



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

Thursday, March 18, 2021 at 2:00 p.m.

Pursuant to Governor Newsom's Executive Orders N-25-20 (March 12, 2020) and N-29-20 (March 17, 2020), the MSRC meeting will only be conducted via video conferencing and by telephone. Please follow the instructions below to join the meeting remotely.

INSTRUCTIONS FOR ELECTRONIC PARTICIPATION AT BOTTOM OF AGENDA

Join Zoom Webinar Meeting - from PC or Laptop
<https://scaqmd.zoom.us/j/95235098080>

Zoom Webinar ID: 952-3509-8080 (applies to all)

Teleconference Dial In
+1 669 900 6833

One Tap Mobile
+16699006833, 95235098080

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

PUBLIC COMMENT WILL STILL BE TAKEN

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

MSRC Committee Members

MSRC Chair

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

MSRC Vice-Chair

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

Tim Shaw
Member, Board of Directors, OCTA
Representing Orange County Transportation Authority
Alternate: Lisa Bartlett, Member, OCTA Board of Directors

Sydney Vergis, CARB Staff
Representing California Air Resources Board

Ben Benoit
Member, SCAQMD Governing Board
Representing South Coast Air Quality Management District

John Dutrey
Member, Board of Directors, SBCTA
Representing Regional Rideshare Agency
Alternate: Ray Marquez, Member, SBCTA Board of Directors

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

Jed Leano
Member, SCAG Regional Council
Representing Southern California Association of Governments
Alternate: Mark Henderson, Member, SCAG Regional Council

CALL TO ORDER

Opening Comments: Larry McCallon, MSRC Chair
Other MSRC Members

STATUS REPORT

Clean Transportation Policy Update

Ravenstein

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

CONSENT CALENDAR (Items 1 and 2)

Receive and Approve

1. Minutes of the October 15 and November 19, 2020 MSRC Meetings Cedillo

Information Only - Receive and File

2. MSRC Contracts Administrator's Report Ravenstein

This report covers key issues addressed by MSRC staff, status of open contracts, and administrative scope changes from January 28 through March 3, 2021.

3. Financial Report on AB 2766 Discretionary Fund Kampa

Financial Report for February 2021.

ACTION CALENDAR (Items 4 through 8)

2016-18 WORK PROGRAM

4. Consider Project Concepts Received under the Hydrogen Infrastructure Partnership Program Marquez

As an element of their FYs 2016-18 Work Program, the MSRC allocated \$3,000,000 for the implementation of hydrogen refueling stations within South Coast AQMD's jurisdiction. A Program Opportunity Notice was released on April 6, 2018, which has a closing date of April 9, 2021. The PON encourages partnerships with regulatory agencies such as the California Energy Commission, South Coast AQMD, and CARB, but also allows participation by other public and private stakeholders. A geographic funding minimum of \$500,000 per county has been established, and \$1,000,000 has been awarded to date. Project concepts have been received from California State University Los Angeles Auxiliary Services and San Bernardino County Transportation Authority. The MSRC-TAC has reviewed the project concepts and recommends that the MSRC seek the submission of full proposals from these project proponents, to include the specific information discussed in the staff report. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL**

2018-21 WORK PROGRAMS

5. Receive Status Update and Consider Midcourse Adjustment for Voucher Incentive Program (VIP) Plus Up

Ravenstein

As an element of their FYs 2018-21 Work Program, the MSRC allocated \$5,000,000 to partner with the South Coast AQMD for a VIP Plus Up Incentive. The baseline VIP offers incentives to encourage the replacement of older, higher-polluting vehicles with newer, lower-emission vehicles. The Plus Up offers an increased incentive to achieve additional surplus emission reductions. This item will provide a status update and consider options going forward, which may include adjusting incentive amounts and redeploying a portion of the current allocation to immediate MSRC funding needs in other areas. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL OF INCREASING THE MAXIMUM COMBINED INCENTIVE FOR CLASS 8 TRUCKS TO \$125,000 AND REALLOCATING \$2,500,000 FROM THE VIP PLUS UP PROGRAM TO THE UNALLOCATED AB 2766 DISCRETIONARY FUND BALANCE**

6. Consider Proposals Received under Cargo Handling Equipment & Infrastructure at Warehouse, Distribution & Intermodal Facilities in Riverside & San Bernardino Counties RFP

Olson

As an element of their FYs 2018-21 Work Program, the MSRC initially allocated \$6,000,000 to partner with owners and/or operators of warehouses, distribution centers, logistics facilities and intermodal hubs located in Riverside or San Bernardino County to implement air pollution reduction strategies that reduce emissions generated from cargo handling equipment during shipping container movement and bulk material processing. RFP #P2021-08 was released on November 6, 2020 with a closing date of January 15, 2021. Six proposals were received by the deadline and found to meet the requirements of the RFP. The MSRC-TAC Inland Ports Subcommittee has reviewed the proposals and recommends awards to Penske Truck Leasing, CMA CGM (America), and ITS Technologies and Logistics. The Subcommittee further recommends that the proposals from MHX and RDS Logistics be placed on the Backup List, and suggests that the MSRC consider further actions as described in the staff report should the MSRC allocate additional funds to this category. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL**

7. Consider Proposals Received under Trucking to Warehouse, Distribution & Intermodal Facilities in Riverside & San Bernardino Counties RFP

Olson

As an element of their FYs 2018-21 Work Program, the MSRC initially allocated \$14,000,000 to partner with businesses which frequently transport goods to warehouses, distribution centers, logistics facilities and intermodal hubs located in Riverside or San Bernardino County to partially offset the cost of acquiring zero or near-zero emission heavy-duty trucks and associated infrastructure. RFP #P2021-07 was released on November 6, 2020 with a closing date of January 15, 2021. Eleven proposals were received by the deadline, and ten were found to meet the requirements of the RFP. The MSRC-TAC Inland Ports Subcommittee has reviewed the proposals and recommends awards to Amazon Logistic, 4 Gen Logistics, Green Fleet Systems, Premium Transportation Services, and Ryder System. The Subcommittee further recommends that the proposals from MHX, Pac Anchor Transportation, Volvo Financial Services, Sea Logix, and CMA CGM (America) be placed on the Backup List, and suggests that the MSRC consider further actions as described in the staff report should the MSRC allocate additional funds to this category. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL**

2021-TBD WORK PROGRAM

8. Consider Partnership Opportunities and Potential MSRC Funding Commitments to Participate in the California Energy Commission's Research Hub for Electric Technologies in Truck Applications (RHETTA) Program.

Gorski

The MSRC has received two (2) unsolicited proposals seeking to establish a partnership in pursuit of funding from the California Energy Commission (CEC) under the RHETTA Program. The Los Angeles Cleantech Incubator (LACI) with project partner the Transportation Electrification Partnership (TEP) requests \$2.0M in MSRC co-funding; the University of California Riverside (UCR) requests \$1.5M in MSRC co-funding. Both LACI-TEP and UCR request that: 1) the MSRC partner with that entity in the pursuit of RHETTA funding, 2) the MSRC commit co-funding in the amount specified above towards implementation of the RHETTA project proposed to the CEC, and 3) the MSRC provide a letter for inclusion in their proposal stating the MSRC's commitment of project co-funding. **THE MSRC-TAC DID NOT CONSIDER THIS ITEM**

OTHER BUSINESS

9. **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: April 15, 2021, 2:00 p.m., Location: Remote Meeting

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. Penny Shaw Cedillo at (909) 396-3179 from 7:00 a.m. to 5:30 p.m., Tuesday through Friday, or send the request to pcedillo@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 Penny Shaw Cedillo at (909) 396-3179 or send the request to pcedillo@aqmd.gov

Contacts: Cynthia Ravenstein, MSRC Contracts Administrator - (909) 396-3269
Ray Gorski, MSRC Technical Advisor – (909) 396-2479
Penny Shaw Cedillo, MSRC Administrative Liaison – (909) 396-3179
***** Visit Our Website At: www.cleantransportationfunding.org *****

INSTRUCTIONS FOR ELECTRONIC PARTICIPATION

Instructions for Participating in a Virtual Meeting as an Attendee

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

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

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

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

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

If interpretation is needed, more time will be allotted.

