



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

Thursday, January 18, 2024 at 2:00 p.m.

A meeting of the MSRC will be held at 2:00 p.m. on Thursday, January 18, 2024 through a hybrid format of in-person attendance in Conference Room CC-8 at the South Coast AQMD Headquarters, 21865 Copley Drive, Diamond Bar, California, and remote attendance via videoconferencing and by telephone. Please follow instructions below to attend the meeting remotely.

OTHER LOCATIONS

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

LA County MTA
One Gateway Plaza, 23rd Floor
Planning Conference Room
Los Angeles, CA 90012

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

INSTRUCTIONS FOR ELECTRONIC PARTICIPATION AT BOTTOM OF AGENDA

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

PUBLIC COMMENT WILL STILL BE TAKEN

MSRC Committee Members

MSRC Chair

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

MSRC Vice-Chair

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

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

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

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

Vacant
OCTA
Representing Regional Rideshare Agency
Alternate: Vacant

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

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

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

CALL TO ORDER

- Roll Call

Opening Comments: Larry McCallon, MSRC Chair
Other MSRC Members

CONSENT CALENDAR (Items 1 through 8)

Receive and Approve

1. Minutes of the October 19, 2023 MSRC Meeting Eaton

2. Consider Adoption of 2024 Meeting Schedules Eaton

Annually, the MSRC considers a proposed meeting schedule for the coming year. The schedule continues with meetings on the first and third Thursdays, respectively for the MSRC-TAC and MSRC, with three exceptions. Staff recommends the MSRC-TAC meetings in January and December be held on the second Thursday of the month to avoid holiday conflicts. Staff further recommends that the MSRC and MSRC-TAC not hold any scheduled meetings in July, similar to the South Coast AQMD Board and its committees.

3. Summary of Final Reports by MSRC Contractors Gorski

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

Information Only – Receive and File

4. MSRC Contracts Administrator’s Report Ravenstein

This report covers key issues addressed by MSRC staff, status of open contracts, and administrative scope changes from September 28, 2023 through January 3, 2024.

5. Financial Report on AB 2766 Discretionary Fund Sandoval

Financial Report for December 2023.

6. Report on Outreach Activities Better World Group

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

FYs 2016-18 WORK PROGRAM

7. Consider Nine-Month Term Extension by City of Gardena (GTrans), Contract #MS18027 (\$365,000 – Install New Limited Access CNG Station, Modify Maintenance Facility & Train Mechanics) Ravenstein
- Gtrans requests approval of a nine-month term extension due to longer than anticipated time for delivery of electrical switchgear box and subsequent delays with permits and inspections. This contract was previously extended a total of 28 months. The MSRC Contracts Administrator recommends approval. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL**

FYs 2018-21 WORK PROGRAM

8. Consider 18-Month Term Extension by MHX, LLC, Agreement #MS21010 (\$569,275 – Deploy One Zero Emission Overhead Crane) Ravenstein
- MHX requests an 18-month term extension due to supply chain challenges. This agreement has not previously been extended. The MSRC Contracts Administrator recommends approval. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL**

ACTION CALENDAR (Items 9 through 10)

FYS 2021-24 WORK PROGRAM

9. Consider a Cooperative Agreement with Los Angeles County Metropolitan Transportation Authority (Metro) to Pursue Funding Opportunities and Proposals for a Los Angeles County Heavy-Duty Truck Electrified and Alternative Fuel Transportation System Gorski
- Both MSRC and Metro are interested in the deployment of zero emission trucks in the Interstate 710 (I-710) corridor as soon as possible. As part of its Work Program, MSRC is seeking partners to help facilitate investment in publicly accessible infrastructure to support an equitable transition of goods movement trucks to zero emissions. Metro is interested in funding projects identified in responses to MSRC’s Fiscal Year 2021-24 Request for Information for Publicly Accessible Goods Movement Zero-Emission Infrastructure. The MSRC is asked to approve that South Coast AQMD enter into a cooperative agreement with Metro to facilitate the pursuit of shared objectives. The agreement specifies that the parties would jointly pursue funding opportunities and proposals regarding electrified and alternative fuel transportation system for heavy duty commercial vehicles in Los Angeles County. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL**

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

Gorski

MSRC RFI 2023-01, with a closing date of November 30, 2022, requested submittal of Information Packages seeking partnerships to facilitate investment in zero-emission infrastructure to support the transition of goods movement trucks to zero-emissions within the South Coast AQMD region. A total of \$50M was allocated by the MSRC for this Work Program category. To date, multiple RFI responses have been reviewed and approved by the MSRC.

On December 1, 2023, the South Coast AQMD issued Program Announcement PA2024-02 under the Carl Moyer Memorial Air Quality Standards Attainment Program. This funding opportunity seeks applications for the implementation of zero-emission fueling infrastructure, including electric charging infrastructure and hydrogen refueling, to support medium and heavy-duty zero emission trucks. A total of up to \$200 million is available. The application period will close on February 6, 2024.

The availability of Carl Moyer funding for zero-emission infrastructure projects presents an opportunity for the MSRC to partner with RFI respondents and potentially leverage MSRC **Clean Transportation Funding™**. If successful, this fund leveraging would allow the MSRC to expand the number of projects receiving funding under RFI 2023-01, as well as additional clean air programs at the MSRC's discretion.

Three respondents to the RFI that, to date, have not received MSRC funding, seek to partner with the MSRC and pursue funding under the Carl Moyer Program Announcement PA2024-02. As discussed in the Staff Report, MSRC Staff request that the MSRC-TAC consider a recommendation to the MSRC to award conditional funding totaling \$26,980,000 to the Southern California Gas Company, Penske Truck Rental, and Pilot Flying J in the amounts described herein to partner in seeking funding under PA2024-02. MSRC funding would be conditioned on successful project selection by the South Coast AQMD. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL**

OTHER BUSINESS

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

McCallon

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

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

ADJOURNMENT

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

Americans with Disabilities Act and Language Accessibility

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

Pursuant to SB 343

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

Contacts:

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

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

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

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INSTRUCTIONS FOR ELECTRONIC PARTICIPATION

Instructions for Participating in a Virtual Meeting as an Attendee

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

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

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

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

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

If interpretation is needed, more time will be allotted.

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

Directions for Video ZOOM on a DESKTOP/LAPTOP:

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

Directions for Video Zoom on a SMARTPHONE:

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

Directions for TELEPHONE line only:

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

AGENDA ITEM # 1

Minutes of the October 19, 2023
MSRC Meeting



**MOBILE SOURCE AIR POLLUTION REDUCTION REVIEW COMMITTEE
THURSDAY, OCTOBER 19, 2023 MEETING MINUTES
21865 Copley Drive, Diamond, Bar, CA 91765**

Pursuant to Assembly Bill 361 the MSRC meeting was held at 2:00 p.m. on Thursday, October 19, 2023 through a hybrid format of in-person attendance in Conference Room CC-8 at the South Coast AQMD Headquarters, 21865 Copley Drive, Diamond Bar, California, and/or virtual attendance via videoconferencing and by telephone.

MEMBERS PRESENT:

(Chair) Larry McCallon, representing San Bernardino County Transportation Authority (SBCTA)
(Vice-Chair) Brian Berkson, representing Riverside County Transportation Commission (RCTC)
Curt Hagman, representing South Coast AQMD
Patrick Harper, representing Orange County Transportation Authority (OCTA)
Mark Henderson, representing Southern California Association of Governments (SCAG)
Rena Lum (Alt.), representing Los Angeles County Metropolitan Transportation Authority (Metro)
William Robertson, California Air Resources Board (CARB)

MEMBERS ABSENT:

Cindy Allen (Alt.), representing SCAG
Steve Veres, representing Metro
Peter Christensen (Alt.), representing CARB
Katrina Foley (Alt.), representing OCTA
Linda Krupa (Alt.), representing RCTC
John Dutrey (Alt.), representing SBCTA

MSRC-TAC MEMBERS PRESENT:

Steven Lee, representing Metro
Rongsheng Luo, representing SCAG

OTHERS PRESENT:

Bryan Ochoa, City of Los Angeles
Claire Garcia
Jason Kang, City of Long Beach

Jivar Afshar
Mark Abramowitz
Mike Martinez
Sam Emmersen, Better World Group
Tommy Cottingham, JBHT
Sina Taghavee

SOUTH COAST AQMD STAFF & CONTRACTORS PRESENT:

Anish Pathak, Financial Analyst
Cynthia Ravenstein, MSRC Contracts Administrator
Daphne Hsu, Principal Deputy District Counsel
De Groenveld, Sr. Information Technology Specialist
Debra Ashby, Sr. Public Affairs Specialist
Donna Vernon, Administrative Assistant
Fan Xu, Program Supervisor
Kristin Remy, Sr. Administrative Assistant
Lane Garcia, Program Supervisor
Marjorie Eaton, Administrative Assistant
Matt Mackenzie, MSRC Contracts Assistant
Mei Wang, Assistant Deputy Executive Officer
Michael Miller, Board Member Assistant
Ray Gorski, MSRC Technical Advisor-Contractor
Sindy Enriquez, MSRC Contracts Assistant

CALL TO ORDER

- Chair McCallon called the meeting to order at 2:02 p.m.
- Roll call was taken at the start of the meeting.
- Chair McCallon, as part of opening comments, presented Mark Yamarone with a certificate of appreciation from the MSRC.

Chair McCallon asked the committee for any other opening comments.

No other opening comments.

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

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

Brian Berkson requested that this Update be distributed earlier than right before the meeting. Ravenstein said that would be feasible.

- Chair McCallon asked for disclosures.

Items #11 – MSRC Member William Robertson commented he must recuse himself from participation in Agenda Item 11 because of a financial interest in his employment with the California Air Resources Board, which is involved in this item.

Item #2 - MSRC Vice-Chair Brian Berkson commented he does not have a financial interest, but is required to identify for the record that he is a Commissioner for Riverside County Transportation Commission which is involved in this item.

Item #11 – MSRC Member Curt Hagman commented he does not have a financial interest, but is required to identify for the record that he is a member of the Governing Board for the South Coast AQMD which is involved in this item.

Item #11 – MSRC Chair Larry McCallon commented he does not have a financial interest, but is required to identify for the record that he is a member of the Governing Board for the South Coast AQMD which is involved in this item.

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

No public comment.

CONSENT ITEMS (Items 1 through 9):

Information Only – Receive and Approve

1. Minutes of February 16, 2023 MSRC Meeting

Moved by Hagman; seconded by Henderson; under approval of Consent Calendar Items #1-9, item unanimously approved.

Ayes: Hagman, Henderson, Harper, Lum, Robertson, Berkson, McCallon

Noes: None

Action: Staff will include the minutes of the February 16, 2023 MSRC Meeting in the MSRC Committee Report for the November 3, 2023 South Coast AQMD Board meeting.

2. Summary of Final Reports by MSRC Contractors

-Riverside County Transportation Commission, Contract #MS14059 (\$1,250,000-Implement Various Traffic Signal Synchronization Projects)

-City of Riverside, Contract #MS16110 (\$270,000-Expansion of Existing CNG Station and Maintenance Facility Improvements)

-Green Fleet Systems, LLC, Contract #MS21014 (\$300,000-Deploy Three Near-Zero Emission Trucks)

Moved by Hagman; seconded by Henderson; under approval of Consent Calendar Items #1-9, item unanimously approved.

Ayes: Hagman, Henderson, Harper, Lum, Robertson, Berkson, McCallon

Noes: None

Action: No further action is required.

Information Only – Receive and File

3. MSRC Contracts Administrator's Report

The MSRC AB 2766 Contracts Administrator's Report for July 27 through September 27, 2023 was included in the agenda package.

Moved by Hagman; seconded by Henderson; under approval of Consent Calendar Items #1-9, item unanimously approved.

Ayes: Hagman, Henderson, Harper, Lum, Robertson, Berkson, McCallon

Noes: None

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

4. Financial Report on AB 2766 Discretionary Fund

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

Moved by Hagman; seconded by Henderson; under approval of Consent Calendar Items #1-9, item unanimously approved.

Ayes: Hagman, Henderson, Harper, Lum, Robertson, Berkson, McCallon

Noes: None

Action: No further action is required.

5. Report on Outreach Activities

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

Moved by Hagman; seconded by Henderson; under approval of Consent Calendar Items #1-9, item unanimously approved.

Ayes: Hagman, Henderson, Harper, Lum, Robertson, Berkson, McCallon

Noes: None

Action: No further action is required.

For Approval – As Recommended

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

The City requests to increase the number of charging stations to be installed from 50 limited-access Level II stations to 74 limited-access Level II stations. The City also requests an initial two-year term extension.

Moved by Hagman; seconded by Henderson; under approval of Consent Calendar Items #1-9, item unanimously approved.

Ayes: Hagman, Henderson, Harper, Lum, Robertson, Berkson, McCallon
Noes: None
Action: MSRC Staff will amend the above contract accordingly.

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

The City requests to increase the number of charging stations to be installed from 6 dual-port Level II stations to 19 dual-port Level II stations. The City also requests an initial seventeen-month term extension.

Moved by Hagman; seconded by Henderson; under approval of Consent Calendar Items #1-9, item unanimously approved.

Ayes: Hagman, Henderson, Harper, Lum, Robertson, Berkson, McCallon
Noes: None
Action: MSRC Staff will amend the above contract accordingly.

8. Consider 9-Month Extension by City of Los Angeles, Contract #ML 18145 (\$1,400,000 – Purchase 11 Heavy-Duty Zero Emission Vehicles (ZEVs) & Provide 100 ZEV Taxi Rebates)

The City indicates that restrictions associated with the COVID-19 pandemic drastically reduced manufacturing capabilities at BYD, the manufacturer they had selected to supply their order of 130 electric buses. The City requests a 9-month term extension.

Moved by Hagman; seconded by Henderson; under approval of Consent Calendar Items #1-9, item unanimously approved.

Ayes: Hagman, Henderson, Harper, Lum, Robertson, Berkson, McCallon
Noes: None
Action: MSRC Staff will amend the above contract accordingly.

9. Consider One year Term Extension by City of Eastvale, Contract #MS 18064 (\$80,400 – Purchase 2 Light Duty and 1 Medium-Duty Zero-Emission Vehicles and Install EV Infrastructure)

The City states that the medium-duty ZEV is now scheduled for production in November and requests a one-year term extension.

Moved by Hagman; seconded by Henderson; under approval of Consent Calendar Items #1-9, item unanimously approved.

Ayes: Hagman, Henderson, Harper, Lum, Robertson, Berkson, McCallon
Noes: None
Action: MSRC Staff will amend the above contract accordingly.

ACTION ITEMS (Item 10 through 11):

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

Cynthia Ravenstein, MSRC Contracts Administrator, presented that the current Technical Advisor's contract expires December 31, 2023. This contract includes an option to extend the contract for two additional years for an amount of \$385,700. The alternative would be to develop an RFP to solicit for technical advisory services. The MSRC-TAC is recommending approval to exercise the two-year option to extend the contract until December 31, 2025.

The funding would be allocated in a particular way. Because the Technical Advisor's work is not administrative, for future fiscal years it is proposed that the Technical Advisor's contract be completely under the Work Program. In the administrative budget that the MSRC has already approved for this fiscal year, funding is allocated for the Technical Advisor's contract. This action would not change what was already adopted in the administrative budget for this fiscal year. Accounting for the Technical Advisor's contract under the Work Program would allow for the more flexibility in the administrative budget.

Chair McCallon commented that the administrative budget is a certain amount now and a portion of it is the Technical Advisor's salary. He asked what is the plan for the amount to be available?

Ravenstein answered that there is no set plan yet. The cushion under the cap set by law has been shrinking over time.

Anish Pathak, Financial Analyst, commented with respect to the administrative budget over the past fiscal years. After all the expenses were accounted for, in FY 22/23 we had close to \$200,000 balance left, after accounting for the 6 ¼% administrative expense limit that we get allocated. In the most current budget, the amount has dropped down to approximately \$130,000. As we progress through the fiscal years with new labor negotiations coming in, that \$130,000 buffer is bound to decrease over time and eventually we will not be able to sustain the expected staff costs and expenses that are currently in the budget with the amount of administrative expenses we get from the state and DMV.

Chair McCallon asked if there was any intent to increase the account for the administrative budget?

Ravenstein could not say whether it would be contemplated or not. Pathak commented that the 6 ¼% administrative expense limit is under the Health and Safety Code.

