and changes in management and priorities. At this point, however, the design and construction of the EV charging stations are doable because the city has secured an on-call consultant that will assist

with the design of the new EV charging stations.. The City requests a 38-month term extension to allow time to complete the installations and fulfill the three-year operational requirement.

MSRC Contracts Administrator Review & Contractor Request for MSRC Review of Denial:In accordance with the MSRC's recently adopted Policy on Contract Modifications, the request was reviewed by the MSRC's Contracts Administrator. The first review is for completeness. Having satisfied those requirements, the request is then checked against a set list of pre-established criteria for denial. The Contracts Administrator denied the City's request because it fell into the following category: the request is for three years or more.

Also as established by the Policy on Contract Modifications, the Contractor has the right to request MSRC review if their extension request is denied by the Contracts Administrator. The City has exercised this option.

Recommendations: The MSRC-TAC Scope Changes Subcommittee will review the request and their recommendations will be brought forward at the MSRC-TAC meeting.





# CITY OF CARSON

November 8, 2022

Cynthia Ravenstein  
Contract Administrator  
MSRC  
21865 Copley Drive  
Diamond Bar, CA 91765-4178

Re: MSRC Contract No. ML 18057  
Request for Time Extension

Dear Ms. Ravenstein:

The City received your Notice of Breach dated October 5, 2022, for Contract No. ML 18057 and we shared our intention to cure this breach during our video conference meeting on October 13, 2022.

The contract had two major components, one was to procure five on-road, light-duty zero emission vehicles and the second was to install three, level II, electric vehicle (EV) charging stations. The city met its obligation for the purchase of five zero-emission vehicles and submitted the reimbursement requests accordingly. The level II charging installation, however, was not completed and the city is seeking additional time to complete this portion of the work. A contract amendment was requested and approved in 2021, however, the amendment documents were not signed by the City due to a technology issue.

Contract extensions requests requirements:

1. The City is requesting an extension to August 31, 2026. The installation of the three, level II, EV charging stations would be complete by August 2023, however, the three-year operation and reporting requirement would be complete by August 2026.
2. The new project schedule will be as follows

Task	Due Date
Research and select a make/model of EV charging station	Complete
Hire a consultant to prepare the plans	Complete

Complete engineering and electrical plans	January - February 2023
Hire a contractor	March – April 2023
Installation of EV charging stations	May – August 2023
Submit reimbursement request	September – December 2023
3-year Operation Requirement Period and Close-out	August 2023 – August 2026

3. The city completed the work associated with the purchase of five zero-emission vehicles, received reimbursement, and promoted the MSRC’s co-funding. The level II charging installations are still in progress and the city has not requested reimbursement for this portion of the work.

Procurement Categories	Discretionary funds payable under this contract	Discretionary funds received by the City	Status
On-road light-duty zero-emission vehicles	\$50,000	\$50,000	Complete
EV charging stations	\$56,250	\$0	In progress

4. The work associated with the EV charging stations was delayed due to issues arising from the COVID-19 pandemic, staffing turnover, and changes in management and priorities. At this point, however, the design and construction of the EV charging stations are doable because the city has secured an on-call consultant that will assist with the design of the new EV charging stations. The city also went through a robust process to determine the ideal make and model of the charging equipment that will work best in the city.
5. If the extension is not approved, the \$50,000 reimbursement that the city received for the purchase of the vehicles would not be cancellable.

The City of Carson expects to complete the design and installation of three, level II, chargers on or before December 15, 2023. The City appreciates your consideration of this contract extension request, and we look forward to implementing the balance of the work.

If you have any questions or comments, please contact me via email at [gmarquez@carsonca.gov](mailto:gmarquez@carsonca.gov) or by phone at 310.952.1700 ext. 1813

Sincerely,



Gilbert Marquez  
City Engineer

November 29, 2022

Gilbert Marquez  
City Engineer  
City of Carson  
701 E Carson St  
Carson, CA 90745

**RE: MSRC Contract #ML18057 Extension Request**

Dear Gilbert Marquez:

MSRC staff have received the City's request for a 37-month extension of the above-referenced contract for the purchase of five light-duty zero emission vehicles and installation of electric vehicle charging infrastructure.

Pursuant to the MSRC's Policy on Contract Modifications as last modified in February 2022 (attached), as Contracts Administrator I have the responsibility to assess the request and determine if there is an adequate case for approval (Section B.7). Upon review of the City's request and the previous history of Contract #ML18057, I hereby deny the City's request for a 37-month term extension because it falls into the following category: the current request is for three years or more.

The City has the option to appeal this denial to the MSRC. If the City desires to pursue this course, please submit a letter to my attention requesting MSRC review of the denial. We need to receive such letter no later than December 23, 2022 for the item to be placed on the January 12, 2023 MSRC-TAC agenda. You may still submit a letter through January 4, 2023, however, and the item will be placed on a later agenda.

Should you have any questions, please don't hesitate to contact me at 909-396-3269 or the email below.

Sincerely,



Cynthia Ravenstein  
MSRC Contracts Administrator  
[Cynthia@CleanTransportationFunding.org](mailto:Cynthia@CleanTransportationFunding.org)

cc: Reata Kulcsar



# CITY OF CARSON

December 6, 2022

Cynthia Ravenstein  
Contract Administrator  
MSRC  
21865 Copley Drive  
Diamond Bar, CA 91765-4178

Re: MSRC Contract No. ML 18057 – Option to Appeal Extension Request Denial

Dear Ms. Ravenstein:

The City received your extension denial letter dated November 29, 2022, for Contract No. ML 18057 and would like to exercise its option to appeal the denial to the MSRC.