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

Directions for Video ZOOM on a DESKTOP/LAPTOP:

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

Directions for Video Zoom on a SMARTPHONE:

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

Directions for TELEPHONE line only:

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

AGENDA ITEM #1

October 15 and November 19, 2020
MSRC Meeting Minutes



MOBILE SOURCE AIR POLLUTION REDUCTION REVIEW COMMITTEE
THURSDAY, OCTOBER 15, 2020 MEETING MINUTES
21865 Copley Drive, Diamond, Bar, CA 91765 – Remote Meeting

**All participants attended the meeting remotely pursuant to
Executive Orders N-25-20 and N-29-20**

MEMBERS PRESENT:

(Chair) Larry McCallon, representing San Bernardino County Transportation Authority (SBCTA)
(Vice-Chair) Brian Berkson, representing Riverside County Transportation Commission (RCTC)
Ben Benoit, representing South Coast AQMD
Michael Carter (Alt.), representing California Air Resources Board (CARB)
John Dutrey, representing Regional Rideshare Agency
Jed Leano (Alt.), representing Southern California Association of Governments (SCAG)
Ray Marquez (Alt.), representing Regional Rideshare Agency
Meghan Sahli-Wells, representing Southern California Association of Governments (SCAG)
Mark Yamarone (Alt.), representing Los Angeles County Metropolitan Transportation Authority (Metro)

MEMBERS ABSENT:

Tim Shaw, representing Orange County Transportation Authority (OCTA)
Steve Veres, representing Los Angeles County Metropolitan Transportation Authority (Metro)

MSRC-TAC MEMBERS PRESENT:

MSRC-TAC Chair AJ Marquez, representing Orange County Board of Supervisors
MSRC-TAC Vice Chair Jenny Chan, representing RCTC
Rongsheng Luo, representing SCAG
Steven Lee, representing Metro
David Lor, representing Metro
Kelly Lynn, representing SBCTA
Nicole Soto, representing Regional Rideshare Agency
Derek Winters, representing CARB

OTHERS PRESENT:

Mark Abramowitz

Manny Alacron

Tricia Almiron

Ruben Aronin, Better World Group

Lauren Dunlap

Sam Emmerson, Better World Group

Lex Frazier

Rick Sikes

Charlies Williams

Alex Van Houghton

SOUTH COAST AQMD STAFF & CONTRACTORS

Leah Alfaro, MSRC Contracts Assistant

Naveen Berry, Asst. Deputy Executive Officer

Penny Shaw Cedillo, MSRC Administrative Liaison

Ray Gorski, MSRC Technical Advisor-Contractor

Joseph Impullitti, Technology Demonstration Manager

Daphne Hsu, Senior Deputy District Counsel

John Kampa, Financial Analyst

Josephine Lee, Senior Deputy District Counsel

Matt MacKenzie, MSRC Contracts Assistant

Cynthia Ravenstein, MSRC Contracts Administrator

Paul Wright, Information Technology Specialist

CALL TO ORDER

- Call to Order

MSRC Chair Larry McCallon called the meeting to order at 2:01 p.m.

Roll call was taken at the start of the meeting. The following members and alternates were present: DUTREY, CARTER, MCCALLON, SAHLI-WELLS, YAMARONE.

- Opening Comments

Naveen Berry, Asst. Deputy Executive Officer, commented that Joseph Impullitti from our Technology Demonstration staff will be giving a brief overview of a potential project that we are thinking about submitting in response to an anticipated CARB and California Energy Commission (CEC) solicitation.

- STATUS REPORT

Cynthia Ravenstein, MSRC Contracts Administrator, reported this edition focused strictly on legislative developments, which covered bills that were signed by the Governor that are related to MSRC interests. Due to events that have been going on this year, the activity has not been that great.

[MSRC Members Ben Benoit and Brian Berkson arrived during the discussion of this item]

Member Meghan Sahli-Wells stated for the record that for Agenda Item #7, she does not have any financial interest, but is required to identify that she is a Regional Council Member for Southern California Association of Governments, which is involved in this item.

MSRC Alternate Mark Yamarone stated for the record that for Agenda Items #5 and #7, he does not have any financial interest, but is required to identify that he is an employee of the Los Angeles County Metropolitan Transportation Authority, which is involved in these items.

MSRC Chair Larry McCallon stated for the record that for Agenda Item #7, he does not have any financial interest, but is required to identify that he is a Governing Board Member for the South Coast AQMD and a Regional Council Member for Southern California Association of Governments, which is involved in these items.

MSRC Member Ben Benoit stated for the record that for Agenda Items #7, he does not have any financial interest, but is required to identify that he is Vice Chair on the South Coast AQMD Governing Board and a Regional Council Member for Southern California Association of Governments, which is involved in these items.

MSRC Alternate Michael Carter stated for the record that for Agenda Item #6, he does not have any financial interest, but is required to identify that he is an employee of the California Air Resources Board, which is involved in this item.

CONSENT CALENDAR (Items 1 through 3)

Informational Only – Receive and Approve Items

Agenda Item #1 – MSRC Contracts Administrator’s Report

The MSRC AB 2766 Contracts Administrator’s Report for August 27 through September 23, 2020 was included in the agenda package.

ON MOTION BY MSRC MEMBER BEN BENOIT, AND SECONDED BY MSRC MEMBER MEGHAN SAHLI-WELLS, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #1 THROUGH #3, THE MSRC UNANIMOUSLY VOTED TO RECEIVE AND FILE THE CONTRACTS ADMINISTRATOR’S REPORT FOR AUGUST 27 THROUGH SEPTEMBER 23, 2020.

AYES: BENOIT, BERKSON, CARTER, DUTREY, MCCALLON, SAHLI-WELLS, YAMARONE.

NOES: NONE.

ACTION: Staff will include the MSRC Contracts Administrator’s Report in the MSRC Committee Report for the November 6, 2020 South Coast AQMD Board meeting.

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

A financial report on the AB 2766 Discretionary Fund for September 2020 was included in the agenda package.

ON MOTION BY MSRC MEMBER BEN BENOIT, AND SECONDED BY MSRC MEMBER MEGHAN SAHLI WELLS, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #1 THROUGH #3, THE MSRC

UNANIMOUSLY VOTED TO RECEIVE AND FILE THE FINANCIAL REPORT FOR THE PERIOD ENDING SEPTEMBER 2020.

AYES: BENOIT, BERKSON, CARTER, DUTREY, MCCALLON, SAHLI-WELLS, YAMARONE.

NOES: NONE.

ACTION: No further action is required.

For Approval – As Recommended

Agenda Item #3 – Consider Substitution of 40 Public Access Charging Ports for 32 Public Access Charging Stations, Substitution of 10 Limited Access Charging Ports for 7 Limited Access Stations, Location Changes, Reallocation of Funds Between Tasks, and 19-Month Term Extension by City of Santa Monica, Contract #ML18080 (\$121,500 – Install EV Charging Stations)

In order to better serve the needs of their residents, the City requests to change some locations and use multi-port charging stations in some cases, substituting the installation of 40 total public access Level II charging ports for the installation of 32 Level II charging stations and substituting the installation of 10 limited access charging ports for 7 limited access stations. The City further requests to reallocate \$944 which was originally budgeted for limited access stations to the public access charging ports. Lastly, due to unforeseen project delays associated with budget and staff cuts and shifted City priorities due to COVID-19, the City requests a 19-month term extension.