Patrick Harper asked if we are allowed to allocate the salary to the Work Program portion?

Ravenstein and Pathak both answered yes. Pathak continued that we have certain staff that work exclusively for the MSRC. Any costs associated with their salaries and benefits are allocated to the MSRC administrative fund. Ravenstein further commented that her salary and those that work under her are completely covered under the administrative budget.

MSRC member Patrick Harper asked if any salaries are under the Work Program.

Ravenstein answered that 75% of the Technical Advisor's contract is currently under the Work Program and 25% under the administrative budget. The change would be after this fiscal year, 100% of the Technical Advisor's salary would be under the Work Program.

Vice Chair Brian Berkson asked who reports to Ray Gorski? Does Cynthia Ravenstein report to Ray Gorski?

Ravenstein answered no she does not. They collaborate but she does not answer to him.

Vice Chair Berkson wants it to be clear that there is a distinction between what Ray Gorski does and what Ravenstein and staff does.

MSRC member Harper addressed the attorney and asked if the MSRC has discretion to allocate between the administrative and Work Program accounts and are there certain rules they must follow.

Daphne Hsu, Principal Deputy District Counsel, answered it is based on the nature of Ray Gorski's work.

Mr. Harper stated that if we change it, it should be based on the nature of his work not what is in the budget.

Pathak commented that previously, decades ago, the Technical Advisor did do administrative work thus the 75/25 ratio allocated.

Ravenstein stated that this gives a preview of some of the policy changes she will be recommending. Out of date policy language dates from the time the Technical Advisor used to do some of the administrative work. The Technical Advisor no longer does and this is now handled by Ravenstein and her staff. Going back further, it used to be that the administrative expenses for the MSRC were capped at 5% of the total revenue. As the cost of staff and expenses went up over time the amount the MSRC was coming under that cap was slowly eroding. Then a change in the legislation increased the cap to 6 ¼%. As time goes on, even 6 ¼% may not necessarily be enough to cover those expenses.

Ray Gorski commented that the day-to-day administrative costs keep rising. As you bump up against the set cap you need to look to offload things. At one time the Technical Advisor had a different name and a different function and it was 100% out of the administrative budget. Back in the 1990s the CARB representative, Roberta Hughan, made a recommendation that based upon the nature of the work, that it would be more appropriate to move his position into the Work Program. They did keep a little under administration because there have been times when he had to step in to cover the administrative functions of this program.

Vice-Chair Berkson commented if that leads him to believe that we need to have a percentage of your salary within the administrative budget to cover those scenarios where your position has to take over for some administrative things.

MSRC member Curt Hagman asked how much are we talking about.

Pathak answered \$48,200 per fiscal year.

Mr. Hagman commented he is not worried about this too much. Ready to move when you are ready.

Chair McCallon addressed Ray Gorski and stated that he is doing an outstanding job. If we were to do an RFP we wouldn't be able to find anyone with the background that you have. This salary doesn't include any benefits, no retirement, no medical insurance, no vacation, etc.

Vice-Chair Brian Berkson commented that in typical scenarios of this type we get an idea of what you were making in the past year, an idea of any negotiations between the Chair and yourself or any committee assigned to have a negotiation. He asked that they be provided that information.

Ray Gorski answered that he can assure you that he has received no raises for four years, irrespective of what the cost of living or inflation is.

Chair McCallon asked for public comment on this item.

No public comment.

Moved by Hagman to extend the Technical Advisor's contract for additional two years; seconded by McCallon; item unanimously approved.

Ayes: Hagman, Henderson, Harper, Lum, Robertson, Berkson, McCallon

Noes: None

Action: MSRC Staff will place this item on the November 3, 2023 South Coast AQMD Board agenda for approval.

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

Dr. William Robertson recused himself from this item and left the meeting at 2:26 p.m.

Ray Gorski introduced today's presentation by the South Coast AQMD who is seeking to enter a partnership with the MSRC for two proposals to CARB.

Mei Wang, Assistant Deputy Executive Officer introduced Dr. Fan Xu, Program Supervisor, to make the presentation.

Dr. Xu related that CARB offers an Advanced Technology Demonstration and Pilot Project program. South Coast AQMD has received funding from this program in the past, including for the recent JETSI project for which the MSRC was one of the funding partners. This program will provide funding for demonstration and deployment of pre-commercial and commercial near zero and zero emission technologies. This year CARB created a separate project category for municipal vehicles and equipment. \$225 million available from CARB/CEC under this solicitation, CARB will fund up to 50% of the total project costs up to a cap of \$50 million per project. Awards are anticipated late this year or early 2024, and the proposal submission deadline is October 26, 2023. South Coast AQMD was approached by Volvo and Mightycomm for partnership to respond to this solicitation.

Two proposals have been developed as a result: Proposal number 1: Strategic Pathways for Extended Electric Drayage (SPEED) and Proposal number 2: California Transportation Electrification Advancement for Municipalities (CA TEAM). Together, these two proposals will create a network of electric goods movement across multiple air districts with local cities being supported with battery

electric refuse trucks, shuttle buses, and other vehicles and equipment.

The total project cost for the SPEED proposal is estimated at \$99 million. Majority of funding going to truck deployment and for fleets requiring new chargers. While they are still finalizing the cost share for the two proposals, South Coast AQMD plans to contribute at least \$3 million between the two. The Fleets and Volvo will also be contributing to the cost share. They would like to request \$2 million from the MSRC to fund the truck deployment in the South Coast.

In the CA TEAM proposal, there will be battery electric refuse trucks, shuttle buses, fire trucks and a few different types of construction equipment to be deployed. Cities of Los Angeles, Riverside, Sacramento and Clovis are participating. The total project cost is estimated at \$65 million. The cities will fulfill the majority of the cost share along with contributions from their respective air districts. South Coast AQMD plans to contribute at least \$2.5 million from the Clean Fuels Fund for this proposal. Would like to request \$1 million from the MSRC to fund the South Coast cities.

Ray Gorski commented that communication with the South Coast AQMD was extensive as they were going through the formation of their responses. High level of comfort that the MSRC's contribution would support the South Coast AQMD's proposals from a competitive standpoint. The allocation of the \$3 million which is requested from the MSRC, will align well with the MSRC's current Work Program, especially the drayage trucks deployment which will support goods movement. MSRC funding is available through the unallocated portion of the Discretionary Fund. This gives us the opportunity to leverage MSRC dollars in a competitive solicitation environment. Staff's recommendation is to move forward with this partnership.

Chair McCallon asked how much would be left in the unallocated portion of the Discretionary Fund?

Anish Pathak answered approximately \$36 million.

Chair McCallon asked for public comment on this item.

No public comment.

Moved by Harper to approve the \$3 million contribution for both proposals; seconded by Berkson; item unanimously approved.

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

Noes: None

Action: Staff will place this item on the November 3, 2023 South Coast AQMD Board agenda for approval as part of the FYs 2021-24 Work Program

OTHER BUSINESS:

12. Other Business

Ray Gorski announced that staff is making a recommendation for your consideration. Understanding that there are new members to the MSRC and you have adopted a three-year Work Program, staff feels it might be beneficial to everyone that we update you on the progress on the current Work Program, update you on regulatory actions which have taken place within the state agencies and provide the MSRC or MSRC-TAC an opportunity to ask questions, provide feedback and guidance as it pertains to next steps. With the MSRC's blessing staff will prepare some presentations for the November meeting.

Chair McCallon thinks it's a good idea and very appropriate with the amount of turnover.

PUBLIC COMMENT PERIOD

No public comments.

ADJOURNMENT

The meeting adjourned at 2:40 p.m.

NEXT MEETING

Thursday, November 16, 2023 at 2:00 p.m.

[Prepared by Marjorie Eaton]

AGENDA ITEM # 2

Consider Adoption of
2024 Meeting Schedules

2024 MEETING SCHEDULE

TAC Meeting Dates

Thursday, January 11
(second Thursday)

Thursday, February 1

Thursday, March 7

Thursday, April 4

Thursday, May 2

Thursday, June 6

Thursday, August 1

Thursday, September 5

Thursday, October 3

Thursday, November 7

Thursday, December 12
(second Thursday)

MSRC Meeting Dates

Thursday, January 18

Thursday, February 15

Thursday, March 21

Thursday, April 18

Thursday, May 16

Thursday, June 20

Thursday, August 15

Thursday, September 19

Thursday, October 17

Thursday, November 21

Thursday, December 19

All regularly scheduled MSRC-TAC meetings are held on the first Thursday of every month at 1:30 p.m., unless otherwise noted. All regularly scheduled MSRC meetings are held on the third Thursday of every month at 2:00 p.m., unless otherwise noted.

Meeting agendas can be viewed on the MSRC's website at <http://www.cleantransportationfunding.org>.

AGENDA ITEM # 3

Summary of Final Report
by MSRC Contractors



MSRC Agenda Item No. 3

Date: January 18, 2024
From: Ray Gorski, MSRC Technical Advisor
Subject: Final Reports Received and Reviewed

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

- OmniTrans, Contract #MS18180 in the amount of \$83,000 – Methane Detection System – I Street Facility
- Costco Wholesale, Contract #MS21025 in the amount of \$160,000 – Offroad Transportation Electrification

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

OmniTrans – Methane Detection System, I Street Facility

Project Description & Work Performed

Omnitrans upgraded the existing Paratransit Vehicle Maintenance and Storage Facility to accommodate the repair of Natural Gas Vehicles (NVGs). Work included mechanical, plumbing, and electrical connections to all equipment. All conduit, piping, and ancillary items needed for a code-compliant functional installation was provided by the installation contractor.

The work performed included the following:

- New methane Gas detection system.
- New mechanical HVAC and radiant heating System. Electrical and lighting upgrades.
- Structural components to support new HVAC equipment.
- New motorized operators for three existing sectional doors.

Issues Encountered

In developing the original scope of work, our internal staff identified the need for multiple pieces of equipment to install an updated methane detection system. This is the system that was submitted to MSRC for the project.



Based on the technical expertise of the engineering design firm, it was identified that the same results could be achieved using fewer pieces of stand-alone equipment. The system design that was chosen for the project uses more centralized systems to achieve the same results.

The design modifications in the areas of exhaust fans and radiant heating were changed to more centralized systems (rather than independent local pieces of equipment) by utilizing distribution systems to include duct work and heat exchanger pipes. The new design offers the same coverage of the shop areas needed for the proper amount of air exchanges, exhaust mitigation and heating needs with fewer pieces of equipment.

Omnitrans will still achieve all goals and deliverables as identified in the project application. The change in scope is only related to the amount and design of the equipment to achieve the project results.

Costco wholesale – Offroad Transportation Electrification

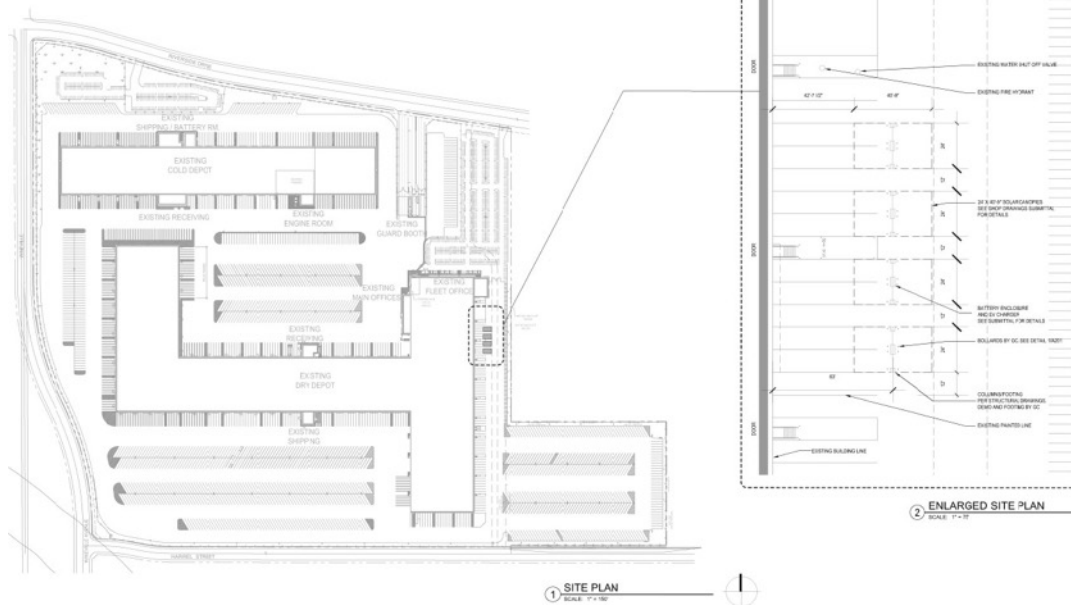
Costco Wholesale supports transportation electrification and is seeking innovative ways to lower emissions, greenhouse gases, and do their part to become more environmentally friendly.

This project involved the installation of four 'off-grid' solar structures (Trinity TS2600's) that integrate solar, energy storage (batteries), inverters, network communications interface, Modbus Cellular, and EV chargers to support the operational use of Orange EV Yard Goat (eTreivers). Trinity was responsible for the design, engineering, and fabrication of structural solar canopies, the installation of the canopy, batteries, inverters and EV chargers. Trinity will also bring to the project Satec/Expert Power to set-up and establish on-going monitoring and reporting.

In addition, Trinity will contract Uptime Charger to be responsible for preventative and emergency maintenance of the four Solar structures, network interface, batteries and inverters as well as the five Orange EV Chargers. The 5 Orange EV Chargers for the project were installed by Costco, with four (4) connected to the 'off-grid' solar structures, and one (1) connected to the grid.



Costco Mira Loma Depot 960 - Fleet Yard 11600 Riverside Drive Mira Loma, CA 91752



SUCCESES:

- Deployment of the first scaled decarbonized, off-grid fleet charging in the U.S.
- Executed the project from original concept discussion in late April to charging 4 months.
- Complete site design to permitting was completed in 4 weeks.
- Total construction was completed in 5 weeks.
- Deployed and integrated with zero interruption in business operations.
- Executed the complete scope under budget and with superior quality.
- Total project exceeds Costco's internal Climate Action Commitments.
- The structures are 100% off-grid in all aspects and will generate in excess of 400kWh when all four structures are on-line during peak season.
- Integrating industry leading cloud-based monitoring and reporting.

CHALLENGES:

- Required speed to execute circumvented our process for integrated electrical design in advance of deployment.
- Issues that cascaded from that decision were primarily around system settings and electrical architecture.
- Battery and Charging optimization were executed after installation, not prior, which led to rolling shut-downs of the structures as we updated settings and hardware.
- Full power metering and automated monitoring are not yet complete, requiring traditional data downloads from the Inverter until the monitoring is live.



Costco

Published by Dani Taijito · 12m ·



The Mobile Source Air Pollution Reduction Review Committee (MSRC) allocates funding from vehicle license fees for local projects to reduce air pollution from motor vehicles. Since 1990, the MSRC has distributed more than \$500 million to projects like the Costco Wholesale Off-Road Transportation Electrification, helping to remove as much as 15,600 tons of air pollution from the skies of Southern California.

[Clean Transportation Funding - MSRC](#)



AGENDA ITEM # 4

MSRC Contracts Administrator's Report

MSRC Agenda Item No. 4

DATE: January 18, 2024

FROM: Cynthia Ravenstein

SUBJECT: AB 2766 Contracts Administrator's Report

SYNOPSIS: This report covers key issues addressed by MSRC staff, status of open contracts, and administrative scope changes from September 28, 2023 to January 3, 2024.

RECOMMENDATION: Receive and file report

WORK PROGRAM IMPACT: None

Contract Execution Status

2021-24 Work Program

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

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

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

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

On November 3, 2023, the SCAQMD Governing Board approved an allocation for partnership with SCAQMD and other partners in proposals seeking funding under the CARB "Advanced Technology Demonstration and Pilot Projects" solicitation. If proposal(s) are awarded funding, contract(s) will be administered by SCAQMD on behalf of the MSRC.

Work Program Status

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

FY 2011-12 Work Program Contracts

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

FY 2011-12 Invoices Paid

No invoices were paid during this period.