As required in the “contract extension request requirements”, the following information was provided 1. Length of extension requested 2. New project schedule 3. Project completion status 4. Reasons for delay and 5. Consequences of denial.

The contract had two major components, one was to procure five on-road, light-duty zero emission vehicles and the second was to install three, level II, electric vehicle (EV) charging stations. The city met its obligation for the purchase of five zero-emission vehicles and submitted the reimbursement requests accordingly. The level II charging installation, however, was not completed and the city is seeking additional time to complete this portion of the work. A contract amendment was requested and approved in 2021, however, the amendment documents were not signed by the City due to a technology issue.

Contract extensions requests requirements:

1. The City is requesting an extension to August 31, 2026. The installation of the three, level II, EV charging stations would be complete by August 2023, however, the three-year operation and reporting requirement would be complete by August 2026.
2. The new project schedule will be as follows



Task	Due Date
Research and select a make/model of EV charging station	Complete
Hire a consultant to prepare the plans	Complete
Complete engineering and electrical plans	January - February 2023
Hire a contractor	March – April 2023
Installation of EV charging stations	May – August 2023
Submit reimbursement request	September – December 2023
3-year Operation Requirement Period and Close-out	August 2023 – August 2026

3. The city completed the work associated with the purchase of five zero-emission vehicles, received reimbursement, and promoted the MSRC's co-funding. The level II charging installations are still in progress and the city has not requested reimbursement for this portion of the work.

Procurement Categories	Discretionary funds payable under this contract	Discretionary funds received by the City	Status
On-road light-duty zero-emission vehicles	\$50,000	\$50,000	Complete
EV charging stations	\$56,250	\$0	In progress

4. The work associated with the EV charging stations was delayed due to issues arising from the COVID-19 pandemic, staffing turnover, and changes in management and priorities. At this point, however, the design and construction of the EV charging stations are doable because the city has secured an on-call consultant that will assist with the design of the new EV charging stations. The city also went through a robust process to determine the ideal make and model of the charging equipment that will work best in the city.
5. If the extension is not approved, the \$50,000 reimbursement that the city received for the purchase of the vehicles would not be cancellable.

The City of Carson expects to complete the design and installation of three, level II, chargers on or before December 15, 2023. The City appreciates your consideration of this contract extension request, and we look forward to implementing the balance of the work.

If you have any questions or comments, please contact Victor Lopez via email at [vlopez@carsonca.gov](mailto:vlopez@carsonca.gov) or by phone at 310.952.1700 ext. 1811

Sincerely,



Gilbert Marquez  
City Engineer

Agenda Item #8

Consider Reallocation of Funding Between Projects by Southern California  
Association of Governments (SCAG)

MSRC-TAC Agenda Item No. 8

- DATE:** January 12, 2023
- FROM:** Cynthia Ravenstein, MSRC Contracts Administrator
- SUBJECT:** Modified Project List and Payment Schedule by Southern California Association of Governments (SCAG), Contract #MS21005
- SYNOPSIS:** In September 2022, SCAG informed MSRC that three of the previously-approved projects had withdrawn. The Contract provides that if a Project Participant withdraws, SCAG may request the MSRC to approve a reallocation of the funds assigned to that project to increase the scope of another project on the approved list or to fund another project on SCAG’s contingency list. In October 2022, the MSRC considered SCAG’s requests and approved the reallocation of a portion of the funding, as well as reserving \$1,115,976 without immediate assignment to a specific project, contingent upon receipt of an additional reallocation request no later than February 17, 2023. SCAG has subsequently informed MSRC that an additional project with a funding allocation of \$70,000 has withdrawn, and now requests reallocation of a total of \$1,185,976 to current Project Participant Zeem Solutions. The increase in funding would augment Zeem Solutions’ scope by increasing vehicle and infrastructure deliverables as described below, as part of the FYs 2018-21 Regional Goods Movement Program.
- FINANCIAL IMPACT:** If the MSRC does not grant SCAG’s request, and does not allow for an alternative proposal, \$1,185,976 will revert to the AB 2766 Discretionary Fund.
- RECOMMENDATIONS:** The MSRC-TAC Scope Changes Subcommittee will review the request and their recommendations will be brought forward at the MSRC-TAC meeting.
- ATTACHMENTS:** Contractor’s letter requesting modification and presentation format outline of proposal

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**DISCUSSION:**

Contractor: **Southern California Association of Governments**  
Project Title: Last Mile Freight Program  
MSRC Funding: \$16,751,000  
Project Term: May 5, 2021 to July 31, 2025

Current Request: Modified project list and reallocate funding between projects  
Previous Requests: Contract value increase and 18-month term extension; modified project list and reallocate funding between projects; combine consideration of \$70,000 with \$1,115,976 for reallocation

Project Description: The Last Mile component of the MSRC's Regional Goods Movement Program focuses on reducing emissions from transportation of goods following departure from distribution centers. In August 2020, the MSRC approved a sole-source contract award to SCAG in an amount not to exceed \$10,000,000 to implement the Last Mile Freight Program (LMFP) on behalf of the MSRC. Contract #MS21005 was executed to effectuate the award, and in November 2021, the MSRC approved SCAG's proposed project list awarding the original \$10,000,000 to 26 projects across the region. Subsequently, the MSRC approved the allocation of additional funding and the addition of six projects from SCAG's contingency list (one of which provided additional funding to bring one of the original projects to its full requested amount). Four projects have now withdrawn, resulting in a total project count of 27. Nothing has been paid to date on this contract.