ON MOTION BY MSRC MEMBER BEN BENOIT, AND SECONDED BY MSRC MEMBER MEGHAN SAHLI WELLS, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #1 THROUGH #3, MSRC UNANIMOUSLY VOTED TO APPROVE THE SUBSTITUTION OF 40 PUBLIC ACCESS CHARGING PORTS FOR 32 PUBLIC ACCESS CHARGING STATIONS, SUBSTITUTION OF 10 LIMITED ACCESS CHARGING PORTS FOR 7 LIMITED ACCESS STATIONS, LOCATION CHANGES, REALLOCATION OF FUNDS BETWEEN TASKS, AND 19-MONTH TERM EXTENSION BY CITY OF SANTA MONICA, CONTRACT #ML18080.

AYES: BENOIT, BERKSON, CARTER, DUTREY, MCCALLON, SAHLI-WELLS, YAMARONE.

NOES: NONE.

ACTION: This item will be considered by the South Coast AQMD Board at its meeting on November 6, 2020.

ACTION CALENDAR (Item 4 through 7)**Agenda Item #4 – Consider Four-Month Term Extension for Los Angeles County Metropolitan Transportation Commission (Metro), Contract #MS16090 (\$2,500,000 – Expansion of the Willowbrook/Rosa Parks Transit Station)**

Cynthia Ravenstein, MSRC Contracts Administrator, reported this request comes from Metro. They were awarded \$2.5 million under the MSRC FYs 2014-16 Transportation Control Measure Partnership Program to do some expansion of the Willowbrook/Rosa Parks Transit Station. There were greater than anticipated coordination and design requirements with Union Pacific Railroad and the County of Los Angeles. While dealing with that, they had to open a temporary entry area to allow the station to open, now that is going to have to be shut down. They requested four months to enable them to wrap up the construction. When the MSRC-TAC considered the request, there was some uncertainty as to whether Metro had allowed enough time for completing all of the reporting requirements as well as the construction. The MSRC-TAC recommended to extend the contract term for 12 months to allow for sufficient time. This recommendation is to extend for longer than what the contractor had requested.

ON MOTION BY MSRC MEMBER BEN BENOIT, AND SECONDED BY MSRC MEMBER MEGHAN SAHLI-WELLS, MSRC UNANIMOUSLY VOTED TO APPROVE A ONE-YEAR TERM EXTENSION FOR LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION COMMISSION (METRO), CONTRACT #MS16090.

AYES: BENOIT, BERKSON, CARTER, DUTREY, MCCALLON, SAHLI-WELLS, YAMARONE.

NOES: NONE.

ACTION: MSRC Staff will amend the above contract accordingly.

FYs 2018-21 WORK PROGRAM**Agenda Item #5 – Consider RFP for Zero and Near-Zero Trucking to the Warehouse, Distribution, and Intermodal Facilities in Riverside & San Bernardino Counties and RFP for Zero and Near-Zero Cargo Handling Equipment at Warehouse, Distribution and Intermodal Facilities in Riverside & San Bernardino Counties**

MSRC-TAC Member Tim Olson reported, we have gone through extensive discussions amongst the subcommittee and the MSRC-TAC. Funds were divided for two RFPs: \$14 million for on-road distribution, either vehicles or infrastructure for zero, near zero, hydrogen, all electric and renewable natural gas low NOx engines and \$6 million for the off-road segments of the same areas. Both RFPs are being proposed for public release in

early November, with proposals due in mid-January. The MSRC conducted a Program Opportunity Notice (PON) back in the late winter and solicited concept papers, we received 11 proposals from several different trucking fleets and OEMs. Several of them proposed fleets in the range of 50 to 100 vehicles. There were a couple of detailed proposals, but most of them were one and two pages. There were proposals for \$60 million in MSRC money, matched with \$89 million from various sources. We felt we did not have sufficient information on all proposals to make decisions. Almost all of the matching funds were heavily dependent on CARB programs for vehicle buy down incentives. During the spring, the State budget process started identifying shortfalls in those funds. It is related to Cap and Trade, and Greenhouse Gas Reduction Funds and there was at that point in time a waitlist that went back to November 2019 with lots of vehicle applications. That system has not changed, and that shortfall of money still exists today.

One of the ideas was to select a couple of projects out of the PON and fund them, but when we saw this cratering of some of the matching money from the State, we felt it was worth exploring in a different manner. The other factor is that CEC and CARB has formed a joint alliance on the remaining money and is about to put out an RFP. There is going to be some overlap in common areas with these proposed RFPs. Potentially that State money could be part of the match of what is being proposed. The idea now is to go forward with these RFPs. The RFPs have a number of flexibility factors in them. There is geographic coverage for all four counties with a reserve of \$1.25 million for each county area. There is a cap on the size of the project. Also built in is the flexibility to add money into this if the demand is similar to what was seen with the PON. A Truck Cooperative workgroup was conducted and a proposal from LACI was presented to basically deploy some of the same money through them. Looking at this deployment, this will put the MSRC on the map as one of the key freight movement co-funding entities in the state of California. This total will equal what the state is doing in drayage trucks.

MSRC Chair Larry McCallon asked, on the RFP for the cargo handling equipment, is there geographic equity between Riverside and San Bernardino County? Mr. Olson replied, in those PON proposals, the cargo handling equipment requests came primarily from San Bernardino. I am aware of other material handling distribution centers in Moreno Valley and other parts of Riverside. Some of this is getting the word out and letting them know that we have this kind of solicitation. I also think that there are other projects in San Bernardino County that are not aware of MSRC funding.

MSRC Member Meghan Sahli-Wells asked, in Culver City, we are at renewable natural gas (RNG) and moving toward electrification. If we are investing money, why not go for the zero emission as opposed to the near-zero? Mr. McCallon replied, we are trying to get reductions in criteria pollutants as soon as possible. The Cummins .02-gram engine exists. If we can get that deployed in the near term until the zero emission vehicles become more ubiquitous, those will be introduced in the fleet also. I would still want us to be looking at near-zero emission engines, since we have invested so much money at

South Coast AQMD in developing them. MSRC Member Ben Benoit commented, reports seen through South Coast AQMD show that if we spend every dollar, we had on electrification it would only take a small chunk of the pie out. If the money is split, we get a much bigger piece of the overall NOx and SOx reductions that we really need to meet federal attainment that is right around the corner. Lean in both directions but lean into the wind as much as we can to get what we can that actually takes the NOx and SOx out of the air right now. Naveen Berry, Asst. Deputy Executive Officer commented, depending on the feedstock, RNG probably has the greatest impact in terms of a negative carbon intensity relative to even solar electricity.

Mr. Olson commented, I work in all of these areas. From a greenhouse gas standpoint, we are going to need contributions from everything, near-term and long-term just to reach these goals. From a State standpoint, there is a big reliance on the zero emission vehicle technologies but there is a maturity factor. For example, in the Volvo Lights project, that new truck is in the first stages of what Volvo described as a 10-stage effort to get a production line vehicle mass-manufactured. The typical time frame can be eight to ten years for that to happen. There was \$50 million dedicated for Volvo Lights. They are going to need a similar investment in almost every one of those stages. We are happy to be a contributor and support, but the reality is, especially for tailpipe emissions you need some near-term things. We need to get methane out of the environment. There is a huge effort in the State of California to capture methane, mainly from dairies, landfills, and wastewater treatment. The truck industry could be the first market, it could go into other sectors at some future point.

Ray Gorski commented that there is no geographic minimum between San Bernardino and Riverside counties in the cargo handling equipment RFP, but it certainly could be added. It does focus on the Inland Empire, but there is no set aside for one county in the Inland Empire as opposed to the other. Mr. McCallon commented, we will see what comes forward. We will see if there are others that are not aware of what is going on and we may get some more proposals, but if we get sufficient proposals out of both counties, it would be good to have geographic equity. Mr. Gorski commented that the RFPs are flexible enough to accommodate that.