FYs 2012-14 Work Program Contracts

3 contracts from this Work Program year are open, and 9 are in “Open/Complete” status. 3 contracts closed during this period: Fullerton Joint Union High School District, Contract #MS14075 – Expansion of Existing CNG Infrastructure/Mechanic Training; Hacienda La Puente Unified School District, Contract #MS14083 – New Limited Access CNG Station; and Riverside County Transportation Commission, Contract #MS14059 – Implement Various Signal Synchronization Projects. One contract was cancelled during this period: Riverside County Regional Park & Open Space District, Contract #ML14021 – Bicycle Trail Improvements. \$250,000 reverted to the AB2766 Discretionary Fund from this contract.

FYs 2012-14 Invoices Paid

No invoices were paid during this period.

FYs 2014-16 Work Program Contracts

10 contracts from this Work Program year are open, and 13 are in “Open/Complete” status. 3 contracts passed into “Open/Complete” status during this period: Omnitrans, Contract #MS16120 – Repower 63 Existing Buses; City of Eastvale, Contract #ML16040 – Install EV Charging Infrastructure; and City of Riverside, Contract #MS16110 – Expansion of CNG Station and Maintenance Facility Modifications. 5 contracts closed during this period: City of Cathedral City, Contract #ML16006 – Bicycle Outreach; City of Beverly Hills, Contract #ML16070 – Purchase 3 Heavy-duty Natural Gas Vehicles; Omnitrans, Contract #MS16117 – Expansion of CNG Infrastructure in San Bernardino; Omnitrans, Contract #MS16118 – Expansion of CNG Infrastructure in Montclair; and Orange County Transportation Authority, Contract #MS16123 – Install La Habra Union Pacific Bikeway.

FYs 2014-16 Invoices Paid

2 invoices totaling \$252,131.56 were paid during this period.

FYs 2016-18 Work Program Contracts

47 contracts from this Work Program year are open, and 57 are in “Open/Complete” status. 8 contracts passed into “Open/Complete” status during this period: Los Angeles County MTA, Contract #MS18073 – Purchase 40 Zero-emission Transit Buses; Capistrano Unified School District, Contract #MS18108 – Expansion of Existing Infrastructure; City of Glendale, Contract #ML18059 – Install EV Charging Infrastructure; City of Fontana, Contract #ML18144 – Install EV Charging Infrastructure; Mountain View Unified School District, Contract #MS18110 – Install New Limited-Access CNG Infrastructure; City of Indian Wells, Contract #ML18036 – Install EV Charging Infrastructure; City of Rolling Hills Estates, Contract #ML18141 – Purchase One Light-duty ZEV and Install EV Charging Infrastructure; and City of Rialto, Contract #ML18159 – Purchase 9 Light-duty ZEVs and Install EV Charging Infrastructure. 6 contracts closed during this

period: City of La Quinta, Contract #ML18142 – Install EV Charging Infrastructure; Riverside County Transportation Commission, Contract #MS18023 – Weekend Freeway Service Patrols; City of Chino, Contract #ML18056 – Install EV Charging Infrastructure; City of Culver City, Contract #ML18076 – Purchase One Light-duty ZEV; City of Aliso Viejo, Contract #ML18128 – Purchase 2 Light-duty ZEVs and Install EV Charging Infrastructure; and City of La Monterey Park, Contract #ML18093 – Purchase Heavy-duty Near-zero emission vehicle. #ML18093 was closed as an incomplete contract because the City was not able to take delivery and the MSRC had specified that the contract could not receive any further extensions. \$25,000 reverted to the AB 2766 Discretionary Fund.

FYs 2016-18 Invoices Paid

7 invoices totaling \$283,148.75 were paid during this period.

FYs 2018-21 Work Program Contracts

13 contracts from this Work Program year are open, and 2 are in “Open/Complete” status. 2 contracts passed into “Open/Complete” status during this period: Penske Truck Leasing, Contract #MS21007 – Deploy 5 Zero Emission Yard Tractors; and Green Fleet Systems, Contract #MS21014 – Deploy 3 Near Zero Emission Trucks.

FYs 2018-21 Invoices Paid

11 invoices totaling \$2,253,505.25 were paid during this period.

FYs 2021-24 Work Program Contracts

2 contracts from this Work Program year are open.

FYs 2021-24 Invoices Paid

No invoices were paid during this period.

Administrative Scope Changes

2 administrative scope changes were initiated during the period from September 28, 2023 to January 3, 2024.

- Pac Anchor Transportation, Contract #MS21018 (Purchase 23 Near-Zero Emission Class 8 Trucks) – Reduce scope from 23 trucks to 21 trucks and reduce value from \$2,300,000 to \$2,100,000
- County of Los Angeles, Contract #ML18060 (Purchase 29 Light-Duty Zero Emission Vehicles, 1 Med/Heavy Duty ZEV, 6 Heavy-Duty Near-Zero Vehicles and Install EV Charging Stations) – Remove tasks and funding associated with heavy-duty ZEV and change completion deadline for EV charging station installations (no change to contract term)

Attachments

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



AB2766 Discretionary Fund Program Invoices

November 30, 2023 to January 3, 2024

Contract Admin.	MSRC Chair	MSRC Liaison	Finance	Contract #	Contractor	Invoice #	Amount
<i>2016-2018 Work Program</i>							
12/28/2023				ML18047	City of Whittier	8020000877	\$22,782.00
12/28/2023				ML18047	City of Whittier	8020000863	\$22,782.00
12/12/2023	12/14/2023	12/15/2023		ML18089	City of Glendora	Final	\$50,760.00
Total: \$96,324.00							
<i>2018-2021 Work Program</i>							
12/13/2023	12/14/2023	12/15/2023		MS21006	Geographics	23-23472	\$373.00
12/7/2023	12/14/2023	12/15/2023		MS21002	Better World Group Advisors	WG-MSRC4	\$6,659.55
12/7/2023	12/14/2023	12/15/2023		MS21002	Better World Group Advisors	WG-MSRC4	\$2,591.60

Total: \$9,624.15

Total This Period: \$105,948.15



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

1/4/2024

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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML12047	City of Orange	2/1/2013	1/31/2019		\$30,000.00	\$30,000.00	One Heavy-Duty Nat. Gas Vehicle	\$0.00	Yes
ML12049	City of Rialto Public Works	7/14/2014	9/13/2015		\$30,432.00	\$3,265.29	EV Charging Infrastructure	\$27,166.71	Yes
ML12050	City of Baldwin Park	4/25/2013	4/24/2014	10/24/2014	\$402,400.00	\$385,363.00	EV Charging Infrastructure	\$17,037.00	Yes
ML12054	City of Palm Desert	9/30/2013	2/28/2015		\$77,385.00	\$77,385.00	EV Charging Infrastructure	\$0.00	Yes
ML12055	City of Manhattan Beach	3/1/2013	12/31/2018		\$10,000.00	\$10,000.00	One Medium-Duty Nat. Gas Vehicle	\$0.00	Yes
ML12056	City of Cathedral City	3/26/2013	5/25/2014		\$25,000.00	\$25,000.00	Regional Street Sweeping Program	\$0.00	Yes
ML12057	City of Coachella	8/28/2013	8/27/2019	1/27/2022	\$57,456.00	\$57,456.00	Purchase One Nat. Gas H.D. Vehicle/Street	\$0.00	Yes
ML12066	City of Manhattan Beach	1/7/2014	4/6/2015		\$5,900.00	\$5,900.00	Electric Vehicle Charging Infrastructure	\$0.00	Yes
ML12091	City of Bellflower	10/5/2018	10/4/2019	6/30/2022	\$100,000.00	\$49,230.44	EV Charging Infrastructure	\$50,769.56	Yes
MS12001	Los Angeles County MTA	7/1/2012	4/30/2013		\$300,000.00	\$211,170.00	Clean Fuel Transit Service to Dodger Stadium	\$88,830.00	Yes
MS12002	Orange County Transportation 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 Stadium	\$67,003.88	Yes
MS12004	USA Waste of California, Inc.	10/24/2013	11/23/2019		\$175,000.00	\$175,000.00	Construct New Limited-Access CNG Station	\$0.00	Yes
MS12005	USA Waste of California, Inc.	10/19/2012	8/18/2013		\$75,000.00	\$75,000.00	Vehicle Maintenance Facility Modifications	\$0.00	Yes
MS12006	Waste Management Collection & Re	10/19/2012	8/18/2013		\$75,000.00	\$75,000.00	Vehicle Maintenance Facility Modifications	\$0.00	Yes
MS12008	Bonita Unified School District	7/12/2013	12/11/2019	4/11/2021	\$175,000.00	\$175,000.00	Construct New Limited-Access CNG Station	\$0.00	Yes
MS12009	Sysco Food Services of Los Angeles	1/7/2014	4/6/2020		\$150,000.00	\$150,000.00	Construct New Public-Access LNG Station	\$0.00	Yes
MS12010	Murrieta Valley Unified School 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 Dist	12/20/2012	5/19/2014		\$75,000.00	\$75,000.00	Vehicle Maintenance Facility Modifications	\$0.00	Yes
MS12024	Southern California Gas Company	6/13/2013	12/12/2019	11/12/2020	\$150,000.00	\$150,000.00	Construct New Public-Access CNG Station -	\$0.00	Yes
MS12025	Silverado Stages, Inc.	11/2/2012	7/1/2018		\$150,000.00	\$150,000.00	Purchase Six Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12026	U-Haul Company of California	3/14/2013	3/13/2019		\$500,000.00	\$353,048.26	Purchase 23 Medium-Heavy Duty Vehicles	\$146,951.74	Yes
MS12028	Dy-Dee Service of Pasadena, Inc.	12/22/2012	1/21/2019		\$45,000.00	\$40,000.00	Purchase 2 Medium-Duty and 1 Medium-He	\$5,000.00	Yes
MS12029	Community Action Partnership of Or	11/2/2012	11/1/2018		\$25,000.00	\$14,850.00	Purchase 1 Medium-Heavy Duty Vehicle	\$10,150.00	Yes
MS12031	Final Assembly, Inc.	11/2/2012	11/1/2018		\$50,000.00	\$32,446.00	Purchase 2 Medium-Heavy Duty Vehicles	\$17,554.00	Yes
MS12032	Fox Transportation	12/14/2012	12/13/2018		\$500,000.00	\$500,000.00	Purchase 20 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12033	Mike Diamond/Phace Management	12/22/2012	12/21/2018	6/21/2021	\$148,900.00	\$148,900.00	Purchase 20 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12034	Ware Disposal Company, Inc.	11/2/2012	11/1/2018	5/1/2022	\$133,070.00	\$133,070.00	Purchase 8 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12035	Disneyland Resort	1/4/2013	7/3/2019		\$25,000.00	\$18,900.00	Purchase 1 Medium-Heavy Duty Vehicle	\$6,100.00	Yes
MS12036	Jim & Doug Carter's Automotive/VSP	1/4/2013	11/3/2018		\$50,000.00	\$50,000.00	Purchase 2 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12058	Krisda Inc	4/24/2013	1/23/2019		\$25,000.00	\$25,000.00	Repower One Heavy-Duty Off-Road Vehicle	\$0.00	Yes
MS12059	Orange County Transportation 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

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

Total: 73

Closed/Incomplete Contracts

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

Total: 4

Open/Complete Contracts

ML12045	City of Baldwin Park DPW	2/14/2014	12/13/2020	12/13/2026	\$400,000.00	\$400,000.00	Install New CNG Station	\$0.00	Yes
MS12083	Brea Olinda Unified School District	7/30/2015	2/29/2024		\$59,454.00	\$59,454.00	Install New CNG Infrastructure	\$0.00	Yes

Total: 2

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

Open Contracts

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

Total: 3

Declined/Cancelled Contracts

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
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 Mirad	\$75,000.00	No
MS14038	Penske Truck Leasing Co., L.P.				\$75,000.00	\$0.00	Vehicle Maint. Fac. Modifications - Fontana	\$75,000.00	No
MS14043	City of Anaheim				\$175,000.00	\$0.00	Expansion of Existing CNG Station	\$175,000.00	No
MS14078	American Honda Motor Co., Inc.	9/4/2015	8/3/2022		\$150,000.00	\$0.00	New Public Access CNG Station	\$150,000.00	No
MS14085	Prologis, L.P.				\$100,000.00	\$0.00	New Limited Access CNG Station	\$100,000.00	No
MS14086	San Gabriel Valley Towing I				\$150,000.00	\$0.00	New Public Access CNG Station	\$150,000.00	No
MS14091	Serv-Wel Disposal				\$100,000.00	\$0.00	New Limited-Access CNG Infrastructure	\$100,000.00	No

Total: 12

Closed Contracts

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

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

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

Total: 66

Closed/Incomplete Contracts

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

Total: 6

Open/Complete Contracts

ML14013	City of Los Angeles, Bureau of Sanit	10/7/2016	2/6/2025		\$400,000.00	\$400,000.00	Purchase 14 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML14018	City of Los Angeles Dept of General	3/6/2015	9/5/2021	2/5/2026	\$810,000.00	\$810,000.00	Purchase 27 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML14025	County of Los Angeles Dept of Publi	10/2/2015	7/1/2018	7/1/2024	\$300,000.00	\$300,000.00	Construct New CNG Station in Malibu	\$0.00	Yes
ML14026	County of Los Angeles Dept of Publi	10/2/2015	5/1/2023	5/1/2024	\$300,000.00	\$300,000.00	Construct New CNG Station in Castaic	\$0.00	Yes
ML14062	City of San Fernando	3/27/2015	5/26/2021	10/31/2023	\$325,679.00	\$325,679.00	Expand Existing CNG Fueling Station	\$0.00	Yes
ML14067	City of Duarte	12/4/2015	1/3/2023	6/3/2024	\$60,000.00	\$60,000.00	Purchase Two Electric Buses	\$0.00	Yes
MS14075	Fullerton Joint Union High School Di	7/22/2016	11/21/2023		\$300,000.00	\$293,442.00	Expansion of Existing CNG Infrastructure/Ma	\$6,558.00	Yes
MS14079	Waste Resources, Inc.	9/14/2016	8/13/2022	10/13/2024	\$100,000.00	\$100,000.00	New Limited Access CNG Station	\$0.00	Yes
MS14082	Grand Central Recycling & Transfer	12/4/2015	3/3/2023	3/3/2024	\$150,000.00	\$150,000.00	Construct New Public Access CNG Station	\$0.00	Yes

Total: 9

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

Open Contracts

ML16017	City of Long Beach	2/5/2016	8/4/2023	5/4/2029	\$1,445,400.00	\$1,415,400.00	Purchase 50 Medium-Duty, 17 H.D. Nat. Ga	\$30,000.00	No
ML16022	Los Angeles Department of Water an	5/5/2017	3/4/2024	6/4/2028	\$240,000.00	\$240,000.00	Purchase 8 H.D. Nat. Gas Vehicles	\$0.00	No
ML16025	City of South Pasadena	6/22/2016	4/21/2023	2/21/2025	\$130,000.00	\$0.00	Expand Existing CNG Infrastructure	\$130,000.00	No
ML16039	City of Torrance Transit Department	1/6/2017	9/5/2022	3/27/2026	\$32,000.00	\$0.00	Install Eight Level II EV Chargers	\$32,000.00	No
ML16047	City of Fontana	1/6/2017	8/5/2019	8/5/2024	\$500,000.00	\$0.00	Enhance an Existing Class 1 Bikeway	\$500,000.00	No
ML16057	City of Yucaipa	4/27/2016	1/26/2019	1/26/2024	\$380,000.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$380,000.00	No
ML16075	City of San Fernando	10/27/2016	2/26/2019	8/26/2024	\$354,000.00	\$0.00	Install a Class 1 Bikeway	\$354,000.00	No
ML16077	City of Rialto	5/3/2018	10/2/2021	2/2/2026	\$463,216.00	\$218,708.00	Pedestrian Access Improvements, Bicycle L	\$244,508.00	No
MS16094	Riverside County Transportation Co	1/25/2017	1/24/2022	2/24/2024	\$1,909,241.00	\$0.00	MetroLink First Mile/Last Mile Mobility Strate	\$1,909,241.00	No
MS16121	Long Beach Transit	11/3/2017	4/2/2024	11/30/2028	\$600,000.00	\$570,000.00	Repower 39 and Purchase 1 New Transit Bu	\$30,000.00	No