Previous Requests: In November 2021, the MSRC provided guidance to SCAG staff to work with MSRC staff and the TAC Last Mile Subcommittee to revisit the contingency list projects. The TAC Last Mile Subcommittee and the TAC reviewed SCAG's proposed funding strategy and recommended approval of a \$6,751,000 contract value increase to Contract #MS21005 to support six additional zero emission LMFP projects which would also meet the Program's geographic and small-sized business guidelines. Additionally, SCAG indicated that supply chain constraints were impacting vehicle and equipment procurement schedules. SCAG requested an 18-month contract term extension to allow Project Participants adequate procurement time. The MSRC approved the additional project funding and extension at their January 2022 meeting.

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



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

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

**Current Request:** SCAG indicates that they performed further analysis of options for reallocating funds, including evaluation of those previously awarded funds and those on the Contingency list. **After thorough review, SCAG is proposing that the \$1,185,976 available be reallocated to Zeem Solutions.**

As noted at the October 2022 MSRC meeting, Zeem's targeted Santa Ana site was determined not currently to possess sufficient power capacity for 66 chargers. However, Zeem has confirmed that their feasibility assessments show that this same site location can still be considered through a phased approach. If the \$1,185,976 reallocation were approved, Zeem would initially install 10 Level II chargers and 12 Level III chargers, as well as adding 30 medium-duty zero emission vehicles to be domiciled at this Santa Ana location, increasing the geographic scope of their project into Orange County. Zeem would also increase their project match commitment by \$7,184,752 to a total match of \$14,785,752.

In SCAG's assessment, maintaining a location in Orange County was a top priority to be consistent with the program's goal to prioritize geographic equity. To date, all counties except Orange County have been awarded an appropriate minimum funding amount. This reallocation would ensure that Orange County also met that goal.

**Recommendations:** The MSRC-TAC Scope Changes Subcommittee will review the request and their recommendations will be brought forward at the MSRC-TAC meeting.



SOUTHERN CALIFORNIA  
ASSOCIATION OF GOVERNMENTS  
900 Wilshire Blvd., Ste. 1700  
Los Angeles, CA 90017  
T: (213) 236-1800  
www.scag.ca.gov

January 4, 2023

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

Subject: MSRC Scope Change Subcommittee Funding Reallocation Request:  
SCAG Last Mile Freight Program

Dear Ms. Ravenstein:

This letter and attached presentation are being submitted as part of SCAG's request to reallocate funding for the Last Mile Freight Program (LMFP). In summary, SCAG is proposing to reallocate \$1,185,976 to Zeem Solutions. This will increase the company's project deliverables as shown below in Table 3, while also increasing the LMFP's overall zero-emission vehicles and supporting infrastructure benefits and augmenting the portion of match for the LMFP. This recommendation will achieve the following:

- Zeem Solutions would increase its project deliverables from 42 medium- and heavy-duty zero-emission vehicles and one (1) mobile power station to include 30 additional medium duty-zero emission vehicles, 10 L2 chargers and 12 L3 chargers. Zeem will deploy these new chargers and vehicles at their Santa Ana location, expanding the project's scope to include infrastructure and vehicles domiciled in Orange County.
- With an increase in project deliverables, Zeem has committed to increasing the project's match commitment by \$7,184,752 to a match total of \$14,785,752, that would concurrently increase the overall LMFP match total to \$83,862,949 compared to a match total of \$79,280,149.
- Factoring in the change in assets from the withdrawn projects (Table 1), approval of this funding reallocation (including the approved Sysco Corporation reallocation at the October 2022 MSRC meeting) would result in a net increase of 35 zero-emission vehicles, and 25 units of supporting charging infrastructure delivered across the entire program and region.
- Lastly, by moving forward with both Zeem Solutions and Sysco Corporation, the LMFP will achieve its core goal of meeting the program's geographic funding minimum.

REGIONAL COUNCIL OFFICERS

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Ray Marquez, Chino Hills

**Discussion**

Previously, SCAG staff were notified by three projects that they would not be moving forward with their LMFP awards totaling to \$2,231,952. These projects included Heritage Environmental Services for \$2,091,952 and independent owner-operators, Kyung Soo Chung and Gantumur Bayaraa for \$70,000 each totaling \$140,000. SCAG performed its diligence on the remaining companies that had been awarded funds to determine whether any merited further funding consideration. Of the 28 companies, 25 companies, received either a full or nearly full award per their request (22 independent owner-operators, Penske and WattEV) or did not down scope their original project upon receiving a lower award amount (GLI), justifying no consideration for an increase in funding.

SCAG staff held discussions with Sysco Corporation, Zeem Solutions, and PepsiCo / New Bern, who all had requested higher amounts than what was awarded. PepsiCo / New Bern confirmed that they were not able to consider any funding increase at this time. Both Sysco Corporation and Zeem Solutions confirmed that they would be willing to accept additional funds and provide an increase in vehicle and/or supporting infrastructure assets. Through this diligence process, both Sysco Corporation and Zeem Solutions remained below their initial application award requests (\$3,557,500) and (\$5,000,000) respectively and remained well above the 1:1 matching requirement (71%) and (77%) respectively.