Mr. McCallon asked, is there going to be a skin in the game requirement for the guys that propose? Mr. Gorski replied, yes, the primary evaluation criterion is going to be cost-effectiveness. To achieve cost-effective projects the expectation is that the majority of the funding will in fact be put in by sources other than the MSRC.

ON MOTION BY MSRC MEMBER JOHN DUTREY, AND SECONDED
BY MSRC MEMBER BEN BENOIT, MSRC UNANIMOUSLY VOTED
TO APPROVE THE RFP FOR ZERO AND NEAR-ZERO TRUCKING
TO THE WAREHOUSE, DISTRIBUTION, AND INTERMODAL
FACILITIES IN RIVERSIDE & SAN BERNARDINO COUNTIES AND
THE RFP FOR ZERO AND NEAR-ZERO CARGO HANDLING

EQUIPMENT AT WAREHOUSE, DISTRIBUTION AND INTERMODAL FACILITIES IN RIVERSIDE & SAN BERNARDINO COUNTIES.

AYES: BENOIT, MCCALLON, SAHLI-WELLS, BERKSON, CARTER, DUTREY, YAMARONE.

NOES: NONE.

ACTION: This item will be considered by the South Coast AQMD Board at its meeting on November 6, 2020.

Agenda Item #6 – Receive Update on Proposed Partnership with South Coast AQMD and Regional Partners on Large-Scale Zero Emission Demonstration

Naveen Berry, Asst. Deputy Executive Officer, reported this is an information item only which will display what efforts we are making towards a true zero emission pathway. We are planning on proposing in response to a yet to be released solicitation by CARB and the CEC certainly lays that groundwork. Our Technology Demonstration Manager, Joseph Impullitti, will be giving a brief presentation on the concept that the South Coast AQMD is currently evaluating for this solicitation.

Joseph Impullitti, Technology Demonstration Manager reported that once a solicitation comes out and our proposal is fully developed, we will return to the committee with a more detailed and accurate presentation of what the project's going to be. NFI Industries and Schneider National are leaders in clean transportation and positioned to pilot the deployment of zero emission trucks at scale. Collectively, the fleets in partnership with the South Coast AQMD, will deploy 100 Class 8 commercially available electric tractors from both Daimler and Volvo. NFI's main campus is in Chino, which is located within San Bernardino County, and currently has a fleet of 65 vehicles, the majority of which are diesel. NFI hauls freight straight from both the Ports of Los Angeles and Long Beach to its Chino campus and then hauls an empty cargo container back to the Ports. Most NFI's customers are high-profile brand names. Schneider has made a sustainability a core focus of their business since 1978 with an emphasis on fuel efficiency, freight consolidation and energy conservation. They are in partnership with Daimler Trucks, North America, and their Electric Mobility Group. Along with them, Schneider's beginning the process of electrifying its fleet to become an early adopter of zero emission technology. Schneider is ranked as the fifth largest for-hire fleet nationwide and runs a fleet of 9,000 company-owned tractors. Most of the interstate travel for these 100 battery-electric trucks will occur on interstate I-710, which aligns this project with several other transportation electrification initiatives in the region. Nearly 100 percent of NFI's trips will involve the I-710 at some point along the route, for approximately 10 to 30 miles per route, and there are approximately two to three routes per day per truck. Schneider's trucks routes will include the I-710 at least 45 percent of the time and log between 787 and 2,300 zero emission miles per day, according to some early estimates. Combining these two fleet projects will significantly reduce emissions along the I-710. An accurate budget

will not be available until the solicitation is released. The solicitation will have CARB and CEC each putting up \$20 million. CARB's funding will go towards vehicles and CEC's funding towards infrastructure. Fleets have committed to cash and in-kind funding, as well as South Coast AQMD pending Governing Board approval. South Coast AQMD will be the lead agency in this project.

Mr. Berry commented these two fleets have some experience with some of the early stage demonstration trucks already. To grow from those few, like 5 or 10 or even 15, into 50 and a goal of transitioning their full fleet to zero emission is very exciting. It will be a great template that could be followed in terms of infrastructure, trucks and the issues when transitioning diesel or even natural gas fleets over to fully electric.

MSRC Member Meghan Sahli-Wells asked, what is the timeline for deployment? Mr. Impullitti responded we have been waiting for several months for the solicitation. Now the latest expectation is by the end of this month or early November. It is going to take several months to develop that application. We are not expecting the results of the solicitation to come out until first quarter of next year. And if we receive an award, it is going to take at least six months for contracting with our partners, getting Governing Board approval, and executing the contracts with CEC and CARB. The beginning of the third quarter of next year, these projects should be launched, if awarded. Mr. Berry commented, the trucks will more than likely roll out in the 2022 to 2023 timeframe, before that infrastructure planning will be part of the process.

MSRC Member Brian Berkson asked, what happens with the old trucks that they get rid of? Will they be not allowed to be registered in the state or dismantled? We want to replace the old ones with new ones that have less emissions and we do not want the old ones back on the road somewhere else in the state. Would there be a time limit on how long these fleets must take possession of all the vehicles because we would not want it to drag on. Mr. Berry replied, we are waiting for the solicitation, but generally under CARB's incentive programs, those old trucks need to be scrapped. They would no longer be emitting in the South Coast Air Basin. South Coast AQMD has also been working on some alternative strategies, where depending on the age of the trucks those replaced trucks could go into the hands of smaller independent owner operators, then the oldest truck may be destroyed. CARB has funds that expire at a certain time frame. These trucks will have to be deployed by the 2023 timeframe to have the adequate amount of demonstration period and data that CARB will be looking for. Depending on the commercial readiness by then, and the production capabilities, that may be extended.

MSRC Member John Dutrey asked, if MSRC engages in this partnership are we looking at future FY revenues to do this? How much funding are we discussing? Mr. Berry replied, the budget for the project is \$80-some-odd million. \$40 million will be available from CEC and CARB combined. Without having the solicitation requirements, it is difficult to answer the question as to what the South Coast AQMD may ask the MSRC to contribute. For example, we do not know whether aspects such as solar and energy

storage will be eligible or not. As we get a better understanding of the requirements for the solicitation, we can refine our budget and we will be able to answer that specific request in subsequent meetings. Mr. Dutrey commented, it is a worthwhile demonstration to move forward with, at least the study portion of it. And then allow staff to do an analysis and eventually have it go through the TAC and come back this committee for further discussion.

ACTION: No further action is required.

Agenda Item #7 – Consider Options to Support Making the Current Suspension of Certain Requirements of the Brown Act Permanent

Ruben Aronin, Better Work Group reported that comments made at the end of the last MSRC meeting noted some of the benefits that the reaction to COVID-19 crisis has created for the MSRC, and possibly for other public agencies, because the Governor's Executive Order created the opportunity for digital meetings. The MSRC is having less challenge getting a quorum and robust participatory engagement by not having all of the members need to be in Diamond Bar. Additionally, the electronic meetings are allowing some members of the public to participate in meetings that otherwise would not be able to, either because of accessibility or the need to drive long distances. As noted, there is also an ancillary air quality benefit. Productivity gains have been seen from people being able to participate in virtual meetings and from saving a significant amount of time from not having to commute. There are some drawbacks to electronic meetings. They can restrict the public's ability to have direct in-person access in their interactions with board members, and meeting documents are not always available online in advance of meetings. Not all members of the public have access to computers or reliable internet access and remote participation can create a further hardship in some cases. Considering any further direction, there could be and most likely be push back from community-based organizations in under-resourced communities where the MSRC's Goods Movement investments may hopefully have significant impacts. There could be hybrid solutions to potentially retain some of the benefits of the electronic public meetings without restricting other forms of participation. The MSRC is unlikely to influence an outcome on its own. It may be worthwhile looking at whether other public agencies are looking at some of the opportunities and challenges of this new way of doing things and whether there could be an opportunity to support or participate in another public agency's efforts that leads to some recommendations. If the MSRC would like for the Better World Group to substantively explore this further on behalf of the MSRC, we suggest having us conduct outreach to local community organizations to really understand the concerns that they have about making modifications, and offer an in-person meeting location for members of the public that cannot participate remotely. We may want to engage with South Coast AQMD's legislative branch to explore if they are looking at or considering anything in this space as well. And for that matter, we may want to look at other agencies to see if there is some groundswell interest or momentum around efforts to make

modifications that could create or continue the benefits beyond the COVID crisis and to see where the MSRC may want to add support to any of these efforts.