Total: 10

Declined/Cancelled Contracts

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

Total: 13

Closed Contracts

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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML16018	City of Hermosa Beach	10/7/2016	1/6/2023		\$29,520.00	\$23,768.44	Purchase 2 M.D. Nat. Gas Vehicles, Bicycle	\$5,751.56	Yes
ML16019	City of Los Angeles, Dept of General	1/25/2017	3/24/2023		\$102,955.00	\$102,955.00	Install EV Charging Infrastructure	\$0.00	Yes
ML16020	City of Pomona	4/1/2016	2/1/2018	8/1/2018	\$440,000.00	\$440,000.00	Install Road Surface Bicycle Detection Syste	\$0.00	Yes
ML16023	City of Banning	12/11/2015	12/10/2021		\$30,000.00	\$30,000.00	Purchase 1 H.D. Nat. Gas Vehicle	\$0.00	Yes
ML16024	City of Azusa	4/27/2016	2/26/2022		\$30,000.00	\$30,000.00	Purchase 1 H.D. Nat. Gas Vehicle	\$0.00	Yes
ML16026	City of Downey	5/6/2016	9/5/2017		\$40,000.00	\$40,000.00	Install EV Charging Infrastructure	\$0.00	Yes
ML16027	City of Whittier	1/8/2016	11/7/2022		\$30,000.00	\$30,000.00	Purchase 1 H.D. Nat. Gas Vehicle	\$0.00	Yes
ML16028	City of Azusa	9/9/2016	4/8/2018		\$25,000.00	\$25,000.00	Enhance Existing Class 1 Bikeway	\$0.00	Yes
ML16031	City of Cathedral City	12/19/2015	2/18/2017		\$25,000.00	\$25,000.00	Street Sweeping in Coachella Valley	\$0.00	Yes
ML16032	City of Azusa	9/9/2016	4/8/2019	4/8/2021	\$474,925.00	\$474,925.00	Implement a "Complete Streets" Pedestrian	\$0.00	Yes
ML16033	Coachella Valley Association of Gov	4/27/2016	4/26/2018		\$250,000.00	\$250,000.00	Street Sweeping Operations in Coachella Va	\$0.00	Yes
ML16034	City of Riverside	3/11/2016	10/10/2018	7/10/2020	\$500,000.00	\$500,000.00	Implement a "Complete Streets" Pedestrian	\$0.00	Yes
ML16036	City of Brea	3/4/2016	12/3/2018		\$500,000.00	\$500,000.00	Install a Class 1 Bikeway	\$0.00	Yes
ML16037	City of Rancho Cucamonga	2/5/2016	11/4/2022		\$30,000.00	\$30,000.00	Purchase One Heavy-Duty Natural Gas Vehi	\$0.00	Yes
ML16038	City of Palm Springs	4/1/2016	7/31/2022	9/30/2022	\$170,000.00	\$60,000.00	Install Bicycle Lanes & Purchase 2 Heavy-D	\$110,000.00	Yes
ML16042	City of San Dimas	4/1/2016	12/31/2019	12/31/2021	\$55,000.00	\$55,000.00	Install EV Charging Infrastructure	\$0.00	No
ML16045	City of Anaheim	6/22/2016	8/21/2019		\$275,000.00	\$255,595.08	Maintenance Facility Modifications	\$19,404.92	Yes
ML16046	City of El Monte	4/1/2016	5/31/2021	5/31/2023	\$20,160.00	\$14,637.50	Install EV Charging Infrastructure	\$5,522.50	Yes
ML16049	City of Buena Park	4/1/2016	11/30/2018		\$429,262.00	\$429,262.00	Installation of a Class 1 Bikeway	\$0.00	Yes
ML16050	City of Westminster	5/6/2016	7/5/2020	5/5/2022	\$115,000.00	\$93,925.19	Installation of EV Charging Infrastructure	\$21,074.81	Yes
ML16051	City of South Pasadena	2/12/2016	1/11/2017	12/11/2017	\$320,000.00	\$258,691.25	Implement "Open Streets" Event with Variou	\$61,308.75	Yes
ML16052	City of Rancho Cucamonga	9/3/2016	11/2/2019	3/31/2021	\$315,576.00	\$305,576.00	Install Two Class 1 Bikeways	\$10,000.00	Yes
ML16053	City of Claremont	3/11/2016	7/10/2018	12/10/2020	\$498,750.00	\$498,750.00	Implement a "Complete Streets" Pedestrian	\$0.00	Yes
ML16054	City of Yucaipa	3/26/2016	7/26/2018	10/25/2019	\$120,000.00	\$120,000.00	Implement a "Complete Streets" Pedestrian	\$0.00	Yes
ML16055	City of Ontario	5/6/2016	5/5/2022		\$270,000.00	\$270,000.00	Purchase Nine Heavy-Duty Natural-Gas Veh	\$0.00	Yes
ML16056	City of Ontario	3/23/2016	9/22/2020	9/22/2021	\$106,565.00	\$106,565.00	Expansion of an Existing CNG Station	\$0.00	Yes
ML16059	City of Burbank	4/1/2016	2/28/2022		\$180,000.00	\$180,000.00	Purchase 6 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML16060	City of Cudahy	2/5/2016	10/4/2017		\$73,910.00	\$62,480.00	Implement an "Open Streets" Event	\$11,430.00	Yes
ML16061	City of Murrieta	4/27/2016	1/26/2020		\$11,642.00	\$9,398.36	Installation of EV Charging Infrastructure	\$2,243.64	Yes
ML16062	City of Colton	6/3/2016	7/2/2020		\$21,003.82	\$21,003.82	Installation of EV Charging Infrastructure	\$0.00	Yes
ML16063	City of Glendora	3/4/2016	4/3/2022		\$30,000.00	\$30,000.00	Purchase One H.D. Nat. Gas Vehicle	\$0.00	Yes
ML16064	County of Orange, OC Parks	2/21/2017	10/20/2018		\$204,073.00	\$157,632.73	Implement "Open Streets" Events with Vario	\$46,440.27	Yes
ML16066	City of Long Beach Public Works	1/13/2017	9/12/2018		\$75,050.00	\$63,763.62	Implement an "Open Streets" Event	\$11,286.38	Yes
ML16068	Riverside County Dept of Public Heal	12/2/2016	8/1/2018		\$171,648.00	\$171,648.00	Implement "Open Streets" Events with Vario	\$0.00	Yes
ML16069	City of West Covina	3/10/2017	6/9/2021		\$54,199.00	\$54,199.00	Installation of EV Charging Infrastructure	\$0.00	Yes
ML16070	City of Beverly Hills	2/21/2017	6/20/2023		\$90,000.00	\$90,000.00	Purchase 3 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML16071	City of Highland	5/5/2017	1/4/2020	1/4/2023	\$264,500.00	\$264,500.00	Implement a "Complete Streets" Pedestrian	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML16072	City of Palm Desert	3/4/2016	1/4/2020	1/3/2022	\$56,000.00	\$56,000.00	Installation of EV Charging Infrastructure	\$0.00	Yes
ML16073	City of Long Beach Public Works	1/13/2017	7/12/2017		\$50,000.00	\$50,000.00	Implement an "Open Streets" Event	\$0.00	Yes
ML16076	City of San Fernando	2/21/2017	8/20/2021		\$43,993.88	\$43,993.88	Install EV Charging Infrastructure	\$0.00	Yes
ML16078	City of Moreno Valley	5/6/2016	11/5/2017	5/5/2018	\$32,800.00	\$31,604.72	Install Bicycle Infrastructure & Implement Bi	\$1,195.28	Yes
ML16079	City of Yucaipa	4/1/2016	3/31/2020		\$5,000.00	\$5,000.00	Purchase Electric Lawnmower	\$0.00	Yes
ML16083	City of El Monte	4/1/2016	4/30/2021	4/30/2023	\$57,210.00	\$25,375.60	Install EV Charging Infrastructure	\$31,834.40	Yes
ML16122	City of Wildomar	6/8/2018	6/7/2019		\$500,000.00	\$500,000.00	Install Bicycle Lanes	\$0.00	Yes
ML16126	City of Palm Springs	7/31/2019	7/30/2020	10/30/2020	\$22,000.00	\$19,279.82	Install Bicycle Racks, and Implement Bicycle	\$2,720.18	Yes
MS16001	Los Angeles County MTA	4/1/2016	4/30/2017		\$1,350,000.00	\$1,332,039.84	Clean Fuel Transit Service to Dodger Stadiu	\$17,960.16	Yes
MS16002	Orange County Transportation Autho	10/6/2015	5/31/2016		\$722,266.00	\$703,860.99	Clean Fuel Transit Service to Orange Count	\$18,405.01	Yes
MS16003	Special Olympics World Games Los	10/9/2015	12/30/2015		\$380,304.00	\$380,304.00	Low-Emission Transportation Service for Sp	\$0.00	Yes
MS16004	Mineral LLC	9/4/2015	7/3/2017	1/3/2018	\$27,690.00	\$9,300.00	Design, Develop, Host and Maintain MSRC	\$18,390.00	Yes
MS16029	Orange County Transportation Autho	1/12/2018	6/11/2020		\$836,413.00	\$567,501.06	TCM Partnership Program - OC Bikeways	\$268,911.94	Yes
MS16030	Better World Group Advisors	12/19/2015	12/31/2017	12/31/2019	\$271,619.00	\$245,355.43	Programmic Outreach Services to the MSR	\$26,263.57	Yes
MS16081	EDCO Disposal Corporation	3/4/2016	10/3/2022		\$150,000.00	\$150,000.00	Expansion of Existing Public Access CNG St	\$0.00	Yes
MS16084	Transit Systems Unlimited, Inc.	5/6/2016	2/28/2018		\$565,600.00	\$396,930.00	Implement Special Shuttle Service from Uni	\$168,670.00	Yes
MS16085	Southern California Regional Rail Aut	3/11/2016	9/30/2016		\$78,033.00	\$64,285.44	Special MetroLink Service to Autoclub Spee	\$13,747.56	Yes
MS16086	San Bernardino County Transportatio	9/3/2016	10/2/2021		\$800,625.00	\$769,021.95	Freeway Service Patrols	\$31,603.05	Yes
MS16087	Burrtec Waste & Recycling Services,	7/8/2016	3/7/2023		\$100,000.00	\$100,000.00	Construct New Limited-Access CNG Station	\$0.00	Yes
MS16088	Transit Systems Unlimited, Inc.	5/12/2017	1/11/2023		\$17,000.00	\$17,000.00	Expansion of Existing CNG Station	\$0.00	Yes
MS16089	Orange County Transportation Autho	7/8/2016	4/30/2017		\$128,500.00	\$128,500.00	Implement Special Bus Service to Angel Sta	\$0.00	Yes
MS16092	San Bernardino County Transportatio	2/3/2017	1/2/2019		\$242,937.00	\$242,016.53	Implement a Series of "Open Streets" Event	\$920.47	Yes
MS16093	Orange County Transportation Autho	9/3/2016	3/2/2018	9/2/2018	\$1,553,657.00	\$1,499,575.85	Implement a Mobile Ticketing System	\$54,081.15	Yes
MS16095	Orange County Transportation Autho	7/22/2016	5/31/2017		\$694,645.00	\$672,864.35	Implement Special Bus Service to Orange C	\$21,780.65	Yes
MS16096	San Bernardino County Transportatio	10/27/2016	12/26/2019	6/30/2021	\$450,000.00	\$450,000.00	EV Charging Infrastructure	\$0.00	Yes
MS16097	Walnut Valley Unified School District	10/7/2016	11/6/2022		\$250,000.00	\$250,000.00	Expand CNG Station & Modify Maintenance	\$0.00	Yes
MS16099	Foothill Transit	3/3/2017	3/31/2017		\$50,000.00	\$50,000.00	Provide Special Bus Service to the Los Ange	\$0.00	Yes
MS16100	Southern California Regional Rail Aut	5/5/2017	9/30/2017		\$80,455.00	\$66,169.43	Provide Metrolink Service to Autoclub Speed	\$14,285.57	Yes
MS16102	Nasa Services, Inc.	2/21/2017	4/20/2023		\$100,000.00	\$100,000.00	Construct a Limited-Access CNG Station	\$0.00	Yes
MS16103	Arrow Services, Inc.	2/3/2017	4/2/2023		\$100,000.00	\$100,000.00	Construct a Limited-Access CNG Station	\$0.00	Yes
MS16116	Riverside Transit Agency	3/3/2017	1/2/2023		\$10,000.00	\$9,793.00	Purchase One Transit Bus	\$207.00	Yes
MS16117	Omnitrans	4/21/2017	6/20/2023		\$175,000.00	\$175,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS16118	Omnitrans	4/21/2017	6/20/2023		\$175,000.00	\$175,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS16119	Omnitrans	4/21/2017	8/20/2022		\$150,000.00	\$0.00	New Public Access CNG Station	\$150,000.00	No
MS16124	Riverside County Transportation Co	12/14/2018	12/14/2019	5/14/2020	\$253,239.00	\$246,856.41	Extended Freeway Service Patrols	\$6,382.59	Yes
MS16125	San Bernardino County Transportatio	9/20/2019	11/19/2020		\$1,000,000.00	\$1,000,000.00	Traffic Signal Synchronization Projects	\$0.00	Yes
MS16127	Los Angeles County MTA	6/29/2021		6/28/2022	\$2,500,000.00	\$2,500,000.00	Expansion of the Willowbrook/Rosa Parks Tr	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
Total: 81									
Closed/Incomplete Contracts									
ML16005	City of Palm Springs	3/4/2016	10/3/2017		\$40,000.00	\$0.00	Install Bicycle Racks, and Implement Bicycle	\$40,000.00	No
ML16035	City of Wildomar	4/1/2016	11/1/2017		\$500,000.00	\$0.00	Install Bicycle Lanes	\$500,000.00	No
MS16082	Riverside County Transportation Co	9/3/2016	8/2/2018		\$590,759.00	\$337,519.71	Extended Freeway Service Patrols	\$253,239.29	No
MS16090	Los Angeles County MTA	10/27/2016	4/26/2020	10/26/2020	\$2,500,000.00	\$0.00	Expansion of the Willowbrook/Rosa Parks Tr	\$2,500,000.00	No
MS16091	San Bernardino County Transportatio	10/7/2016	11/6/2018		\$1,000,000.00	\$0.00	Traffic Signal Synchronization Projects	\$1,000,000.00	No
MS16123	Orange County Transportation Autho	12/7/2018	11/6/2023		\$91,760.00	\$0.00	Install La Habra Union Pacific Bikeway	\$91,760.00	No
Total: 6									
Open/Complete Contracts									
ML16008	City of Pomona	9/20/2016	11/19/2022	5/19/2025	\$60,000.00	\$60,000.00	Purchase 3 Medium-Duty and 1 Heavy-Duty	\$0.00	Yes
ML16013	City of Monterey Park	12/4/2015	7/3/2022	7/3/2024	\$90,000.00	\$90,000.00	Purchase 3 Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML16021	City of Santa Clarita	10/7/2016	6/6/2024		\$49,400.00	\$49,399.00	Install EV Charging Infrastructure	\$1.00	Yes
ML16040	City of Eastvale	1/6/2017	7/5/2022	11/5/2026	\$66,409.00	\$66,040.41	Install EV Charging Infrastructure	\$368.59	Yes
ML16041	City of Moreno Valley	9/3/2016	1/2/2021	4/2/2024	\$20,000.00	\$20,000.00	Install EV Charging Infrastructure	\$0.00	Yes
ML16058	Los Angeles County Department of P	10/7/2016	4/6/2024		\$371,898.00	\$371,898.00	Purchase 11 H.D. Nat. Gas Vehicles and Ins	\$0.00	Yes
MS16105	Huntington Beach Union High School	3/3/2017	7/2/2024		\$175,000.00	\$175,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS16110	City of Riverside	10/6/2017	2/5/2025	10/5/2026	\$270,000.00	\$256,500.00	Expansion of Existing CNG Station and Main	\$13,500.00	No
MS16112	Orange County Transportation Autho	4/14/2017	3/13/2024		\$1,470,000.00	\$1,470,000.00	Repower Up to 98 Transit Buses	\$0.00	Yes
MS16113	Los Angeles County MTA	5/12/2017	4/11/2024		\$1,875,000.00	\$1,875,000.00	Repower Up to 125 Transit Buses	\$0.00	Yes
MS16114	City of Norwalk	3/3/2017	6/2/2024		\$32,170.00	\$32,170.00	Purchase 3 Transit Buses	\$0.00	Yes
MS16115	City of Santa Monica	4/14/2017	7/13/2025		\$450,000.00	\$450,000.00	Repower 30 Transit Buses	\$0.00	Yes
MS16120	Omnitrans	4/7/2017	5/6/2025		\$945,000.00	\$870,000.00	Repower 63 Existing Buses	\$75,000.00	Yes
Total: 13									
Terminated Contracts									
ML16010	City of Fullerton	10/7/2016	4/6/2023	4/6/2024	\$78,222.00	\$27,896.71	Install EV Charging Stations	\$50,325.29	Yes
ML16048	City of Placentia	3/26/2016	5/25/2021	12/25/2026	\$80,000.00	\$18,655.00	Install EV Charging Infrastructure	\$61,345.00	Yes
Total: 2									