At the MSRC October 20, 2022 meeting, SCAG staff presented an initial reallocation proposal where Sysco Corporation and Zeem Solutions would each have received an additional \$1,115,976 bringing each projects’ award total to \$2,231,952. Sysco Corporation was approved by the MSRC for the \$1,115,976 funding increase and scope change at the October 20<sup>th</sup> meeting, but Zeem Solutions was not due to complications with their proposed scope. Zeem Solutions notified SCAG days before the October 20<sup>th</sup> meeting that their Santa Ana infrastructure capacity study revealed the proposed site for domiciling infrastructure did not have the power capacity necessary to house the initial proposed 66 chargers associated with their funding increase at that time.

As a result, the MSRC granted SCAG additional time (deadline of February 17, 2023) to propose an alternative reallocation plan for the remaining \$1,115,976. Concurrently, SCAG was notified by small-business owner-operator, Inn Mok Jung that they were withdrawing from the program. Consequently, an additional \$70,000 in LMFP funding became available for reallocation and there are now 27 projects receiving funding through the LMFP.

**Table 1 – Withdrawn Projects and Associated Funding for Reallocation**

Project Title	Agency Name	Business Replacement Size	Technology	Domicile Location (City, County)	Grant Funds Available for Reallocation	Amount of Match Provided	Vehicle Quantity	Quantity of Infra. Units
Replace Class8a Diesel Truck VIN 497552 with a NZE Truck	Inn Mok Jung	Small	CNG	Compton, Los Angeles	\$70,000	\$170,000	1 (CNG)	-
NA	Heritage Environmental Services LLC, Kyungsoo Chung, Gantumur Bayaraa	Small, Large	CNG, BEV	Compton, Los Angeles Gardena, Los Angeles Signal Hill, Los Angeles	\$1,115,976	\$2,601,952	5 (3 BEV, 2 CNG)	5
<b>Total</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>\$1,185,976</b>	<b>\$2,601,952</b>	<b>6 (3 BEV, 3 CNG)</b>	<b>5</b>

As shown in Table 1, Inn Mok Jung's withdrawn project accounts for an award of \$70,000 and \$170,000 of match funding. This project was expected to deliver 1 natural gas truck to be domiciled in Los Angeles County. Combining this \$70,000 award amount with the remaining \$1,115,976 amounts to a total of \$1,185,976 for reallocation.

SCAG performed further diligence on the remaining companies that had been awarded funds including assessing others that were scored by the review panel, but not awarded. As a reminder, all projects from the Contingency List were deemed meritorious and are eligible for an award should additional funds be made available. Upon completion, three viable options for reallocating the remaining funds were identified: 1) To continue working with Zeem Solutions on a further scope revision for the same Orange County-domiciled project location as previously proposed; 2) Reconsider MHX who had previously been recommended for a partial award, but declined an offer in January 2022; and 3) As a final resort, consider Sysco Corporation to absorb the remaining funds and increase their overall project award and associated assets.

SCAG staff held numerous meetings with Zeem Solutions to confirm whether there was any opportunity to locate a viable facility within Orange County. Zeem Solutions notified SCAG before the October 20<sup>th</sup> MSRC meeting that their Santa Ana depot could not house the 66 proposed chargers offered as part of their original proposal. This was based on the conclusion of their independent feasibility study, in addition to the capacity study of the site location provided by Southern California Edison. Zeem Solutions confirmed that because of their feasibility assessments, the same site location at the Santa Ana depot could still be considered through a phased approach, by down scoping the property infrastructure to an initial 10 Level 2 (L2) chargers, and 12 Level 3 (L3) chargers, while also increasing 30 medium duty-zero emission vehicles to be domiciled at the Santa Ana depot. This would result in a total project award increase to \$2,378,019, including 72 medium- and heavy-duty zero-emission vehicles and 23 charging units to be domiciled in Los Angeles and Orange counties. Zeem has also committed to increasing the project's match commitment by \$7,184,752 to a match total of \$14,785,752, that would concurrently increase the LMFP match total to \$83,862,949

MHX's application ranked as the third highest score of all contingency list projects, but they were not interested in moving forward in January 2022 based the partial award offer at that time. As such, SCAG staff held a discussion with MHX to gauge their interest and capacity in leveraging \$1,185,976 in funding toward an eligible project in-line with their original application. MHX stated that at this time they could commit to deploying 6 Class 8 battery electric trucks and 2 chargers at their facility in Los Angeles County. MHX also offered \$1,310,212 in match funding as part of their revised proposal.

Based on considering these options for redistributing the funds, maintaining a location in Orange County was viewed as a top priority to be consistent with the LMFP's goal to prioritize geographic equity. At the start of the program, a geographic funding minimum goal of \$1,250,000 was established for each county in the South Coast Air Basin (Los Angeles, Orange, Riverside, and San Bernardino counties). This funding minimum amount originally corresponded to a program award amount of \$10,000,000. A proportional adjustment for the revised program award amount of \$16,751,000 would equate to a geographic funding minimum goal of \$2,093,875 per county. While there are different methods for estimating the LMFP's geographic investment, SCAG staff continues to utilize the project domicile location as the main metric for where project funding is being invested across the region, to be consistent with the MSRC's request.