MSRC Chair Larry McCallon commented, there are lots of benefits of having these kinds of meetings. I also agree that the public has probably better interaction with us in a public meeting. I would like not to have roll call requirements for these kinds of video meetings.

MSRC Member Meghan Sahli-Wells commented, I have also come upon the hybrid model as the ultimate solution because the goals are to maximize transparency, to provide maximum accessibility and maximum participation and the more options there are for people who want to serve on boards, for staff members and for members of the public. I have never seen more public participation in our City Council meetings than during the pandemic. I would love to see the MSRC pursue the recommendations from the Better World Group, understanding that on our own we are not going to make this change, but we could join with other organizations and write a letter to the Governor asking the Governor and the Legislature to consider these changes.

MSRC Member Ben Benoit commented, that is a great ambition, this is not the right body to lead this effort. The League of Cities and other advocacy groups have a letter going to the Governor, the MSRC could sign on to that. The MSRC does not need to spend staff time and resources to come up with and frame those efforts. At South Coast AQMD there is some talk about this too. I am encouraged by it and want to see the MSRC sign on when there is some movement in that direction. Ms. Sahli-Wells asked, how much time and resources would it take? Mr. McCallon commented, there are more pressing matters for the Better Word Group to work on. Mr. Aronin commented, we could limit our time engagement and work with MSRC staff. Ms. Sahli-Wells commented, the reason why I brought it up on in this committee is for the air quality impacts. Our job is here is to reduce those impacts. Two or three hours to check in with folks and write a letter would not be unreasonable given our goals. Mr. McCallon commented, it would have more impact coming from the League of Cities or SCAG.

MSRC Member Dutrey commented, this is not the right body to do it and it should come from bodies that are much better known. A hybrid concept will come out of the Legislature eventually. Obviously, we have got another wave of coronavirus coming in and that will be the focus. These type of meetings will continue and it definitely has to have an air quality benefit but it also has a quality of life benefit and gives the flexibility as a board member or the public, whether you want to be at the actual site or you can be on a Zoom. The leadership to revise the Brown Act should come from other organizations.

MSRC Alternate Mark Yamarone commented, this group has been doing hybrid meetings for the five years I've been participating and we have been able to satisfy the existing Brown Act requirements with a little responsibility for our staff to post the meeting

agendas at Metro. We have been hosting the meetings which are public meetings and we often get public members participating. Perhaps the hybrid meetings will continue without the need to modify the Brown Act, if other agencies wanted to also host remote sites or folks can take transit to various municipal locations to participate without having to drive into Diamond Bar. Mr. McCallon commented, we have been doing the hybrid meetings and the only impediment really to our meetings has been the requirement for the roll call vote because we are doing video. If we could get rid of the roll call vote requirement, it would certainly help the hybrid meetings get along a lot better and faster. The consensus is to not proceed with this item and let the League of Cities, South Coast AQMD, SCAG and others take it on. Mr. Benoit commented, this item should be tabled until other groups move forward and sign on and support their efforts.

ACTION: No further action is required.

Agenda Item #8 – Other Business

No other business was introduced.

PUBLIC COMMENT PERIOD

Public comments were allowed during the discussion of each agenda item. No comments were made on non-agenda items.

ADJOURNMENT

There being no further business, the MSRC meeting adjourned at 3:03 p.m.

NEXT MEETING

Thursday, November 19, 2020, at 2:00 p.m.

[Prepared by Penny Shaw Cedillo]

**MOBILE SOURCE AIR POLLUTION REDUCTION REVIEW COMMITTEE
THURSDAY, NOVEMBER 19, 2020 MEETING MINUTES**
21865 Copley Drive, Diamond, Bar, CA 91765 – Remote Meeting

**All participants attended the meeting remotely pursuant to
Executive Orders N-25-20 and N-29-20**

MEMBERS PRESENT:

(Chair) Larry McCallon, representing San Bernardino County Transportation Authority (SBCTA)
Ben Benoit, representing South Coast AQMD
John Dutrey, representing Regional Rideshare Agency
Michael Carter (Alt.), representing California Air Resources Board (CARB)
Jed Leano (Alt.), representing Southern California Association of Governments (SCAG)
Ray Marquez (Alt.), representing Regional Rideshare Agency
Meghan Sahli-Wells, representing Southern California Association of Governments (SCAG)
Tim Shaw, representing Orange County Transportation Authority (OCTA)
Mark Yamarone (Alt.), representing Los Angeles County Metropolitan Transportation Authority (Metro)

MEMBERS ABSENT:

(Vice-Chair) Brian Berkson, representing Riverside County Transportation Commission (RCTC)
Steve Veres, representing Metro

MSRC-TAC MEMBERS PRESENT:

MSRC-TAC Vice Chair Jenny Chan, representing RCTC
Steven Lee, representing Metro
Rongsheng Luo, representing SCAG
MSRC-TAC Chair AJ Marquez, representing Orange County Board of Supervisors
Nicole Soto, representing Regional Rideshare Agency
Scott Strelecki (Alt.), representing SCAG
Derek Winters, representing CARB

OTHERS PRESENT:

Mark Abramowitz
Tricia Almiron, Governing Board Assistant
Erika Chavez
Lauren Dunlap
Lex Frazier
Frances Keeler
Terry Maines
Elliott Popel
Dustin Rice
Patty Senegal, WSPA
Jack Symington
Rick Teebay
Alex Wang

SOUTH COAST AQMD STAFF & CONTRACTORS

Leah Alfaro, MSRC Contracts Assistant
Maria Allen, Secretary
Naveen Berry, Assistant Deputy Executive Officer
Penny Shaw Cedillo, MSRC Administrative Liaison
Marjorie Eaton, Secretary
Lane Garcia, Program Supervisor
Ray Gorski, MSRC Technical Advisor-Contractor
Daphne Hsu, Senior Deputy District Counsel
John Kampa, Financial Analyst
Matt Mackenzie, MSRC Contracts Assistant
Cynthia Ravenstein, MSRC Contracts Administrator
Alejandra Vega, Senior Administrative Secretary
Donna Vernon, Secretary
Paul Wright, Information Technology Specialist

CALL TO ORDER

- Call to Order

MSRC Chair Larry McCallon called the meeting to order at 2:00 p.m.

Roll call was taken at the start of the meeting. The following members and alternates were present: BENOIT, CARTER, DUTREY, MCCALLON, SAHLI-WELLS, SHAW, YAMARONE.

- STATUS REPORT

Cynthia Ravenstein, MSRC Contracts Administrator, reported this Clean Transportation policy update focuses on regulatory developments. Regarding funding for the Heavy Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project (HVIP program), one of the sources of co-funding that a lot of the projects the MSRC has been looking to fund, CARB staff is recommending an allocation of \$25 million because there has not been any funding available since 2019. This comes with some potential changes to the program that could include reducing the voucher amounts by up to 20%, lowering the amount that any one fleet can get in vouchers from 200 vouchers a year to 20 per year, graduating all natural gas engines from the program, raising minimum gross vehicle weight ratings and modifying the distinctions on transit buses.