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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FY 2016-2018 Contracts

Open Contracts

ML18031	City of Diamond Bar	9/7/2018	11/6/2025	11/6/2027	\$58,930.00	\$38,930.00	Install EVSE, Purchase up to 2-LD Vehicles	\$20,000.00	No
ML18046	City of Santa Ana - Public Works Ag	11/9/2018	7/8/2026		\$385,000.00	\$359,590.75	Purchase 6 Light-Duty ZEVs, 9 Heavy-Duty	\$25,409.25	No
ML18047	City of Whittier	8/8/2018	4/7/2026	1/7/2029	\$113,910.00	\$113,910.00	Purchase 5 Heavy-Duty Near-Zero Emission	\$0.00	No
ML18050	City of Irvine	9/7/2018	8/6/2028		\$330,490.00	\$0.00	Purchase 1 Medium/Heavy-Duty ZEV and In	\$330,490.00	No
ML18051	City of Rancho Cucamonga	3/1/2019	10/31/2025	4/30/2027	\$91,500.00	\$72,500.00	Purchase 6 Light-Duty ZEVs, Install 3 Limite	\$19,000.00	No
ML18055	City of Long Beach	11/29/2018	11/28/2026		\$622,220.00	\$302,401.53	Install EV Charging Stations	\$319,818.47	No
ML18057	City of Carson	10/5/2018	7/4/2023	12/15/2026	\$106,250.00	\$50,000.00	Purchase 5 Zero-Emission Vehicles and Infr	\$56,250.00	No
ML18058	City of Perris	10/12/2018	11/11/2024	11/11/2028	\$94,624.00	\$0.00	Purchase 1 Medium-Duty ZEV and EV Char	\$94,624.00	No
ML18060	County of Los Angeles Internal Servi	10/5/2018	8/4/2026	8/4/2028	\$1,367,610.00	\$724,868.96	Purchase 29 Light-Duty Zero Emission Vehi	\$642,741.04	No
ML18063	City of Riverside	6/7/2019	1/6/2027	3/6/2028	\$50,000.00	\$0.00	Expand Existing CNG Station	\$50,000.00	No
ML18064	City of Eastvale	11/29/2018	4/28/2026	4/28/2029	\$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	12/6/2027	\$83,500.00	\$0.00	Install EVSE	\$83,500.00	No
ML18068	City of Mission Viejo	7/31/2019	6/30/2027		\$86,940.00	\$10,000.00	Purchase 2 Light-Duty ZEVs & Install EVSE	\$76,940.00	No
ML18069	City of Torrance	3/1/2019	7/31/2027		\$187,400.00	\$100,000.00	Purchase 4 Heavy-Duty Near-Zero Emission	\$87,400.00	No
ML18078	County of Riverside	10/5/2018	10/4/2028		\$375,000.00	\$300,000.00	Purchase 15 Heavy-Duty Vehicles	\$75,000.00	No
ML18082	City of Los Angeles Bureau of Sanita	8/30/2019	8/29/2028	8/29/2029	\$900,000.00	\$0.00	Purchase Medium-Duty Vehicles and EV Ch	\$900,000.00	No
ML18084	City of South El Monte	10/18/2019	9/17/2023	3/30/2028	\$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	\$50,760.00	Purchase a Heavy-Duty ZEV	\$0.00	No
ML18091	City of Temecula	1/19/2019	7/18/2023	3/18/2026	\$141,000.00	\$0.00	Install Sixteen EV Charging Stations	\$141,000.00	No
ML18092	City of South Pasadena	2/1/2019	1/31/2025	4/30/2027	\$50,000.00	\$20,000.00	Procure Two Light-Duty ZEVs and Install EV	\$30,000.00	No
ML18094	City of Laguna Woods	7/12/2019	12/11/2024	10/11/2026	\$50,000.00	\$0.00	Install Two EV Charging Stations	\$50,000.00	No
ML18101	City of Burbank	2/1/2019	4/30/2024	10/30/2024	\$137,310.00	\$0.00	Install Twenty EV Charging Stations	\$137,310.00	No
ML18129	City of Yucaipa	12/14/2018	3/13/2023	9/13/2027	\$63,097.00	\$0.00	Install Six EV Charging Stations	\$63,097.00	No
ML18132	City of Montclair	4/5/2019	9/4/2023	9/4/2026	\$40,000.00	\$40,000.00	Install Eight EVSEs	\$0.00	Yes
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
ML18145	City of Los Angeles Dept of Transpor	1/10/2020	4/9/2027	4/9/2028	\$1,400,000.00	\$0.00	Provide One Hundred Rebates to Purchaser	\$1,400,000.00	No
ML18146	City of South Gate	3/1/2019	11/30/2023	11/30/2026	\$127,400.00	\$50,000.00	Purchase Five Light-Duty ZEVs and Install S	\$77,400.00	No
ML18147	City of Palm Springs	1/10/2019	1/9/2024	7/9/2026	\$60,000.00	\$0.00	Install Eighteen EV Charging Stations	\$60,000.00	No
ML18148	City of San Dimas	1/21/2022	5/20/2023	5/20/2024	\$50,000.00	\$0.00	Implement Bicycle Detection Measures	\$50,000.00	No
ML18151	County of San Bernardino Departme	8/25/2020	10/24/2029		\$200,000.00	\$150,000.00	Purchase Eight Heavy-Duty Near Zero Emis	\$50,000.00	No
ML18152	County of San Bernardino Flood Con	8/11/2020	10/10/2029		\$108,990.00	\$75,000.00	Purchase Five Heavy-Duty Near Zero Emissi	\$33,990.00	No
ML18163	City of San Clemente	3/8/2019	12/7/2024	12/7/2025	\$75,000.00	\$70,533.75	Purchase Three Light-Duty ZEVs and EV Ch	\$4,466.25	No
ML18166	City of Placentia	2/18/2021	5/17/2027		\$25,000.00	\$0.00	Purchase One Heavy-Duty Near-Zero Emis	\$25,000.00	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML18177	City of San Bernardino	6/7/2019	12/6/2026	12/6/2028	\$279,088.00	\$0.00	Purchase Medium- and Heavy-Duty Evs and	\$279,088.00	No
ML18178	City of La Puente	11/1/2019	11/30/2025	11/30/2028	\$25,000.00	\$0.00	Purchase One Heavy-Duty Near-Zero Emiss	\$25,000.00	No
ML18185	City of Wildomar	10/19/2023	10/18/2024		\$25,000.00	\$0.00	Install Bicycle Trail	\$25,000.00	No
MS18015	Southern California Association of G	7/13/2018	2/28/2021	11/30/2023	\$2,000,000.00	\$612,771.52	Southern California Future Communities Par	\$1,387,228.48	No
MS18024	Riverside County Transportation Co	6/28/2018	8/27/2021	8/31/2024	\$1,500,000.00	\$973,160.00	Vanpool Incentive Program	\$526,840.00	No
MS18027	City of Gardena	11/2/2018	9/1/2026	1/1/2029	\$365,000.00	\$0.00	Install New Limited Access CNG, Modify Mai	\$365,000.00	No
MS18029	Irvine Ranch Water District	8/8/2018	10/7/2024	1/7/2029	\$185,000.00	\$0.00	Install New Limited Access CNG Station & T	\$185,000.00	No
MS18065	San Bernardino County Transportatio	3/29/2019	8/28/2023	3/28/2024	\$2,000,000.00	\$2,000,000.00	Implement Metrolink Line Fare Discount Pro	\$0.00	Yes
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
MS18180	Omnitrans	8/4/2022	8/3/2023		\$83,000.00	\$0.00	Modify Vehicle Maintenance Facility and Trai	\$83,000.00	No
MS18181	San Bernardino County Transportatio	4/10/2023	9/9/2030		\$1,662,000.00	\$0.00	Construct Hydrogen Fueling Station	\$1,662,000.00	No
MS18182	Air Products and Chemicals Inc.	3/8/2023	2/7/2031		\$1,000,000.00	\$0.00	Install Publicly Accessible Hydrogen Fueling	\$1,000,000.00	No
MS18183	Nikola-TA HRS 1, LLC	9/28/2022	1/27/2030		\$1,660,000.00	\$0.00	Install Publicly Accessible Hydrogen Fueling	\$1,660,000.00	No

Total: 47

Declined/Cancelled Contracts

ML18044	City of Malibu	8/8/2018	10/7/2022	10/7/2023	\$50,000.00	\$0.00	Install EV Charging Infrastructure	\$50,000.00	No
ML18053	City of Paramount	9/7/2018	3/6/2023		\$64,675.00	\$0.00	Install EV Charging Infrastructure	\$64,675.00	No
ML18075	City of Orange				\$25,000.00	\$0.00	One Heavy-Duty Vehicle	\$25,000.00	No
ML18140	City of Bell Gardens	12/14/2018	12/13/2028		\$50,000.00	\$0.00	Purchase Two Heavy-Duty Near-ZEVs	\$50,000.00	No
ML18149	City of Sierra Madre				\$50,000.00	\$0.00	Implement Bike Share Program	\$50,000.00	No
ML18150	City of South El Monte				\$20,000.00	\$0.00	Implement Bike Share Program	\$20,000.00	No
ML18153	City of Cathedral City	5/3/2019	4/2/2025		\$52,215.00	\$0.00	Install EV Charging Infrastructure	\$52,215.00	No
ML18158	City of Inglewood				\$146,000.00	\$0.00	Purchase 4 Light-Duty Zero Emission, 4 Hea	\$146,000.00	No
ML18164	City of Pomona				\$200,140.00	\$0.00	Purchase Three Heavy-Duty ZEVs	\$200,140.00	No
ML18165	City of Baldwin Park	2/1/2019	1/30/2024		\$49,030.00	\$0.00	Expand CNG Station	\$49,030.00	No
ML18172	City of Huntington Park	3/1/2019	2/28/2025		\$65,450.00	\$0.00	Purchase One Heavy-Duty ZEV	\$65,450.00	No
ML18174	City of Bell	11/22/2019	7/21/2026		\$25,000.00	\$0.00	Purchase One Heavy-Duty Near-Zero Emiss	\$25,000.00	No
MS18009	Penske Truck Leasing Co., L.P.	8/8/2018	12/7/2020		\$82,500.00	\$0.00	Modify Maintenance Facility & Train Technici	\$82,500.00	No
MS18013	California Energy Commission				\$3,000,000.00	\$0.00	Advise MSRC and Administer Hydrogen Infr	\$3,000,000.00	No
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS18116	Los Angeles County Department of P	11/15/2019	11/14/2026		\$175,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$175,000.00	No
MS18119	LBA Realty Company XI LP				\$100,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$100,000.00	No
MS18121	City of Montebello				\$70,408.00	\$0.00	Expansion of Existing CNG Infrastructure	\$70,408.00	No
MS18175	Regents of the University of Californi	6/7/2019	8/6/2025	8/6/2026	\$1,000,000.00	\$0.00	Expansion of Existing Hydrogen Station	\$1,000,000.00	No
MS18184	Clean Energy				\$1,000,000.00	\$0.00	Install Publicly Accessible Hydrogen Fueling	\$1,000,000.00	No
Total: 27									
Closed Contracts									
ML18019	City of Hidden Hills	5/3/2018	5/2/2022	5/2/2023	\$49,999.00	\$49,999.00	Purchase Two Light-Duty ZEVs and EVSE	\$0.00	Yes
ML18021	City of Signal Hill	4/6/2018	1/5/2022		\$49,661.00	\$46,079.31	Install EV Charging Stations	\$3,581.69	Yes
ML18022	City of Desert Hot Springs	5/3/2018	1/2/2020	1/2/2021	\$50,000.00	\$50,000.00	Traffic Signal and Synchronization Project	\$0.00	Yes
ML18034	City of Calabasas	6/8/2018	3/7/2022	3/7/2023	\$50,000.00	\$50,000.00	Install EVSE	\$0.00	Yes
ML18035	City of Westlake Village	8/8/2018	11/7/2022		\$50,000.00	\$50,000.00	Install EVSE	\$0.00	Yes
ML18040	City of Agoura Hills	7/13/2018	6/12/2022		\$17,914.00	\$17,914.00	Install EV Charging Infrastructure	\$0.00	Yes
ML18049	City of Downey	7/6/2018	5/5/2023		\$148,260.00	\$148,116.32	Install EV Charging Stations	\$143.68	Yes
ML18052	City of Garden Grove	8/8/2018	10/7/2022		\$53,593.00	\$46,164.28	Purchase 4 L.D. ZEVs and Infrastructure	\$7,428.72	Yes
ML18054	City of La Habra Heights	8/8/2018	4/7/2022		\$9,200.00	\$9,200.00	Purchase 1 L.D. ZEV	\$0.00	Yes
ML18056	City of Chino	3/29/2019	9/28/2023		\$103,868.00	\$103,868.00	Install EV Charging Infrastructure	\$0.00	Yes
ML18070	City of Lomita	11/29/2018	6/28/2022		\$6,250.00	\$6,250.00	Purchase 1 Light-Duty ZEV	\$0.00	Yes
ML18071	City of Chino Hills	9/7/2018	10/6/2022		\$20,000.00	\$20,000.00	Purchase 2 Light-Duty ZEVs	\$0.00	Yes
ML18076	City of Culver City Transportation De	10/5/2018	10/4/2023		\$1,130.00	\$1,130.00	Purchase Light-Duty ZEV	\$0.00	Yes
ML18077	City of Orange	11/2/2018	10/1/2022		\$59,776.00	\$59,776.00	Four Light-Duty ZEV and EV Charging Infr	\$0.00	Yes
ML18086	City of Los Angeles Bureau of Street	2/8/2019	4/7/2023		\$300,000.00	\$300,000.00	Install Sixty EV Charging Stations	\$0.00	Yes
ML18088	City of Big Bear Lake	11/29/2018	8/28/2020	8/28/2021	\$50,000.00	\$50,000.00	Install Bicycle Trail	\$0.00	Yes
ML18097	City of Temple City	11/29/2018	7/28/2022		\$16,000.00	\$12,000.00	Purchase Two Light-Duty ZEVs	\$4,000.00	Yes
ML18126	City of Lomita	12/7/2018	1/6/2020		\$26,500.00	\$13,279.56	Install bicycle racks and lanes	\$13,220.44	Yes
ML18127	City of La Puente	2/1/2019	2/28/2023		\$10,000.00	\$7,113.70	Purchase Light-Duty Zero Emission Vehicle	\$2,886.30	Yes
ML18128	City of Aliso Viejo	8/30/2019	11/29/2023		\$65,460.00	\$65,389.56	Purchase Two Light-Duty ZEVs and Install S	\$70.44	Yes
ML18130	City of Lake Forest	3/1/2019	9/30/2022		\$106,480.00	\$106,480.00	Install Twenty-One EVSEs	\$0.00	Yes
ML18131	City of Los Angeles, Police Departm	5/3/2019	12/2/2022		\$19,294.00	\$19,294.00	Purchase Three Light-Duty ZEVs	\$0.00	Yes
ML18138	City of La Canada Flintridge	2/8/2019	5/7/2023		\$32,589.00	\$32,588.07	Install Four EVSEs and Install Bicycle Racks	\$0.93	Yes
ML18139	City of Calimesa	8/30/2019	7/29/2020	11/29/2021	\$50,000.00	\$50,000.00	Install Bicycle Lane	\$0.00	Yes
ML18142	City of La Quinta	4/24/2019	2/23/2023	8/23/2023	\$51,780.00	\$51,780.00	Install Two EV Charging Stations	\$0.00	Yes
ML18160	City of Irwindale	3/29/2019	12/28/2022		\$14,263.00	\$14,263.00	Purchase Two Light-Duty ZEVs	\$0.00	Yes
ML18173	City of Manhattan Beach	3/29/2019	2/28/2023		\$49,000.00	\$49,000.00	Purchase Two Light-Duty ZEVs and EV Cha	\$0.00	Yes
ML18179	City of Rancho Mirage	8/20/2021	2/19/2022		\$50,000.00	\$50,000.00	Traffic Signal Synchronization	\$0.00	Yes
MS18001	Los Angeles County MTA	6/29/2017	4/30/2018		\$807,945.00	\$652,737.07	Provide Clean Fuel Transit Service to Dodge	\$155,207.93	Yes
MS18002	Southern California Association of G	6/9/2017	11/30/2018	12/30/2021	\$2,500,000.00	\$2,276,272.46	Regional Active Transportation Partnership	\$223,727.54	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS18003	Geographics	2/21/2017	2/20/2021	6/20/2021	\$72,453.00	\$65,521.32	Design, Host and Maintain MSRC Website	\$6,931.68	Yes
MS18004	Orange County Transportation Autho	8/3/2017	4/30/2019		\$503,272.00	\$456,145.29	Provide Special Rail Service to Angel Stadiu	\$47,126.71	Yes
MS18005	Orange County Transportation Autho	1/5/2018	4/30/2019		\$834,222.00	\$834,222.00	Clean Fuel Bus Service to OC Fair	\$0.00	Yes
MS18006	Anaheim Transportation Network	10/6/2017	2/28/2020		\$219,564.00	\$9,488.22	Implement Anaheim Circulator Service	\$210,075.78	Yes
MS18008	Foothill Transit	1/12/2018	3/31/2019		\$100,000.00	\$99,406.61	Special Transit Service to LA County Fair	\$593.39	Yes
MS18010	Southern California Regional Rail Aut	12/28/2017	7/31/2019		\$351,186.00	\$275,490.61	Implement Special Metrolink Service to Unio	\$75,695.39	Yes
MS18011	Southern California Regional Rail Aut	2/9/2018	6/30/2018		\$239,565.00	\$221,725.12	Special Train Service to Festival of Lights	\$17,839.88	Yes
MS18014	Regents of the University of Californi	10/5/2018	12/4/2019	3/4/2020	\$254,795.00	\$251,455.59	Planning for EV Charging Infrastructure Inve	\$3,339.41	Yes
MS18016	Southern California Regional Rail Aut	1/10/2019	3/31/2019		\$87,764.00	\$73,140.89	Special Train Service to Auto Club Speedwa	\$14,623.11	Yes
MS18023	Riverside County Transportation Co	6/28/2018	6/27/2021	3/31/2023	\$500,000.00	\$500,000.00	Weekend Freeway Service Patrols	\$0.00	Yes
MS18025	Los Angeles County MTA	11/29/2018	5/31/2019		\$1,324,560.00	\$961,246.86	Special Bus and Train Service to Dodger Sta	\$363,313.14	Yes
MS18102	Orange County Transportation Autho	10/4/2019	5/31/2020		\$1,146,000.00	\$1,146,000.00	Implement OC Flex Micro-Transit Pilot Proje	\$0.00	Yes
MS18103	Orange County Transportation Autho	2/8/2019	9/7/2020		\$642,000.00	\$613,303.83	Install Hydrogen Detection System	\$28,696.17	Yes
MS18104	Orange County Transportation Autho	2/21/2020	3/31/2021	3/31/2022	\$212,000.00	\$165,235.92	Implement College Pass Transit Fare Subsid	\$46,764.08	Yes
MS18105	Southern California Regional Rail Aut	1/10/2019	6/30/2019		\$252,696.00	\$186,830.04	Special Train Service to the Festival of Light	\$65,865.96	Yes