Table 2 – LMFP Funding by County Domicile Location

Los Angeles County			Orange County		
Agency Name	Domicile Location (City, County)	Amount of Grant Funds Awarded	Agency Name	Domicile Location (City, County)	Amount of Grant Funds Awarded
WattEV (1 of 2)	El Segundo, Los Angeles	\$ 1,479,495	PepsiCo / New Bern	Buena Park, Orange County	\$ 1,192,043
Quality Custom Distribution	La Puente, Los Angeles	\$ 4,184,000	Total Project Funding for Orange County Domicile Locations: \$ 1,192,043		
Gonzalez Logistics, Inc.	Los Angeles, Los Angeles	\$ 1,192,043			
Zeem Solutions	Inglewood, Los Angeles	\$ 1,192,043	Riverside County		
Yeong Lak Yun	Gardena, Los Angeles	\$ 70,000	Agency Name	Domicile Location (City, County)	Amount of Grant Funds Awarded
Jongho Lee	Torrance, Los Angeles	\$ 77,500	Syso Corporation	Riverside, Riverside	\$ 2,308,019
Jason Kwon	Carson, Los Angeles	\$ 77,500	Total Project Funding for Riverside County Domicile Locations: \$ 2,308,019		
INTERMODAL EQUIPMENT LEASING INC	Compton, Los Angeles	\$ 387,500			
Bookmark Logistics, Inc.	Compton, Los Angeles	\$ 77,500	San Bernardino County		
Allen Chul Hyon	Carson, Los Angeles	\$ 77,500	Agency Name	Domicile Location (City, County)	Amount of Grant Funds Awarded
Yanxiu Li	Compton, Los Angeles	\$ 70,000	WattEV (2 of 2)	San Bernardino San Bernardino	\$ 1,479,495
Hyeong Cheol Jeon	Compton, Los Angeles	\$ 77,500	Penske Logistics, LLC	Riverside, Riverside	\$ 790,786
John Sung Kim	Compton, Los Angeles	\$ 70,000	Total Project Funding for SB County Domicile Locations: \$ 2,270,281		
Adrian David Lee	Compton, Los Angeles	\$ 70,000			
Victor Ki Choi	Rancho Dominguez, Los Angeles	\$ 62,100			
Jin Re Kim	Wilmington, Los Angeles	\$ 70,000			
Joo Sik Kim	Gardena, Los Angeles	\$ 70,000			
Yong Un Sok	Gardena, Los Angeles	\$ 70,000			
Sang Cheal Park	Gardena, Los Angeles	\$ 70,000			
Quan Ren	Compton, Los Angeles	\$ 70,000			
Sung Bin Park	Gardena, Los Angeles	\$ 70,000			
Kun Sung Noh	Gardena, Los Angeles	\$ 70,000			
JeongHun Lee	Gardena, Los Angeles	\$ 70,000			
In Heyoung Hwang	Gardena, Los Angeles	\$ 70,000			
Total Project Funding for LA County Domicile Locations:		\$ 9,794,681			

Table 2 shows the Program’s total funding amounts per county based on each active project’s domicile location. Using an adjusted geographic funding goal of \$2,093,875 per county, Table 2 shows that, to date, all counties have been awarded an appropriate minimum funding amount except for Orange County. While multiple LMFP projects provide service to Orange County, only one project, operated by PepsiCo/New Bern, has an Orange County Domicile location – PepsiCo / New Bern has been awarded \$1,192,043 for their efforts.

Table 3 – Revised Project Deliverables for Zeem Solutions Associated with Funding Increase

Project Title	Agency Name	Business Size	Replacement Technology	Domicile Location (City, County)	Amount of Grant Funds Awarded	Amount of Match Provided	Vehicle Quantity	Quantity of Infra. Units
Expanding Access and Scaling Electrification (EASE) for Small Fleets	Zeem Solutions	Small	BEV	Inglewood, Los Angeles	\$1,192,043	\$7,601,000	42	4
				Santa Ana, Orange	\$2,378,019	\$14,785,752	72	23

\*Denotes the proposed increase in total project deliverables resulting from recommended funding reallocation

As shown in Table 3, by reallocating this \$1,185,976 to Zeem Solutions, the project will deliver an additional 30 electric vehicles, and 22 charging infrastructure units with Zeem Solutions domiciling these assets in Orange County at the Santa Ana depot. Notably, Zeem has also committed to increasing the project’s match commitment to nearly double their original match (\$14,785,752), augmenting the overall LMFP’s match to \$83,862,949. Reallocating this \$1,185,976 to Zeem Solutions will result in a more balanced distribution of funding across the South Coast Air Basin. If this reallocation is approved, Orange County would receive a total of \$2,378,019, surpassing the program’s adjusted geographic funding minimum goal of \$2,093,875 per county, with all counties meeting the original geographic equity minimum goal.

Zeem Solutions has adjusted their project scope to fit the Santa Ana site’s near-term power constraints. Zeem is scheduled to sign a lease agreement for the Santa Ana property in February 2023 and begin construction in May 2023, providing a scheduled path forward incorporating their adjustments to meet the timeline and goals of the LMFP.

**Recommendation**

Based on the diligence and assessment performed by SCAG, it is recommended that MSRC Scope Change Subcommittee approve the funding reallocation request for the LMFP to reallocate funds in the amount of \$1,185,976 to Zeem Solutions and move this request forward to the MSRC-TAC for recommendation at the January 12, 2023 meeting.