MSRC Chair Larry McCallon stated for the record that for Agenda Item #15, he does not have any financial interest, but is required to identify that he is a Regional Council Member for Southern California Association of Governments, which is involved in that item.

MSRC Member Ben Benoit stated for the record that for Agenda Item #2, he does not have any financial interest, but is required to identify that he is the Chairman for the Riverside County Transportation Commission, which is involved in that item and for Agenda Item #15, he does not have any financial interest, but is required to identify that he is a Regional Council Member for Southern California Association of Governments, which is involved in that item.

MSRC Member Meghan Sahli-Wells stated for the record that for Agenda Item #15, she does not have any financial interest, but is required to identify that she is a Regional Council Member for Southern California Association of Governments, which is involved in that item.

MSRC Member John Dutrey stated for the record that for Agenda Item #15, he does not have any financial interest, but is required to identify that he serves on the

Transportation Committee for Southern California Association of Governments, which is involved in that item.

MSRC Alternate Mark Yamarone stated for the record that for Agenda Item #11, he does not have any financial interest, but is required to identify that he is employed by Los Angeles County Metropolitan Transportation Authority, which is involved in that item.

MSRC Member Tim Shaw stated for the record that for Agenda Item #15, he does not have any financial interest, but is required to identify that he is a Regional Council Member for Southern California Association of Governments, which is involved in that item.

CONSENT CALENDAR (Items 1 through 8)

Informational Only – Receive and Approve Items

Agenda Item #1 – Minutes for the August 20 and September 17, 2020, MSRC Meetings

The minutes of the August 20 and September 17, 2020 MSRC meetings were included in the agenda package.

ON MOTION BY MSRC MEMBER BEN BENOIT, AND SECONDED BY MSRC MEMBER JOHN DUTREY, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #1 THROUGH #8, THE MSRC UNANIMOUSLY APPROVED THE AUGUST 20 AND SEPTEMBER 17, 2020 MSRC MEETING MINUTES.

AYES: BENOIT, CARTER, DUTREY, MCCALLON, SAHLI-WELLS, SHAW, YAMARONE.

NOES: NONE.

ACTION: Staff will include the August 20 and September 17, 2020 MSRC meeting minutes in the MSRC Committee Report for the December 4, 2020 South Coast AQMD Board meeting and will upload them to the MSRC's website.

Agenda Item #2 – Summary of Final Reports by MSRC Contractors

The MSRC received and approved two final report summaries this month, as follows:

- Riverside County Transportation Commission, Contract #MS16124, which provided \$253,239 for extended freeway service patrols; and
- City of San Bernardino, Contract #MS18117, which provided \$240,000 for the expansion of existing CNG infrastructure.

ON MOTION BY MSRC MEMBER BEN BENOIT, AND SECONDED BY MSRC MEMBER JOHN DUTREY, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #1 THROUGH #8, THE MSRC UNANIMOUSLY APPROVED THE FINAL REPORTS LISTED ABOVE.

AYES: BENOIT, CARTER, DUTREY, MCCALLON, SAHLI-WELLS, SHAW, YAMARONE.

NOES: NONE.

ACTION: MSRC staff will file the final reports and release any retention on the contracts.

Agenda Item #3 – Consider Adoption of 2021 Meeting Schedules

Annually the MSRC considers a proposed meeting schedule for the upcoming year. The schedule continues with meetings on the first and third Thursdays, respectively, for the MSRC-TAC and MSRC, with two 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 be dark in July, similar to the South Coast AQMD Board and its committees.

ON MOTION BY MSRC MEMBER BEN BENOIT, AND SECONDED BY MSRC MEMBER JOHN DUTREY, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #1 THROUGH #8, THE MSRC UNANIMOUSLY VOTED TO ADOPT THE 2021 MSRC AND MSRC-TAC MEETING SCHEDULES.

AYES: BENOIT, CARTER, DUTREY, MCCALLON, SAHLI-WELLS, SHAW, YAMARONE.

NOES: NONE.

ACTION: No further action is required.

Informational Only – Receive and File Items**Agenda Item #4 – MSRC Contracts Administrator's Report**

The MSRC AB 2766 Contracts Administrator's Report for September 24 through October 28, 2020, was included in the agenda package.

ON MOTION BY MSRC MEMBER BEN BENOIT, AND SECONDED BY MSRC MEMBER JOHN DUTREY, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #1 THROUGH #8, THE MSRC UNANIMOUSLY VOTED TO RECEIVE AND FILE THE CONTRACTS ADMINISTRATOR'S REPORT FOR SEPTEMBER 24 THROUGH OCTOBER 28, 2020.

AYES: BENOIT, CARTER, DUTREY, MCCALLON, SAHLI-WELLS, SHAW, YAMARONE.

NOES: NONE.

ACTION: Staff will include the MSRC Contracts Administrator's Report in the MSRC Committee Report for the December 4, 2020 South Coast AQMD Board meeting.

Agenda Item #5 – Financial Report on AB 2766 Discretionary Fund

A financial report on the AB 2766 Discretionary Fund for October 2020 was included in the agenda package.

ON MOTION BY MSRC MEMBER BEN BENOIT, AND SECONDED BY MSRC MEMBER JOHN DUTREY, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #1 THROUGH #8, THE MSRC UNANIMOUSLY VOTED TO RECEIVE AND FILE THE FINANCIAL REPORT FOR THE PERIOD ENDING OCTOBER 2020.

AYES: BENOIT, CARTER, DUTREY, MCCALLON, SAHLI-WELLS, SHAW, YAMARONE.

NOES: NONE.

ACTION: No further action is required.

For Approval – As Recommended**Agenda Item #6 – Consider Seven-Month No-Cost Term Extension for the County of Los Angeles, Internal Services Department, Contract #ML14030 (\$425,000 - Bicycle Racks, Outreach & Education)**

The County requests an approximately seven-month term extension to complete the installation of supplemental lighting due to a continuing freeze on non-essential services, supplies and equipment during the COVID-19 pandemic.

ON MOTION BY MSRC MEMBER BEN BENOIT, AND SECONDED BY MSRC MEMBER JOHN DUTREY, MSRC UNANIMOUSLY VOTED TO APPROVE A SEVEN-MONTH TERM EXTENSION FOR THE COUNTY OF LOS ANGELES, INTERNAL SERVICES DEPARTMENT, CONTRACT #ML14030.

AYES: BENOIT, CARTER, DUTREY, MCCALLON, SAHLI-WELLS, SHAW, YAMARONE.

NOES: NONE.

ACTION: MSRC Staff will amend the above contract accordingly.

Agenda Item #7 – Consider One-Year No-Cost Term Extension for the City of Yucaipa, Contract #ML16057 (\$380,000 – Implement “Complete Streets” Pedestrian Access Project on County Line Road)

The City requests a one-year term extension due to longer than anticipated time needed to coordinate design and review of the improvements with the neighboring agencies.

ON MOTION BY MSRC MEMBER BEN BENOIT, AND SECONDED BY MSRC MEMBER JOHN DUTREY, MSRC UNANIMOUSLY VOTED TO APPROVE A ONE-YEAR NO-COST TERM EXTENSION FOR THE CITY OF YUCAIPA, CONTRACT #ML16057.

AYES: BENOIT, CARTER, DUTREY, MCCALLON, SAHLI-WELLS, SHAW, YAMARONE.

NOES: NONE.

ACTION: MSRC Staff will amend the above contract accordingly.

Agenda Item #8 – Consider Substitution of Three (3) Level III Charging Stations for Two (2) Level II Charging Stations and Two-Year Term Extension for the City of Beaumont, Contract #ML18081 (\$31,870 – Install EV Charging Infrastructure)

The City posits that Level III chargers will better meet the needs of their community as well as the vehicles they are in the process of procuring. They request approval to substitute the installation of three Level III charging stations for the originally planned installation of two Level II charging stations. Additionally, the MSRC's FYs 2016-18 Local Government Partnership Program requires that Level III charging stations remain operational for five years. The City requests a two-year term extension to fulfill this requirement.