Total: 45

Closed/Incomplete Contracts

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

Total: 8

Open/Complete Contracts

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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
ML18059	City of Glendale Water & Power	2/1/2019	7/31/2026	1/31/2028	\$260,500.00	\$232,315.70	Install Electric Vehicle Charging Infrastructur	\$28,184.30	No
ML18061	City of Moreno Valley	4/9/2019	2/8/2025		\$25,000.00	\$25,000.00	Purchase 1 Heavy-Duty Near-ZEV	\$0.00	Yes
ML18062	City of Beaumont	8/8/2018	9/7/2024		\$25,000.00	\$25,000.00	Purchase 1 Heavy-Duty Near-ZEV	\$0.00	Yes
ML18072	City of Anaheim	12/18/2018	11/17/2026		\$239,560.00	\$239,560.00	Purchase 9 Light-Duty ZEVs & 2 Med/Hvy-D	\$0.00	Yes
ML18074	City of Buena Park	12/14/2018	6/13/2026		\$107,960.00	\$107,960.00	EV Charging Infrastructure	\$0.00	Yes
ML18079	City of Pasadena	12/7/2018	11/6/2023		\$183,670.00	\$183,670.00	EV Charging Infrastructure	\$0.00	Yes
ML18080	City of Santa Monica	1/10/2019	12/9/2023	9/9/2025	\$44,289.00	\$44,288.92	Install EV Charging Stations	\$0.08	Yes
ML18081	City of Beaumont	10/5/2018	10/4/2022	10/4/2025	\$31,870.00	\$31,870.00	EV Charging Infrastructure	\$0.00	Yes
ML18085	City of Orange	4/12/2019	10/11/2026		\$50,000.00	\$50,000.00	Purchase Two Heavy-Duty Near-Zero Emissi	\$0.00	Yes
ML18087	City of Murrieta	3/29/2019	3/28/2025		\$143,520.00	\$143,520.00	Install Four EV Charging Stations	\$0.00	Yes
ML18090	City of Santa Clarita	5/9/2019	2/8/2023	2/8/2024	\$122,000.00	\$118,978.52	Install Nine EV Charging Stations	\$3,021.48	Yes
ML18095	City of Gardena	11/9/2018	12/8/2024		\$25,000.00	\$25,000.00	Purchase Heavy-Duty Near-ZEV	\$0.00	Yes
ML18096	City of Highland	12/13/2019	8/12/2024		\$10,000.00	\$9,918.84	Purchase Light-Duty Zero Emission Vehicle	\$81.16	Yes
ML18098	City of Redondo Beach	2/1/2019	3/31/2023	3/31/2025	\$89,400.00	\$89,400.00	Install Six EV Charging Stations	\$0.00	Yes
ML18099	City of Laguna Hills	3/1/2019	5/31/2023	9/30/2024	\$32,250.00	\$32,250.00	Install EV Charging Stations	\$0.00	Yes
ML18100	City of Brea	10/29/2020	12/28/2024	12/31/2025	\$56,500.00	\$56,500.00	Install Twenty-Four Level II EV Charging Sta	\$0.00	Yes
ML18136	City of Orange	4/12/2019	8/11/2024		\$40,000.00	\$40,000.00	Purchase Four Light-Duty Zero Emission Ve	\$0.00	Yes
ML18141	City of Rolling Hills Estates	2/14/2020	1/13/2024	4/13/2026	\$40,000.00	\$40,000.00	Purchase One Light-Duty ZEV and Install Se	\$0.00	Yes
ML18143	City of La Habra	10/18/2019	9/17/2025	9/17/2027	\$80,700.00	\$80,700.00	Install Two EV Charging Stations	\$0.00	Yes
ML18144	City of Fontana Public Works	10/4/2019	12/3/2023	12/31/2025	\$269,090.00	\$269,090.00	Install Twelve EVSEs	\$0.00	No
ML18154	City of Hemet	11/22/2019	9/21/2023	3/21/2024	\$30,000.00	\$30,000.00	Purchase Two Light-Duty ZEVs and EV Cha	\$0.00	Yes
ML18155	City of Claremont	7/31/2019	9/30/2023		\$35,609.00	\$35,608.86	Install EV Charging Infrastructure	\$0.14	Yes
ML18156	City of Covina	2/1/2019	3/31/2023	12/31/2023	\$63,800.00	\$62,713.00	Purchase Four Light-Duty ZEVs and EV Cha	\$1,087.00	Yes
ML18157	City of Los Angeles Bureau of Street	6/21/2019	5/20/2027		\$85,000.00	\$85,000.00	Purchase One Medium-Duty ZEV	\$0.00	Yes
ML18159	City of Rialto	12/13/2019	5/12/2024	9/19/2025	\$135,980.00	\$106,597.86	Purchase Nine Light-Duty ZEVs and EV Cha	\$29,382.14	No
ML18161	City of Indio	5/3/2019	10/2/2025		\$25,000.00	\$25,000.00	Purchase 1 Light-Duty Zero Emission and E	\$0.00	Yes
ML18162	City of Costa Mesa	1/10/2020	7/9/2026		\$148,210.00	\$148,210.00	Purchase Three Light-Duty ZEVs and EV Ch	\$0.00	Yes
ML18169	City of Alhambra	6/14/2019	8/13/2024		\$111,980.00	\$111,980.00	Install EV Charging Infrastructure	\$0.00	Yes
ML18170	City of Laguna Niguel	1/10/2020	8/9/2028		\$75,100.00	\$75,100.00	Purchase One Light-Duty ZEV and EV Char	\$0.00	No
ML18171	City of El Monte	3/1/2019	4/30/2025		\$68,079.00	\$68,077.81	Purchase One Heavy-Duty ZEVs and EV Ch	\$1.19	Yes
ML18176	City of Coachella	3/1/2019	11/30/2024		\$58,020.00	\$58,020.00	Install EV Charging Stations	\$0.00	Yes
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS18073	Los Angeles County MTA	1/10/2019	2/9/2026		\$2,000,000.00	\$2,000,000.00	Purchase 40 Zero-Emission Transit Buses	\$0.00	Yes
MS18108	Capistrano Unified School District	2/1/2019	5/30/2025	9/30/2026	\$111,750.00	\$111,750.00	Expansion of Existing Infrastructure	\$0.00	Yes
MS18110	Mountain View Unified School Distric	2/1/2019	3/31/2025		\$275,000.00	\$61,747.29	Install New Limited-Access CNG Infrastructu	\$213,252.71	No
MS18115	City of Commerce	6/7/2019	12/6/2025	7/6/2026	\$275,000.00	\$275,000.00	Expansion of Existing L/CNG Infrastructure	\$0.00	No
MS18117	City of San Bernardino	6/7/2019	11/6/2025		\$240,000.00	\$240,000.00	Expansion of Existing CNG Infrastructure/Me	\$0.00	Yes
MS18120	City of Redondo Beach	2/1/2019	9/30/2025		\$275,000.00	\$275,000.00	Install New Limited-Access CNG Infrastructu	\$0.00	Yes
MS18122	Universal Waste Systems, Inc.	2/1/2019	3/31/2025	7/31/2027	\$195,000.00	\$195,000.00	Install New Limited Access CNG Infrastructu	\$0.00	Yes
MS18123	City Rent A Bin DBA Serv-Wel Dispo	12/14/2018	2/13/2025		\$200,000.00	\$200,000.00	Install New Limited-Access CNG Infrastructu	\$0.00	Yes
MS18124	County Sanitation Districts of Los An	7/31/2019	2/28/2027		\$275,000.00	\$275,000.00	Install New Limited-Access CNG Infrastructu	\$0.00	Yes
MS18125	U.S. Venture	5/9/2019	8/8/2025		\$200,000.00	\$200,000.00	Install New Limited-Access CNG Infrastructu	\$0.00	Yes

Total: 57

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

Open Contracts

MS21002	Better World Group Advisors	11/1/2019	12/31/2022	12/31/2024	\$448,154.00	\$205,868.60	Programmatic Outreach Services	\$242,285.40	No
MS21005	Southern California Association of G	5/5/2021	1/31/2024	7/31/2025	\$16,751,000.00	\$53,504.51	Implement Last Mile Goods Movement Progr	\$16,697,495.49	No
MS21006	Geographics	4/1/2021	6/20/2023	6/20/2025	\$20,152.00	\$11,665.00	Hosting & Maintenance of the MSRC Websit	\$8,487.00	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
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
MS21015	Premium Transportation Services, In	9/22/2021	5/21/2027	1/2/2028	\$1,500,000.00	\$1,334,758.50	Deploy up to 15 Near-Zero Emissions Truck	\$165,241.50	No
MS21016	Ryder Integrated Logistics, Inc.	12/7/2022	4/6/2029		\$3,169,746.00	\$0.00	Procure Two Integrated Power Centers and	\$3,169,746.00	No
MS21017	MHX, LLC	9/29/2021	9/28/2030		\$1,900,000.00	\$0.00	Deploy up to 10 Zero-Emission Trucks & Infr	\$1,900,000.00	No
MS21018	Pac Anchor Transportation, Inc.	8/17/2021	8/16/2027	8/16/2028	\$2,300,000.00	\$1,440,000.00	Deploy up to 23 Near Zero Emission Trucks	\$860,000.00	No
MS21019	Volvo Financial Services	3/31/2022	3/30/2030		\$3,930,270.00	\$1,295,869.15	Lease up to 14 Zero-Emission Trucks and Pr	\$2,634,400.85	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 Corporation	12/9/2022	12/8/2028		\$160,000.00	\$144,000.00	Install Five EV Charging Units	\$16,000.00	No

Total: 13

Declined/Cancelled Contracts

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

Total: 6

Closed Contracts

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

Total: 3

Open/Complete Contracts

MS21007	Penske Truck Leasing Co., L.P.	4/1/2022	3/31/2028		\$957,813.00	\$957,812.40	Deploy 5 Zero-Emission Yard Tractors	\$0.60	Yes
MS21014	Green Fleet Systems, LLC	8/31/2021	8/30/2027	8/30/2028	\$300,000.00	\$300,000.00	Deploy up to 3 Near Zero Emission Trucks	\$0.00	Yes

Total: 2

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

Open Contracts

MS24001	Los Angeles County MTA	1/26/2023	5/31/2028		\$1,200,248.00	\$0.00	Provide Clean Fuel Bus Service to Dodger S	\$1,200,248.00	No
MS24006	Anaheim Transportation Network	10/12/2023	5/31/2025		\$322,000.00	\$0.00	Old Towne Orange Microtransit Service	\$322,000.00	No

Total: 2

Pending Execution Contracts

MS24002	South Pasadena Police Department				\$499,789.00	\$0.00	Procure Zero-Emission Vehicles and Infrastr	\$499,789.00	No
MS24003	Omnitrans				\$315,278.00	\$0.00	Bloomington Microtransit Service Expansion	\$315,278.00	No
MS24004	City of Seal Beach				\$162,891.00	\$0.00	Circuit Transit Shared Mobility	\$162,891.00	No
MS24005	City of Huntington Beach				\$279,186.00	\$0.00	Circuit Transit Rideshare Program	\$279,186.00	No
MS24007	City of Gardena				\$475,312.00	\$0.00	Gtrans Microtransit Service	\$475,312.00	No
MS24008	City of Long Beach				\$410,734.00	\$0.00	Circuit Transit Mobility Transit Expansion Pr	\$410,734.00	No

Total: 6

AGENDA ITEM # 5

AB2766 Discretionary Fund Financial Report

AB 2766 Discretionary Fund
Financial Report - December 2023

Available Funding (a)		\$ 61,272,626
Less Awards by Work Program: (b)		
FY 2018-21	-	
FY 2021-24	(16,912,759)	
Total Awards by Work Program:		\$ (16,912,759)
Less Balance of FY 2018-21 and FY 2021-24 Work Programs (funding not yet awarded)		\$ (3,550,000)
Sub-total - Surplus/(Deficit)		\$ 40,809,867
Estimated Revenue (e)		\$ 14,594,636
Estimated Available		\$ 55,404,503

Notes:

- (a) Cash less: open commitments on executed contracts, balance on administrative budget and \$500,000 reserve.
- (b) Information provided by MSRC contracts staff. (Awards = Board approved contracts pending execution)
- (c) MSRC Approved \$6 million for partnering with CEC and Caltrans on US DOT Charging and Fueling Infrastructure Grant Program
- (d) FY 18-21 & FY 21-24 Work Program Summary:

<u>FY 2018-21 Work Program</u>	Total	Executed Contracts	Awarded	Balance
Major Event Center Transportation Program	\$ 4,134,027	\$ 4,134,027	\$ -	\$ -
MSRC Website Hosting & Maintenance	\$ 20,952	\$ 20,952	\$ -	\$ -
Natural Gas Infrastructure Program	\$ 1,012,772	\$ 1,012,772	\$ -	\$ -
Programmatic Outreach Coordinator (MS16030 modification)	\$ 15,000	\$ 15,000	\$ -	\$ -
Programmatic Outreach Coordinator	\$ 265,079	\$ 265,079	\$ -	\$ -
Technical Advisor - Work Program Portion	\$ 272,475	\$ 272,475	\$ -	\$ -
Market Acceleration Program	\$ 1,000,000	\$ 1,000,000	\$ -	\$ -
VIP Plus Up Incentive Program	\$ 1,245,000	\$ 695,000	\$ -	\$ 550,000
Regional Goods Movement Program	\$ 16,751,000	\$ 16,751,000	\$ -	\$ -
Inland Ports Zero and Near-Zero Emission Trucking	\$ 20,300,016	\$ 20,300,016	\$ -	\$ -
Inland Ports Zero and Near-Zero Emission Cargo Handling	\$ 5,537,775	\$ 5,537,775	\$ -	\$ -
Zero-Emission Drayage Truck and Infrastructure Pilot Project	\$ 8,000,000	\$ 8,000,000	\$ -	\$ -
Hydrogen Infrastructure Projects	\$ 2,322,000	\$ 2,322,000	\$ -	\$ -
FY 2018-21 Totals	\$ 60,876,096	\$ 60,326,096	\$ -	\$ 550,000

<u>FY 2021-24 Work Program</u>	Total	Executed Contracts	Awarded	Balance
Technical Advisor - Work Program Portion	\$ 379,673	\$ 289,275	\$ 90,398	\$ -
Major Event Center Transportation Program	\$ 1,200,248	\$ 1,200,248	\$ -	\$ -
Transformative Transportation Strategies & Mobility Solutions	\$ 499,789	\$ -	\$ 499,789	\$ -
Programmatic Outreach Coordinator (MS21002 modification)	\$ 183,100	\$ 183,100	\$ -	\$ -
MSRC Website Hosting & Maintenance (MS21006 modification)	\$ 7,200	\$ 7,200	\$ -	\$ -
Microtransit Operations	\$ 1,965,401	\$ 322,000	\$ 1,643,401	\$ -
Publicly Accessible Goods Movement Zero-Emission Infrastructure	\$ 14,679,171	\$ -	\$ 14,679,171	\$ -
Advanced Technology Demonstration and Pilot Projects	\$ 3,000,000	\$ -	\$ -	\$ 3,000,000
FY 2021-24 Totals	\$ 21,914,582	\$ 2,001,823	\$ 16,912,759	\$ 3,000,000

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

AGENDA ITEM # 6

Report on MSRC Outreach Activities

Memorandum

To: MSRC Technical Advisory Committee

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

Date: November 28, 2023

Re: Fall 2023 – Quarterly Report on Outreach Activities

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

Task 2 – Outreach and Promotion of MSRC Work Program Achievements

- Worked with Project Partner Costco to help them fulfill the public outreach component of their contract for EV chargers.
- Developed the upcoming edition of the *Clean Air Roadmap* e-newsletter to be published in December.
- Updated the MSRC's [Facebook](#) page with links to news and relevant stories and disseminated [tweets](#).

Task 3 – Development and Dissemination of Marketing/Promotional Materials

- Developed a [News Item](#) to celebrate the MSRC's support for California Clean Air Day on October 4.

Task 4 – Participation in Meetings and Events

- Prepared and presented MSRC historical program and promotional highlights, as well as California 2023 Clean Transportation Policy Achievements and a Look Ahead to 2024 opportunities and priorities at the MSRC and MSRC-TAC's joint retreat in November.
- Facilitated bi-monthly check-in calls with Cynthia Ravenstein and participated in monthly MSRC meetings via Zoom.
- Participated in monthly CARB/NGOs call re: state regulatory policy updates.

- Participated in monthly Green CA calls re: state legislative and regulatory policies.
- Attended monthly SCAQMD Legislative Committee meetings.

Task 5 – Strategic Market Direction for MSRC Work Programs

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

January - March Anticipated Activity Highlights and Opportunities

- Support the JETSI Program event in January.
- Work with the MSRC staff to help prepare for the development of the new Work Program.
- Work with interested MSRC TAC and Members to participate in social media promotion of MSRC activities.
- Track state legislative and regulatory priorities including clean transportation funding initiatives.

AGENDA ITEM # 7

Contract Extension Request by
City of Gardena

MSRC Agenda Item No. 7

DATE: January 18, 2024

FROM: Cynthia Ravenstein, MSRC Contracts Administrator

SUBJECT: Nine-Month Term Extension by City of Gardena (GTrans), Contract #MS18027

SYNOPSIS: Gtrans requests approval of a nine-month term extension due to longer than anticipated time for delivery of electrical switchgear box and subsequent delays with permits and inspections. This contract was previously extended a total of 28 months. This project is part of the FYs 2016-18 Natural Gas Infrastructure Program.

FINANCIAL IMPACT: None

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

ATTACHMENTS: Contractor's request letter

DISCUSSION:

Contractor: **City of Gardena**

Project Title: Install New Limited-Access CNG Station, Modify Maintenance Facility and Train Technicians

MSRC Funding: \$365,000

Project Term: November 2, 2018 to January 1, 2029

Current Request: Nine-month term extension

Previous Requests: One-year term extension; 16-month term extension

Project Description: The MSRC awarded GTrans \$365,000 to install a new limited-access CNG station (\$275,000), modify their vehicle maintenance facility (\$75,000), and train technicians (\$15,000). Contract #MS18027 was executed to effectuate the award. Installation of the fueling station equipment is in its final stages. Facility modifications have been completed. GTrans plans to schedule technician training after the station is operational. Nothing has been paid to date on this contract.

Previous Requests: Gtrans indicated that the COVID-19 pandemic had impacted all of their projects with disruptions and delays as resources were needed elsewhere to maintain service. Additionally, their ability to coordinate with outside entities was impacted. GTrans requested a sixteen-month term extension. At their September 2021 meeting, the MSRC considered and approved Gtrans' request.

Later, GTrans indicated that design changes had delayed the project for several months. Also, supply chain delays—especially pertaining to the CNG station’s switchgear box, had further delayed progress. They experienced a further delay associated with getting electrical work for the facility modifications completed by Southern California Edison. Gtrans requested a one-year term extension. At their April 2023 meeting, the MSRC considered and approved Gtrans’ request.

Contract Request: Gtrans indicates that the time for delivery of the switchgear box was even longer than anticipated, delayed by 10 months in total. They are currently completing installations but have been informed to expect delays in permits and inspections which must occur before the station can be made operational. Having previously been extended by a total of 28 months, Gtrans requests a nine-month term extension.

Recommendations: Given the state of installation, the MSRC Contracts Administrator recommends approval. The MSRC-TAC has reviewed the request and recommends approval.



November 27, 2023

Cynthia Ravenstein
South Coast Air Quality Management District / MSRC
21865 Copley Drive
Diamond Bar, CA 91765

Re: Contract Extension Request MS18027

Dear Ms. Ravenstein,

I am writing to request a final, nine-month extension of contract MS18027. If granted, the new completion date will be September 30, 2024.

Since our last request in February 2023, GTrans is facing several remaining challenges to wrap up the project that dictate a final extension for this contract.

- Continued effects COVID19 and supply chain delays; particularly the CNG station’s electrical switchgear box which arrived in August 2023 after a 10-month delay. Work on this portion of the project is now underway.
- The delayed arrival of project equipment is now generating delays with permits and subsequent inspections by both the City and related utility companies. Specifically, The Gas Company will only set the meter once final City inspections are completed.
- The final connection by So. Cal. Edison, is estimated to occur in early January/February 2024. This process can take up to 45 days following the request.
- The final closeout of all project milestones, including training, will occur once the station is operational.

Without the requested extension, GTrans would lose this critical funding source and have a significant shortfall in its overall budget to complete the project. GTrans is determined to see this project through to timely completion, as 80 percent of our fleet makeup will be CNG beginning 2024. The onsite fueling of our fleet is of critical importance. We feel that the 9-month extension will give us adequate time to complete the project, train GTrans’ technicians, and begin operations of this critical fueling infrastructure.

Below is the new timeline:

Task	Completion	Revised Completion
Complete Station Design	12/1/2019	11/21/2021
Complete maintenance facility upgrade design	12/1/2019	11/29/2021
Submit Outreach Plan	12/1/2019	3/17/2022
Complete facility modifications	6/1/2020	3/31/2023
Complete Station Installation	6/1/2020	7/31/2024
Complete Technician Training	6/1/2021	7/31/2024
Implement Public Outreach Plan (complete)	8/1/2021	8/31/2024
Final Report	9/1/2021	9/30/2024



We appreciate your consideration of this request and look forward to confirmation from the MSRC governing body. Please do not hesitate to contact me at dpynn@gardenabus.com or (310) 965-8811 if you have any questions.

Thank you,

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

Dana Pynn
Assistant Director of Transportation



AGENDA ITEM # 8

Contract Extension Request by
MHX, LLC

MSRC Agenda Item No. 8

DATE: January 18, 2024

FROM: Cynthia Ravenstein, MSRC Contracts Administrator

SUBJECT: 18-Month Term Extension by MHX, LLC, Agreement #MS21010

SYNOPSIS: MHX indicates that supply chain challenges have significantly delayed the project. While they are hopeful that a 14-month term extension would be sufficient, in order to minimize the potential for additional requests, MHX requests an 18-month term extension. This agreement has not been previously extended. This project is part of the FYs 2018-21 Off-Road Inland Ports Program.

FINANCIAL IMPACT: None

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

ATTACHMENTS: Funding recipient's request letter

DISCUSSION:

Funding Recipient: **MHX, LLC**
Project Title: Deploy One Zero-Emission Overhead Crane
MSRC Funding: \$569,275
Project Term: September 29, 2021 to January 28, 2028
Current Request: 18-month term extension
Previous Requests: None

Project Description: The MSRC awarded MHX funding towards the procurement and installation of a zero-emission overhead crane. MHX will also install a coil lifting magnet system. When this equipment enters service, MHX will permanently remove specified diesel forklifts from service within South Coast AQMD jurisdiction. Agreement #MS21010 was executed to effectuate the award. MHX has executed a purchase order for the crane. Nothing has been paid to date on this contract.

Contract Request: MHX indicates that the COVID-19 pandemic resulted in major supply chain disruptions and extended lead times with their originally selected crane manufacturer (note that Agreement #MS21010 does not specify an exact make/model for the crane, but instead provides specifications which must be met). MHX identified another supplier who could provide the crane somewhat sooner, but this process still put the project behind schedule. MHX

executed a purchase order in October 2023 and they expect final commissioning in November 2024. In order to minimize the potential for additional requests in case of unforeseen delays, MHX requests an 18-month term extension.

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

December 11, 2023
Matt MacKenzie
MSRC Contracts Administration
RE: MHX MSRC Off-Road Contract MS21010

Dear Matt,

I hope this finds you well. I'm reaching out to discuss extending our contract, MS21010, for the commissioning of the new electric overhead bridge crane at our Fontana, CA facility.

MHX encountered challenges due to major supply chain disruptions caused by Covid, leading to extended lead times of 2 years with our selected US crane manufacturer, Ace Crane. Despite exploring alternatives, the industry-wide issue persisted. When attempting to place our PO with Ace, we were informed they were not taking new orders due to backlog and parts shortages.

In response, we collaborated with Facilities Engineering, recently acquired by American Equipment/DMAG. While they too faced supply chain challenges, they managed to improve lead times. However, the setback with the initial manufacturer put us significantly behind. We initiated the PO with Facilities Engineering/American Equipment on October 19th, 2023. With detailed engineering completed and long lead-time components ordered, we anticipate everything in-house by mid to late September 2024. Final assembly and shipping are scheduled for October 2024, with a realistic commissioning projection in November 2024.

Despite these efforts, I am seeking an 18-month extension, vs a 13 or 14 month, as a precautionary measure. If approved, this extension will safeguard against unforeseen events that could take us past November 2024. Without it, MHX would assume responsibility for the Bridge Crane, incurring a cost of \$968,725 plus applicable sales tax, as engineering is complete, and components are in the manufacturing process. The Coil Attachment, priced at \$268,544 plus applicable sales tax, remains unordered, with a February deadline for ordering.

It's important to note that prices have increased since the contract initiation. A denial of the extension would pose a significant cash flow burden on MHX. However, we remain committed to the project, and will see it through to completion.

I really appreciate the time and your consideration of this request.

Sincerely,



Alex Nicholas

VP of Operations, MHX

AGENDA ITEM # 9

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



MSRC Agenda Item No. 9

DATE: January 18, 2024

FROM: Ray Gorski, MSRC Technical Advisor

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

SYNOPSIS: Both MSRC and Metro are interested in the deployment of zero emission trucks in the Interstate 710 (I-710) corridor as soon as possible. As part of its Work Program, MSRC is seeking partners to help facilitate investment in publicly accessible infrastructure to support an equitable transition of goods movement trucks to zero emissions. The MSRC is asked to approve a Cooperative Agreement in order to provide a framework for MSRC and Metro jointly to pursue funding opportunities and proposals for publicly accessible infrastructure to support zero emission commercial trucks.

RECOMMENDATION: MSRC-TAC recommends the MSRC approve and execute the joint Cooperative Agreement with Los Angeles Metro to pursue projects of mutual benefit.

WORK PROGRAM **Clean Transportation Funding™** to Implement Zero-Emission
IMPACT: Infrastructure projects jointly pursued by the MSRC and Los Angeles Metro will be allocated from the FY 2021-'24 MSRC Work Program or a future MSRC Work Program at the MSRC's discretion.

Overview: As an element of the current Work Program, and the prior Inland Ports Work Program element, the MSRC has pursued the deployment of heavy-duty zero-emission trucks and refueling infrastructure along major goods movement corridors in the South Coast AQMD region. The Los Angeles County Metropolitan Transportation Authority (Metro) Metro has prioritized the deployment of zero emission trucks and supporting refueling infrastructure in the Interstate 710 (I-710) corridor as soon as feasible.

As part of its Work Program, MSRC is seeking partners to help facilitate investment in publicly accessible infrastructure to support an equitable transition of goods movement trucks to zero emissions. The MSRC-TAC is asked to approve the proposed Cooperative Agreement in order to provide a framework for MSRC and Metro jointly to pursue funding opportunities and proposals for publicly accessible infrastructure to support zero emission commercial trucks.

The Cooperative Agreement, as follows, has been reviewed by each party's legal counsel.

**COOPERATIVE AGREEMENT BETWEEN THE LOS ANGELES COUNTY
METROPOLITAN TRANSPORTATION AUTHORITY AND THE SOUTH COAST AIR
QUALITY MANAGEMENT DISTRICT**

This Cooperative Agreement (“Agreement”) is entered into as of _____, 2023, by the Los Angeles County Metropolitan Transportation Authority (“Metro”) and the South Coast Air Quality Management District (“South Coast AQMD”), each of which is referred to herein individually as “Party” and jointly as “Parties”.

RECITALS

Metro’s 2021 LA County Goods Movement Strategic Plan includes a Countywide Clean Truck Initiative to accelerate the deployment of near-zero and zero emission trucks in the region to address air quality and public health concerns, particularly for the most vulnerable communities along major freight highway corridors in the County.

On October 28, 2021, Metro’s Board of Directors recommitted \$50 million from the Measure R I-710 South Corridor Project funds as “seed funding” for a 710 South Clean Truck Program, and directed Metro’s CEO to collaborate with local and regional stakeholders to develop a program to deploy zero emission trucks in the I-710 corridor as soon as possible.

AB 2766 creates a regional Mobile Source Air Pollution Reduction Review Committee (“MSRC”) to develop a work program to fund projects from fees levied on motor vehicles to reduce air pollution from motor vehicles. The South Coast AQMD Governing Board approves the work program developed by the MSRC. Pursuant to such approval, South Coast AQMD authorized this contract with Metro to cooperate with each other in order to facilitate investment in publicly accessible zero-emissions infrastructure for goods movement trucks.

As part of its approved work program, MSRC is seeking partners to help facilitate investment in publicly accessible infrastructure to support an equitable transition of goods movement trucks to zero-emissions.

Metro is interested in funding projects identified in responses to MSRC’s Fiscal Year 2021-24 Request for Information for Publicly Accessible Goods Movement Zero-Emission Infrastructure.

The Parties are interested in collaborating in innovative ways to enable the transition to zero-emission goods movement, especially for fleets and independent operators who do not domicile at a commercial yard.