Sincerely,

**Scott Strolecki** Digitally signed by Scott Strolecki  
DN: cn=Scott Strolecki, o=SCAG, ou=Goods Movement  
Business Unit, email=strolecki@scag.ca.gov, c=US  
Date: 2023.01.04 10:24:06 -08'00'

Scott Strolecki  
Program Manager – Goods Movement



# LMFP Funding Reallocation Proposal

January 12, 2023

[WWW.SCAG.CA.GOV](http://WWW.SCAG.CA.GOV)

## Summary

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- Prior to October 20, 2022, there was a total of **\$2,231,952** available due to three project resignations:
  - \$2,091,952 from Heritage Environmental Services +
  - \$140,000 from two owner-operators
- On October 20, 2022, SCAG presented a reallocation proposal to the MSRC:
  - The MSRC approved **\$1,115,976** in reallocation to Sysco Corporation; and
  - Granted SCAG additional time to propose an alternative reallocation plan for the remaining **\$1,115,976**



## Summary Continued

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- Since the October 20, 2022, MSRC meeting , SCAG staff were notified of another project resignation:
  - **\$70,000** from one owner-operator
- SCAG proposes reallocating the remaining combined amounts of \$1,115,976 and the additional \$70,000 to **Zeem Solutions**
  - Zeem: **\$1,185,976**

# Zeem Solutions

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- Zeem Solutions is an electric fleet-as-a-service company that provides turnkey, zero emission vehicles to small, local last-mile delivery companies.
- Zeem Solutions proposes to allocate the additional **\$1,185,976** in funding to procure an increase in zero emission vehicles and supporting charging stations for their Santa Ana depot
  - 30 Medium Duty-Zero Emission Vehicles
  - 12 DC Fast Chargers (DCFC)
  - 10 Level 2 (L2) chargers

# Zeem Funding and Deliverables

Original Award and Deliverables	New Award and Deliverables
<p>Award Amount: \$1,192,043 Match Funding: \$7,785,752 (cash only)</p> <p>Number of Vehicles: 42 Number of Chargers: 1     1 Mobile Power Station</p>	<p>Award Amount: <b>\$2,378,019</b> Match Funding: <b>\$14,785,752</b> (cash only)</p> <p>Number of Vehicles: <b>72</b> Number of Chargers: <b>23</b>     1 Mobile Power Station     <b>12 DC Fast Chargers (DCFC)</b>     <b>10 Level 2 (L2) chargers</b></p>

\* Bold text denotes that a change was made

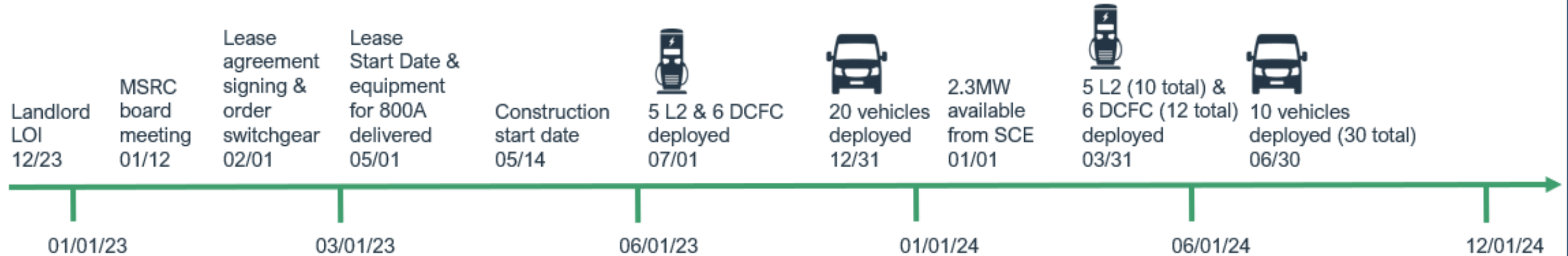
# LMFP Timeline – Santa Ana Depot

10 L2, 12 DCFC chargers, and 30 electric last-mile delivery vehicles by June 2024 in Santa Ana

[ Q1 2023 Apply for EnerglIZE FastTrack ]

[ Q3 2023 Apply for EnerglIZE JumpStart ]

*Contingency in case of FastTrack oversubscription*



- \* Steps already taken
- Investor LOI
  - Utility Engagement
    - Capacity Study
    - Charge Ready Transport Application
  - Ordered chargers
  - Ordered equipment to access 800A onsite power

- Background
- SCE's capacity study results show that 2.3MW of power is locally available for 2023-2024
    - Constraint on utilizing this 2.3MW is the 60–70-week lead time for 2.3MW switchgear
    - Based on 2.3MW, there is enough power to support the proposed 10 L2 & 12 DCFC chargers
  - There is an unused 800A distribution panel on site, 800A allows for 5-7 DCFC, so we expect the load study to show there is at least 800A available for Zeem's chargers

# Geographic Equity With and Without Reallocation

<b>County</b>	<b>Current Funding Amounts</b>	<b>Funding Amounts After Reallocation to Zeem</b>
<b>Los Angeles</b>	\$9,794,681	\$9,794,681
<b>Orange</b>	<b>\$1,192,043*</b>	\$2,378,019
<b>Riverside</b>	\$2,308,019	\$2,308,019
<b>San Bernardino</b>	\$2,270,281	\$2,270,281
<b>Total</b>	<b>\$15,565,024</b>	<b>\$16,751,000</b>

\* Denotes that county funding total falls short of the adjusted \$2,093,875 funding goal.