ON MOTION BY MSRC MEMBER BEN BENOIT, AND SECONDED BY MSRC MEMBER JOHN DUTREY, MSRC UNANIMOUSLY VOTED TO APPROVE THE SUBSTITUTION OF CHARGING STATIONS AND TWO-YEAR TERM EXTENSION FOR THE CITY OF BEAUMONT, CONTRACT #ML18081.

AYES: BENOIT, CARTER, DUTREY, MCCALLON, SAHLI-WELLS, SHAW, YAMARONE.

NOES: NONE.

ACTION: This item will be considered by the South Coast AQMD Board at its meeting on December 4, 2020.

ACTION CALENDAR (Item 9 through 15)

FYs 2012-14 WORK PROGRAM

Agenda Item #9 – Consider Reduced Scope and Value for the County of Los Angeles Department of Public Works, Contract #ML14027 (\$500,000 – Construct New CNG Stations in Canyon Country and La Puente)

Cynthia Ravenstein, MSRC Contracts Administrator, reported this request comes from the County of Los Angeles, Department of Public Works. The County was originally awarded \$500,000 under the MSRC's FYs 2012-14 Local Government Match Program to install a CNG station in Downey. The MSRC subsequently approved a change to split the money to the installation of stations in Canyon Country and La Puente. The County indicates that the area designated for the installation of time fill hoses at the Canyon Country location is highly congested. The limited space needs to accommodate parking, staging, and storage for trucks, equipment and material. The County requests to reduce the number of time fill hoses to be installed from six to four, with a corresponding \$8,000 reduction in the contract value. The County states that at some point in the future they

would install an additional four-time fill hoses, but this would first require removing an existing structure.

ON MOTION BY MSRC MEMBER MEGHAN SAHLI-WELLS, AND
SECONDED BY MSRC MEMBER BEN BENOIT, MSRC UNANIMOUSLY
VOTED TO APPROVE A REDUCED SCOPE AND VALUE FOR THE
COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS,
CONTRACT #ML14027.

AYES: BENOIT, CARTER, DUTREY, MCCALLON, SAHLI-WELLS, SHAW,
YAMARONE.

NOES: NONE.

ACTION: MSRC staff will amend the above contract accordingly.

FYs 2014-16 WORK PROGRAM

Agenda Item #10 – Consider Reduced Scope and Value and Two-Year Term Extension for the Los Angeles Department of Water and Power (LADWP), Contract #ML16022 (\$360,000 – Purchase 12 Heavy-Duty Natural Gas Vehicles)

Cynthia Ravenstein, MSRC Contracts Administrator, reported the MSRC had awarded LADWP \$360,000 to purchase 12 heavy-duty CNG vehicles. They have found that their needs have changed, and they do not need as many vehicles. They are requesting to reduce that number from 12 to 8. LADWP understands that would correspond to a contract value reduction of \$120,000. They also are requesting a two-year contract term extension. They had a longer than anticipated procurement process, modifications to a specification template, changes in the available technology, and the pandemic and civil unrest.

ON MOTION BY MSRC MEMBER MEGHAN SAHLI-WELLS, AND
SECONDED BY MSRC MEMBER TIM SHAW, MSRC UNANIMOUSLY
VOTED TO APPROVE A REDUCED SCOPE AND VALUE AND TWO-YEAR
TERM EXTENSION FOR THE LOS ANGELES DEPARTMENT OF WATER
AND POWER, CONTRACT #ML16022.

AYES: BENOIT, CARTER, DUTREY, MCCALLON, SAHLI-WELLS, SHAW,
YAMARONE.

NOES: NONE.

ACTION: MSRC staff will amend the above contract accordingly.

Agenda Item #11 – Consider Contract Replacement for Los Angeles County Metropolitan Transportation Authority (Metro), Contract #MS16090 (\$2,500,000 – Willowbrook/Rosa Parks Station Improvements)

Cynthia Ravenstein, MSRC Contracts Administrator, reported the MSRC originally awarded Metro \$2,500,000 under the MSRC's FYs 2014-16 Transportation Control Measure Partnership Program towards the expansion of the Willowbrook/Rosa Parks Transit Station. The MSRC approved a twelve-month extension. Processing of the modification was initiated immediately following the MSRC meeting, however, the contract was not sent to Metro for signature before it lapsed. Staff recommends that a new twelve-month contract be executed to complete the project. Nothing has been paid to date on the previous contract, so the new contract value would be \$2,500,000.

ON MOTION BY MSRC MEMBER BEN BENOIT, AND SECONDED BY MSRC MEMBER JOHN DUTREY, MSRC UNANIMOUSLY VOTED TO APPROVE A CONTRACT REPLACEMENT FOR LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY, CONTRACT #MS16090.

AYES: BENOIT, CARTER, DUTREY, MCCALLON, SAHLI-WELLS, SHAW, YAMARONE.

NOES: NONE.

ACTION: This item will be considered by the South Coast AQMD Board at its meeting on December 4, 2020.

FYs 2016-18 WORK PROGRAM

Agenda Item #12 – Consider Substitution of Level III Charging Station for Level II Charging Station and One-Year Term Extension for the City of South Gate, Contract #ML18146 (\$127,400 – Purchase Five Light-Duty ZEVs and Install EV Charging Infrastructure)

Cynthia Ravenstein, MSRC Contracts Administrator, reported this request comes from the City of South Gate that was awarded \$121,500 to procure five light-duty zero-emission vehicles and to install three Level II charging stations. All the vehicles have been placed into service. The City requests to substitute the installation of a Level III charging station for the originally planned installation of a Level II charging station at their corporate yard, with no additional funding from the MSRC. The City further requests a one-year term extension to complete the installations and submit the final report. The MSRC's FYs 2016-18 Local Government Partnership Program requires that Level III charging stations remain operational for five years. The one-year extension requested by the City would not suffice to fulfill this requirement. MSRC staff

recommends approval of a three-year term extension in order to fulfill the operational requirement.

ON MOTION BY MSRC MEMBER BEN BENOIT, AND SECONDED BY MSRC MEMBER MEGHAN SAHLI-WELLS, MSRC UNANIMOUSLY VOTED TO APPROVE A STATION SUBSTITUTION AND THREE-YEAR TERM EXTENSION FOR THE CITY OF SOUTH GATE, CONTRACT #ML18146.

AYES: BENOIT, CARTER, DUTREY, MCCALLON, SAHLI-WELLS, SHAW, YAMARONE.

NOES: NONE.

ACTION: This item will be considered by the South Coast AQMD Board at its meeting on December 4, 2020.

Agenda Item #13 – Consider Modified Scope for the City of Riverside, Contract #ML18063 (\$383,610 - Expand Existing CNG Stations)

Cynthia Ravenstein, MSRC Contracts Administrator, reported the MSRC awarded the City of Riverside \$383,610 to expand two existing publicly accessible CNG fueling stations. The City indicates that the installation of a dedicated fueling island for the Police Department would involve the relocation of unleaded gasoline fueling equipment. The expenses associated with this relocation would not be eligible for reimbursement by the MSRC, nor would they qualify as eligible co-funding for the project. The City proposes certain modifications to the project scope. At the Lincoln Avenue station, the City requests to substitute the installation of an additional dual-hose CNG dispenser for the installation of a separate fueling island for Police Department use. Additionally, at the Acorn Street station the City requests to substitute the installation of two additional CNG storage spheres for the installation of a dual-hose CNG dispenser. The City proposes to accomplish the revised scope at the same overall budget, although the split between the two sites would be modified slightly.