The Parties wish to facilitate the development and availability of publicly accessible electric vehicle charging (EVSE) and hydrogen (H2) fueling infrastructure for heavy-duty commercial vehicles in the County.

The Parties intend to cooperate on the submittal of grant applications to seek additional state and federal funding for alternative fueling infrastructure, including federal grants under the Charging and Fueling Infrastructure Discretionary Grant Program (“CFI Program”), established under the Infrastructure Investment and Jobs Act.

The Parties may elect to jointly subsidize with their own available funds the development of EVSE and H2 fueling infrastructure for heavy duty commercial vehicles on publicly or privately owned properties in the County, including the Port of Los Angeles;

NOW, THEREFORE, the Parties to this Agreement agree as follows:

I. Joint Responsibilities

The Parties will jointly pursue funding opportunities and proposals to accelerate the design, construction and maintenance of an electrified and alternative fuel transportation system for heavy duty commercial vehicles in Los Angeles County that is convenient, affordable, reliable, equitable, accessible, and safe.

II. Term and Termination

This Agreement shall commence upon the Effective Date and shall terminate upon ten (10) days written notice by either Party. Notwithstanding the foregoing, if either Party provides written notice to the other Party to terminate, the Parties agree that on the request of either Party (which must be made in writing within the initial 10-day notice period provided for in the preceding sentence), they will conduct a 60-day meet and confer period to discuss the conditions under which their continuing cooperative efforts could be productive, and if the Parties are able within such 60-day period to agree to a path on which they believe their joint efforts are likely to be successful, the termination notice shall be deemed withdrawn and such withdrawal and the agreed terms shall be expressly agreed to in writing between the Parties.

III. Implementation Agreements

Metro has adopted a Los Angeles County Goods Movement Strategic Plan which includes the development and implementation of a Countywide Clean Truck Initiative using seed funding authorized by the Metro Board for the I-710 Corridor.

In the event the Parties contribute their own available funds or secure additional grant funds and agree to jointly facilitate the implementation of alternative fueling infrastructure, the Parties recognize that each Party will need additional agreements, assurances and indemnification, including but not limited to, a Funding Agreement, Mutual Indemnification and Hold Harmless Agreement for Public Entities under California Government Code Section 895 et. al., as well as agreements from the other Parties (including assurances for the project’s lenders and investors) regarding the specific award before commencement of the design and construction of the alternative fueling infrastructure. Agreements involving AB 2766 funds for which MSRC develops work programs are subject to MSRC, and subsequent South Coast AQMD approval. The Parties shall work in good faith to negotiate and jointly prepare grant applications and project agreements, during the term of this Agreement. Any agreements shall be negotiated in accordance with the Parties’ applicable policies and procedures.

IV. Community Outreach

The Parties shall have responsibility for, and bear all the costs associated with community outreach and public coordination with regard to the implementation of this Agreement and any joint alternative fueling infrastructure projects. The Parties will coordinate with regard to all public communications, statements, press releases, literature, etc. related to their joint projects pursuant to this Agreement. Metro shall be responsible for drafting a community outreach plan. The Parties agree that the community outreach plan shall be consistent with their respective equity, diversity, and inclusion policies, if any. Each Party acknowledges that any use of the other Party's logo will require written approval from the other Party.

V. Indemnity

South Coast AQMD shall indemnify, defend (with counsel approved by Metro) and hold harmless Metro and its subsidiaries and their respective representatives, employees, officials, directors, attorneys, consultants, successors and assigns (collectively, "Indemnitees") from any liability, claims, losses, costs, expenses or damages (including, without limitation, reasonable attorneys' fees and costs) (collectively, "Claims") in any way arising out of acts taken pursuant to this Agreement or omissions to act related to: (i) damage to property or bodily injury or death of any person; (ii) any entry upon Metro property by South Coast AQMD or MSRC, their agents, employees and contractors; or (iii) any inspection made by South Coast AQMD or MSRC, their agents, employees and contractors, except to the extent such Claims arise solely from the gross negligence or willful misconduct of Metro, its agents, employees or contractors. The indemnities provided by South Coast AQMD in favor of Metro and the Indemnitees in this Agreement shall not require payment as a condition precedent and shall survive the termination of this Agreement.

Metro shall indemnify, defend (with counsel approved by South Coast AQMD) and hold harmless South Coast AQMD and MSRC and their respective representatives, employees, officials, directors, attorneys, consultants, successors and assigns (collectively, "Indemnitees") from any liability, claims, losses, costs, expenses or damages (including, without limitation, reasonable attorneys' fees and costs) (collectively, "Claims") in any way arising out of acts taken pursuant to this Agreement or omissions to act related to: (i) damage to property or bodily injury or death of any person; (ii) any entry upon South Coast AQMD or MSRC property by Metro, its agents, employees and contractors; or (iii) any inspection made by Metro, its agents, employees and contractors, except to the extent such Claims arise solely from the gross negligence or willful misconduct of South Coast AQMD or MSRC, their agents, employees or contractors. The indemnities provided by Metro in favor of South Coast AQMD or MSRC and the Indemnitees in this Agreement shall not require payment as a condition precedent and shall survive the termination of this Agreement.

VI. Notices

All notices required or permitted hereunder shall be delivered in person, by courier or overnight delivery service (e.g., USPS Express Mail, FedEx Express, etc.), or by registered or certified mail, postage prepaid, return receipt requested to such Party or by electronic mail at its address shown below, with an additional courtesy copy to the address listed after "with a copy to." Each Party may update their own addresses by providing written notice to the other party.

Metro: Los Angeles County Metropolitan Transportation Authority
One Gateway Plaza
Mail Stop 99-23-3
Los Angeles, CA 90012-2952
Attention: Akiko Yamagami
Email: yamagamia@metro.net

With a copy to: Office of the County Counsel
One Gateway Plaza
Mail Stop 24-2
Los Angeles, CA 90012-2932
Attention: Ronald Stamm
Email: stammr@metro.net

MSRC: Mobile Source Air Pollution Reduction Review Committee
21865 Copley Drive
Diamond Bar, CA 91765
Attention: Cynthia Ravenstein
Email: cravenstein@aqmd.gov

With copy to: South Coast Air Quality Management District
Office of the General Counsel

21865 Copley Drive
Diamond Bar, CA 91765
Attention: Daphne Hsu
Email: dhsu@aqmd.gov

Any such notice shall be deemed received (i) upon delivery, if delivered personally, (ii) the next business day after delivery if delivered by email, courier or overnight delivery service (e.g., USPS Express Mail, FedEx Express, etc.), (iii) three (3) days after deposit into the United States Mail in Los Angeles County, California, if delivered by registered or certified mail, and (iv) four (4) days after deposit in the United States Mail outside of Los Angeles County, California, if delivered by registered or certified mail. South Coast AQMD business days are Tuesday through Friday, excluding holidays.

VII. Interpretation

Construction. This MOA shall be construed in accordance with its fair meaning, and not strictly for or against either Party.

Conflict. In the event of a conflict between this MOA and the exhibits attached hereto, the terms of this MOA shall govern.

Gender. When the context of this MOA requires, (i) the neutral gender includes the masculine and feminine and any entity, and (ii) the singular includes the plural.

Section Headings. The headings of the Articles and Sections of this MOA are inserted solely for convenience of reference and are not intended to govern, limit or aid in the construction of any term or provision hereof.

Interpretation. The word “including” shall be construed as though the words “but not limited to” were, in each case, appended thereafter, and shall not be deemed to create a limitation to the list that follows “including”.

Incorporation of Recitals. The Recitals of this MOA are incorporated herein by reference.
[Signature page follows]

IN WITNESS WHEREOF, Metro and South Coast AQMD have signed this Agreement as of the dates set forth below.

Metro:

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

By: _____

Stephanie N. Wiggins
Chief Executive Officer

Approved as to form:

Date: _____

By: _____ Date: _____

Ronald W. Stamm
Principal Deputy County Counsel

South Coast AQMD:

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

By: _____

Vanessa Delgado
Chair, Governing Board

Approved as to form:

Date: _____

By: _____

Bayron T. Gilchrist
General Counsel

Date: _____

AGENDA ITEM # 10

Consider Partnering with Respondents to MSRC RFI 2023-01, Publicly Accessible Goods Movement Zero-Emission Infrastructure, in Seeking Funding Under the South Coast AQMD Carl Moyer Program Announcement PA2024-02, Zero-Emission Infrastructure Program



MSRC Agenda Item No. 10

DATE: January 18, 2024

FROM: Ray Gorski, MSRC Technical Advisor

SUBJECT: Consider Partnering with Respondents to MSRC RFI 2023-01, Publicly Accessible Goods Movement Zero-Emission Infrastructure, in Seeking Funding Under the South Coast AQMD Carl Moyer Program Announcement PA2024-02, Zero-Emission Infrastructure Program

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

On December 1, 2023, the South Coast AQMD issued Program Announcement PA2024-02 under the Carl Moyer Memorial Air Quality Standards Attainment Program. This funding opportunity seeks applications for the implementation of zero-emission fueling infrastructure, including electric charging infrastructure and hydrogen refueling, to support medium and heavy-duty zero emission trucks. A total of up to \$200 million is available under the Carl Moyer Zero-Emission Infrastructure Program. The application period opened on December 5, 2023, and will close at 1:00 pm on February 6, 2024.

The availability of Carl Moyer funding for zero-emission infrastructure projects presents an opportunity for the MSRC to partner with RFI respondents and potentially leverage MSRC **Clean Transportation Funding™** with SCAQMD Carl Moyer Funding. If successful, this fund leveraging would allow the MSRC to expand the number of projects receiving funding under RFI 2023-01, as well as fund additional clean air programs at the MSRC's discretion.

Three respondents to MSRC RFI 2023-01 that, to date, have not received MSRC funding, seek to partner with the MSRC and pursue funding under the Carl

Moyer Program Announcement PA2024-02. These RFI respondents include the Southern California Gas Company, Penske Truck Rental, and Pilot Flying J.

As discussed in the following Staff Report, MSRC Staff request that the MSRC-TAC consider a recommendation to the MSRC to award conditional funding to the Southern California Gas Company, Penske Truck Rental, and Pilot Flying J in the amounts described herein to partner in seeking funding under the Carl Moyer Program Announcement PA2024-02. MSRC funding would be conditioned on successful project selection by the South Coast AQMD.

RECOMMENDATION: MSRC-TAC recommends the MSRC approve the conditional awards of **Clean Transportation Funding™** as detailed in the attached staff report, totaling \$26,980,000.

WORK PROGRAM IMPACT: **Clean Transportation Funding™** to Implement Zero-Emission Infrastructure projects will be allocated from the FY 2021-'24 MSRC Work Program.

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

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At the December 6, 2023 MSRC-TAC meeting, MSRC Staff presented a concept for a potential partnership between the MSRC, RFI 2023-01 respondents, and the South Coast AQMD Moyer Program. At that meeting, Staff outlined a process wherein outreach would be conducted to RFI respondents who presented near “shovel ready” projects, as follows:

- Discuss Opportunity/Level of Interest with RFI Respondents ASAP
- Negotiate MSRC Co-Funding Contribution
- In January – Seek MSRC-TAC Approval

As discussed at the December 2023 MSRC-TAC meeting, application preparation and submittal to the South Coast AQMD would be the responsibility of the project proponent/bidder. The MSRC would provide a letter of co-funding commitment on behalf of the bidder for inclusion in the project application.

Three respondents to MSRC RFI 2023-01 that, to date, have not received MSRC funding, seek to partner with the MSRC and pursue funding under the Carl Moyer Program Announcement PA2024-02. These RFI respondents include the Southern California Gas Company, Penske Truck Rental, and Pilot Flying J.

Southern California Gas Company (SoCalGas) - SoCalGas is proposing implementation of a hydrogen refueling station. The proposed station would be designed in a manner similar to SoCalGas’ existing 16 public access renewable CNG stations to ensure that all vehicles, including heavy-duty trucks, have ample ingress and egress. Preliminary design specifications include:

- Design capability: 1,200 kilograms (kg)/day - this amount will be further optimized during final design.
- The preliminary design includes approximately 48 hours (2,400kg) of on-site storage - this amount will be further optimized during final design.
- The stations would be registered with CARB’s Low Carbon Fuel Standard and will meet all applicable LCFS requirements.
- Safety devices for safe operation and monitoring of station equipment, including flame detection, hydrogen gas detection, emergency stop buttons, pressure monitoring, temperature monitoring, and flow monitoring

The station proposed for this partnership is located on property owned by SoCalGas. This location already provides carbon negative transportation fuel to light-, medium- and heavy-duty vehicles and trucks (renewable CNG) and there are no existing environmental or remediation needs. The station address is 16231 Valley Blvd., Fontana, CA, 92335, Census Tract 06071003000. According to the State of California Department of Finance, this tract is located within a within a Qualified Opportunity Zone (QOZ) , and is well situated just off Interstate 10, between the 60, 210 15 and

215 freeways (See Figure 1). Hydrogen fueling will be integrated in the station in a manner that does not adversely affect existing CNG fueling.

Penske Truck Rental – Penske’s *Equity at Scale* Charger Network for Medium & Heavy-duty electric Vehicle (MHDEV) Rentals will install 114 dual port DC fast charge (DCFC) units, with a total port quantity of 228, at a total of twenty (20) of Penske’s existing commercial facilities. Penske’s proposed locations are geographically dispersed throughout the South Coast AQMD region and strategically situated near major interstates where goods movement activity is concentrated.

- Sites: 20 located within South Coast AQMD Jurisdiction
- Dual port DC Fast Charger quantity: 114
- Port quantity: 228
- Solar: 459 kw DC*
- Storage: 3.5MW*

The following figure illustrates the Penske locations proposed for DCFC installation:



Penske's project brings charging infrastructure to its publicly accessible rental vehicle fleet, which will:

- Guaranteed utilization - provides the vehicle to members of the public, which is currently a gap in the marketplace, and creates a widespread network of charging infrastructure for public rental refueling.
- Supports the broader definition of communal charging in alignment with new Moyer guidelines adopted in 2023 which is multi-fleet.
- Most "public" infrastructure being developed today for MHDEV tends to be more focused on reservation-based systems and models and are not necessarily open 24/7 to anyone. These sites will be open at all times to Penske's publicly accessible rental vehicle fleet without reservations.
- Funding agencies are gravitating toward multi-fleet or shared fleet, including federal programs. This definition is becoming more common as fleets are looking to have some guarantee of charging availability without investing at their own site.

Pilot Flying J – Pilot Flying J proposes to develop and operate a publicly-accessible hydrogen refueling station. The HERO Project – Hydrogen: An Emerging Refueling Option, will be located at 2325 Sierra Lakes Parkway, Rialto, CA 92377. The hydrogen station would be on the same parcel of land as the Pilot Travel Center currently under construction, which is east and adjacent to the proposed hydrogen station. This site is ideally located less than a mile off Interstate 210 to address the fueling needs of large fleets, owner operators, and everyday commuters. Pilot chose this location to install a hydrogen fueling station due to its proximity to major hubs such as Amazon, FedEx, and Target, easy access in and out of major roadways, large visibility from Interstate 210, capacity to handle a large volume of customers, and its proximity to neighboring areas categorized as disadvantaged communities by the State of California.

The following figure illustrates the large number of warehouses, logistics, and distribution centers within a 1.5-mile radius of the proposed HERO site:



MSRC Funding Requests:

The funding request amount from each of the potential MSRC-Moyer partners reflect a significant reduction – on the order of 50% lower - from the original amount requested in their MSRC RFI 2023-01 submittal, adjusted for inflation. The MSRC funding requests are as follows:

- Southern California Gas Company: \$6,000,000
- Penske Truck Rental: \$17,980,000
- Pilot Flying J: \$3,000,000

If successful, the funding requests shown above will be leveraged with SCAQMD Carl Moyer funding, as well as substantial co-funding provided by the project applicant. In all cases, the MSRC funding contribution is less than 25% of the total project cost.

The total funding associated with the MSRC-Moyer partnership is \$26.98M.

MSRC-TAC Recommendation: The MSRC-TAC recommends the MSRC commit the funding amounts shown above to the SoCalGas, Penske Truck Rental, and Pilot Flying J zero-emission infrastructure projects. All three projects are deemed meritorious, near shovel ready, and through potential leveraging with SCAQMD Carl Moyer funding, can be fully implemented at an MSRC funding investment substantially less than the amount originally requested.