# List of Withdrawn Projects

<b>PROJECT TITLE AND AGENCY NAME:</b>	<b>Domicile Location (City, County)</b>	<b>Award Amount</b>
<del>Franklin_HES / Heritage Environmental Services LLC</del>	<del>Signal Hill, Los Angeles</del>	<del>\$2,091,952</del>
<del>Independent Owner Operator / Inn Mok Jung</del>	<del>Compton, Los Angeles</del>	<del>\$70,000</del>
<del>Independent Owner Operator / Kyungsoo Chung</del>	<del>Gardena, Los Angeles</del>	<del>\$70,000</del>
<del>Independent Owner Operator / Gantumur Bayaraa</del>	<del>Compton, Los Angeles</del>	<del>\$70,000</del>

# Project-Specific Breakdown

Project Participant Name	Maximum AB 2766 Discretionary Funds Payable	Project Participant Co- Funding	Total Project Cost
Adrian David Lee	\$70,000	\$170,000	\$240,000
Hyeong Cheol Jeon	\$77,500	\$162,500	\$240,000
Allen Chul Hyon	\$77,500	\$162,500	\$240,000
Jason Kwon	\$77,500	\$162,500	\$240,000
Jin Re Kim	\$70,000	\$170,000	\$240,000
Yanxiu Li	\$70,000	\$170,000	\$240,000
Sung Bin Park	\$70,000	\$170,000	\$240,000
Victor Ki Choi	\$62,100	\$162,100	\$224,200
In Heyoung Hwang	\$70,000	\$170,000	\$240,000
Joo Sik Kim	\$70,000	\$170,000	\$240,000
JeongHun Lee	\$70,000	\$170,000	\$240,000
Sang Cheal Park	\$70,000	\$170,000	\$240,000
Kun Sung Noh	\$70,000	\$170,000	\$240,000
Yong Un Sok	\$70,000	\$170,000	\$240,000
Bookmark Logistics, Inc.	\$77,500	\$162,500	\$240,000
John Sung Kim	\$70,000	\$170,000	\$240,000
Jongho Lee	\$77,500	\$162,500	\$240,000
Quan Ren	\$70,000	\$170,000	\$240,000
Yeong Lak Yun	\$70,000	\$170,000	\$240,000
INTERMODAL EQUIPMENT LEASING INC	\$387,500	\$812,500	\$1,200,000
Quality Custom Distribution	\$4,184,000	\$16,400,000	\$20,584,000
PepsiCo	\$1,192,043	\$2,460,000	\$3,652,043
Sysco Corporation	\$2,308,019	\$5,697,156	\$8,005,175
Zeem Solutions	\$2,378,019	\$14,785,752	\$17,163,771
WattEV	\$2,958,990	\$12,612,948	\$15,571,938
Penske Logistics, LLC	\$790,786	\$790,786	\$1,581,572
Gonzalez Logistics, Inc.	\$1,192,043	\$27,119,207	\$28,311,250
	<b>\$16,751,000</b>	<b>\$83,862,949</b>	<b>\$100,613,949</b>



**THANK YOU!**

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1/12/23 MSRC-TAC Meeting

Agenda Item #9

Consider Clean Transportation Funding Award to the City of South Pasadena

MSRC-TAC Agenda Item No. 9

**DATE:** January 12, 2023

**FROM:** Ray Gorski, MSRC Technical Advisor, on behalf of Minh Le, Innovative Transportation Subcommittee Chair.

**SUBJECT:** Consider Clean Transportation Funding™ Award to the City of South Pasadena for Implementation of the South Pasadena Police Patrol Vehicle Electrification Program.

**SYNOPSIS:** Program Opportunity Notice No. PON2022-01, released on May 6, 2022, sought concepts for new and innovative transportation strategies that go “above and beyond” traditional transportation demand strategies. Based upon the MSRC’s review of project concepts submitted in response to PON2022-01, the MSRC requested a full proposal from the City of South Pasadena for the implementation of a zero-emission police patrol vehicle and supporting infrastructure project. The City of South Pasadena submitted the requested proposal on November 8, 2022. The proposal seeks \$499,789 in MSRC Clean Transportation Funding™ for the implementation of the South Pasadena Police Patrol Electrification Program. This proposal has been reviewed by the MSRC-TAC Innovative Transportation Subcommittee and is recommended for approval as discussed in the attached staff report.

**RECOMMENDATION:** The MSRC-TAC Innovative Transportation Subcommittee recommends that the City of South Pasadena be awarded \$499,789 in Clean Transportation Funding™ for implementation of the South Pasadena Police Patrol Vehicle Electrification Program.

**WORK PROGRAM IMPACT:** Clean Transportation Funding™ to Implement the South Pasadena Police Vehicle Electrification Program will be allocated from the FY2021-'24 MSRC Discretionary Fund.

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Overview: The Transformative Transportation Strategies & Mobility Solutions Program Opportunity Notice (PON2022-01), released on May 6, 2022, sought the submittal of conceptual projects to demonstrate new and innovative transportation approaches “above and beyond traditional transportation demand strategies”. The MSRC identified up to \$3,000,000 overall for this Work Program Category. PON2022-01 focused on “people movement” and sought project concepts that met the following MSRC goals:

- MSRC funding acts as Seed Money – an initial investment to launch the innovative transportation strategy or program;
- A key objective is to achieve a Transformative Outcome – a permanent and sustainable change in human mobility;
- The innovative transportation strategy or concept is Replicable within the South Coast region, and;
- The process and results of the development and deployment of the transformative mobility strategy is well Documented to serve as a roadmap to others who wish to replicate the concept.

As a result of the PON evaluation process, the MSRC, at their October 20, 2022 meeting, directed staff to request a full proposal from the City of South Pasadena for the implementation of a zero-emission police patrol vehicle and supporting infrastructure project. The MSRC directed that the total project value should not exceed \$500,000 in MSRC Clean Transportation Funding™, and that the proposal received from South Pasadena be evaluated through the Innovative Transportation Subcommittee and MSRC-TAC prior to consideration by the MSRC.

The City of South Pasadena submitted their proposal on November 8, 2022, seeking \$499,789 in Clean Transportation Funding™ for implementation of the South Pasadena Police Patrol Vehicle Electrification Program. The proposal was initially reviewed by MSRC staff to document conformance with MSRC direction, and subsequently forwarded to the MSRC-TAC Innovative Transportation Subcommittee for review. The recommendations discussed herein is the result of the Innovative Transportation Subcommittee review and deliberations.

Proposal Summary: The City of South Pasadena is proposing to implement the South Pasadena Police Patrol Vehicle Electrification Program. The core elements of the South Pasadena proposal for which MSRC funding is sought include the following:

- Procurement of ten (10) Tesla Model Y patrol vehicles through a 60-month lease arrangement;
- Installation of seven (7) police-dedicated dual port Level 2 chargers;
- Installation of two (2) police-dedicated single port Level 2 chargers;
- Installation of two (2) dual port emergency response vehicle Level 3 chargers.

The MSRC funding contribution sought for the above project elements is \$499,789, which represents 50% of the cost of each line item. The City of South Pasadena will co-fund the remaining 50% of these project costs.

The MSRC investment will be further leveraged through additional project elements funded by the City of South Pasadena and their project partner Southern California Edison (SCE). Through its Charge Ready Program, SCE will contribute funding toward the purchase and installation of electric vehicle supply equipment (EVSE), including transformers, electrical panels, meters, and electrical service conduit and wiring. The value of the SCE capital and in-kind contribution is \$524,651.

The City of South Pasadena will contribute co-funding to procure ten (10) Tesla Model 3 non-patrol police and detective vehicles, and purchase and install up to six (6) additional dual Level 2 chargers, two (2) single port chargers, and one (1) Level 3 dual port fast charger. This City-funded EVSE will be publicly accessible. South Pasadena will co-fund the upfitting of the electric vehicles with police patrol vehicle equipment. The total direct and in-kind funding contribution from the City of South Pasadena is valued at \$1,828,860, which represents approximately 64% of the \$2,853,300 total project cost. This funding breakdown is shown below in Table 1:

Table 1: Police Patrol Vehicle Electrification Program Cost Breakdown

	MSRC	South Pasadena	SCE
Procurement of Police EV Patrol Vehicles	\$397,089	\$397,089	
Police Vehicle Equipment Upfitting		\$574,999	
Electric Vehicle Charging Infrastructure	\$102,700	\$138,600	\$246,895
Non-Patrol Electric Vehicle Procurement		\$700,222	
Publicly Accessible Charging Infrastructure		\$17,950	\$277,756
Totals	\$499,789	\$1,828,860	\$524,651

In addition to the procurement of zero-emission vehicles and infrastructure, South Pasadena will document all phases of the project, including planning, funding, environmental impact, design, construction, and other steps to serve as a roadmap for other jurisdictions who wish to replicate the Program.

The Program Schedule as proposed by the City of South Pasadena is shown below in Table 1. The proposed schedule has electric vehicle charging equipment site design, utility coordination, and construction commencing at MSRC contract award, on or about February 2023, with EV charger installation completed in the fourth quarter of 2023. Electric police patrol vehicle delivery is anticipated in the late fourth quarter of 2023, with police equipment upfitting completed by February 2024. It is anticipated that the zero-emission police patrol vehicles will be deployed into service in March 2024.

Table 2: Proposed Police Patrol Vehicle Electrification Schedule

Potential MSRC Award	March 2023
Begin MSRC Reporting and Outreach Plan	June 2023
EV Charger Installation Completion	September 2023
Apply for SCE Rebates	October 2023
Begin EV Charging System Monitoring	October 2023
Police Vehicle Delivery	November 2023
Police Equipment Up-fitting	February 2024
Police Patrol Vehicle Deployment	March 2024
Data Collection, Lessons Learned Compilation, & Final Reporting	April 2025

Subcommittee Recommendation: The Innovative Transportation Subcommittee recommends the MSRC-TAC approve a Clean Transportation Funding™ award in the amount of \$499,789 for implementation of the South Pasadena Police Patrol Vehicle Electrification Program.

AGENDA ITEM #10

Clean Fuels/Clean Technologies Conference Calendar for 2023

## Clean Fuels and Clean Technologies Conference Calendar for 2023

### January 2023

**Jan 23-26**      **2023 Clean Fuels Conference, Tampa FL., Website:**  
[2023 Save the Date | 2022 National Biodiesel Conference & Expo](#)  
 [\(cleanfuelsconference.org\)](http://cleanfuelsconference.org)

### February 2023

**Feb 7-9**      **Hydrogen & Fuel Cell Seminar, Long Beach, CA., Website:**  
[Hydrogen & Fuel Cell Seminar](#)

### May 2023

**May 1-4**      **Advanced Clean Transportation (ACT) Expo, Anaheim, CA., Website:**  
[Advanced Clean Transportation \(ACT\) Expo | May 1-4, 2023 \(actexpo.com\)](#)

\*For the latest updates on the listed conferences, please call the conference contact person directly

*Last updated 8/10/2022*