ON MOTION BY MSRC MEMBER BEN BENOIT, AND SECONDED BY MSRC MEMBER TIM SHAW, MSRC UNANIMOUSLY VOTED TO APPROVE MODIFIED SCOPE FOR THE CITY OF RIVERSIDE, CONTRACT #ML18063.

AYES: BENOIT, CARTER, DUTREY, MCCALLON, SAHLI-WELLS, SHAW, YAMARONE.

NOES: NONE.

ACTION: Staff will amend the above contract accordingly.

Agenda Item #14 – Consider \$2,000 Contract Value Increase and Four-Month Term Extension for Geographics, Contract #MS18003 (\$70,453 – Design, Host and Maintain MSRC Website)

Cynthia Ravenstein, MSRC Contracts Administrator, reported the current contract with Geographics, which covers maintenance of the site, will terminate on February 20, 2021. Geographics has expressed their willingness to continue maintenance for an additional four months at the current rate of \$373 per month, and to extend their 2018 rates for any website updates/modifications during this period. In order to ensure that the website remains operational until the successor contract is awarded and executed, MSRC staff recommends approval of a four-month term extension and a \$2,000 value contract increase with Geographics.

ON MOTION BY MSRC MEMBER MEGHAN SAHLI-WELLS, AND
SECONDED BY MSRC CHAIR LARRY MCCALLON, MSRC
UNANIMOUSLY VOTED TO APPROVE CONTRACT VALUE INCREASE
AND FOUR-MONTH TERM EXTENSION FOR GEOGRAPHICS,
CONTRACT #MS18003.

AYES: BENOIT, CARTER, DUTREY, MCCALLON, SAHLI-WELLS, SHAW,
YAMARONE.

NOES: NONE.

ACTION: This item will be considered by the South Coast AQMD Board at its meeting on December 4, 2020.

FYs 2018-21 WORK PROGRAM

Agenda Item #15 – Consider Proposed Program Guidelines for Southern California Association of Governments (SCAG) Last Mile Freight Program

MSRC Member Meghan Sahli-Wells reported SCAG staff has had a resolution approved by the Regional Council for the partnership with MSRC and received approval for the proposed Program Guidelines from both the SCAG Transportation Committee and the entire Regional Council earlier this month. Last mile freight continues to witness accelerated growth and demand as a result of COVID-19 impacts. SCAG would like to acknowledge and thank the Last Mile Subcommittee, MSRC-TAC and MSRC staff, especially Ray and Cynthia for their valuable feedback and continued collaboration throughout the process and we would also like to thank the MSRC for considering the proposed Program Guidelines today.

MSRC-TAC Alternate Scott Strelecki reported the SCAG is establishing a two-phased approach. Phase 1 is focused on a Call for Projects process looking at the purchase and commercial deployment of zero emission and/or near-zero emission heavy- and medium-

duty on-road trucks as well as the supporting equipment and infrastructure. Phase 2 will look at expanding upon those actual truck technologies and combining them, whether it be with public agencies where their space opportunities for consolidation and different operating characteristics, as well as looking at newer technology integration such as robotic elements, drones, and that sort of thing. At the August 20th MSRC meeting, a Statement of Work was provided for the program that included the following key tasks: (1) the development of the Program Guidelines and issuance of the Call for Projects; (2) screening and selection of the projects; (3) implementation; and (4) the evaluation and reporting of those projects. There is a really big ramp up that is occurring especially for electric- and hydrogen-based commercial vehicles.

We want to understand how the economy can continue to prosper as it has over the years. A lot of these new technologies are promoting the improvement of operating costs as a benefit. These types of commercial deployments could be used as a foundational opportunity for showcasing what could be accomplished across the nation. For investment targets, this is really trying to frame how we look at organizing the program as well as monitoring and collecting the appropriate information.

The Program Guidelines are organized into investment matching and funding, fleet and infrastructure components, and project expectations. Geographic funding minimum is something that has been discussed and was an appropriate approach for the South Coast Air Basin. Investment matching being a critical component of these type of programs. The \$3 million minimum set aside for small sized businesses came about because we feel that there will be a lot of interest especially from larger operating companies, it is important to ensure that there is an opportunity for smaller sized businesses to have an opportunity to compete for this program as well. We are looking for a one-to-one investment match minimum, in cash or equivalent such as in-kind co-funding, whether it could be provided by direct driver labor or other fleet operations. We are also looking at opportunities that leverage with other funding programs.

For the program eligibility, we have organized it into areas: the new technology heavy- and medium-duty vehicle eligible projects, the heavy- and medium-duty equipment eligible projects and supporting infrastructure. There is a lot of last mile delivery activity going on and there are a lot of different ways that it occurs throughout the region. Clearly there are direct relationships to e-commerce based industries such as package parcel delivery. This is occurring substantially more, especially under our current situation, to both residents and business areas. We are also looking at the business-to-business areas where last mile occurs. That relates to retail/wholesale trade, manufacturing construction and other transportation and logistics services. We are also focused on the other major freight facilities that also relate to last mile delivery. On the equipment side, there is definitely an interest and shift also towards trailer equipment that supports these industries that can also improve of air quality. At the same time, there is no vehicle deployment without related infrastructure needs to support the operations of those vehicles. We are also considering elements on the infrastructure side that would support

the need for a fuel charging depot on- or off-site. We are trying to be organized and transparent about what is available and within the Program Guidelines. We are also providing a clear indication to the applicants that they need to be clear and transparent in how these relate to one another and what is directly related to the application that they are seeking versus the matching components.

For selection criteria, the first is Project Summary. There are subparts of how this is organized. We want the applicants to show how they clearly advanced emission reductions for particulate and greenhouse gas emissions through their commercial deployment, as well as show how the project is innovative and what competitive advantages are illustrated over conventional operations. For Project Readiness and Implementation, we want to make sure that the applicants have a really achievable schedule in place. We recognize there can be challenges with procurement and other processes especially related to infrastructure with CEQA permitting. We are going to require these applicants to clearly illustrate that they will be able to achieve within a schedule that makes sense. For Funding Request and Cost Effectiveness, we are interested in better understanding the operational aspect. We expect the project to result in a lower cost of operation and maintenance. At a minimum, it should be competitive with what traditional last mile operation maintenance costs are in the current environment. That is obviously not inclusive of capital. We are looking at a benefit cost score defined by the ratio of NOx and PM2.5 equivalent reductions per dollar of the investment.

The anticipated schedule based on where we are today is, we are looking to move forward in the month of December with the opportunity to push a call out for the program. We anticipate having application workshops to make sure that we have good dialogue with all the applicants, so they are clear on what they need to do and the process. We want to give them the opportunity for questions, as well as post all the responses once questions are received. We are trying to look for a little over a two-month timeframe before the Call for Projects submittal deadline to ensure that we have a really good list of applications to review and make a selection. The next process will involve a review through the Last Mile Subcommittee and result in them recommending a project list, which will then be brought before the MSRC-TAC and then to back to the Board for approval consideration. We are estimating that would potentially occur in April. In preparation for this ramp up, SCAG has further expanded its resources through budget adjustments and allocation of staff within multiple departments, and we have already been developing workshop materials such as factsheets, presentation, formats, and application materials to go hand-in-hand with the proposed Program Guidelines and Call for Projects as well as working on outreach strategies.

MSRC Chair Larry McCallon asked, are the contracts going to be through SCAG or through South Coast AQMD? Ms. Ravenstein replied, the contracts with the individual project proponents will be through SCAG. We are going to be approving the basic MOU

that SCAG is going to put together. SCAG is going to execute MOUs with the project proponents.

MSRC Member John Dutrey asked, is there a matching fund percentage? Mr. McCallon replied it was 1 to 1.

ON MOTION BY MSRC MEMBER MEGHAN SAHLI-WELLS, AND
SECONDED BY MSRC MEMBER BEN BENOIT, MSRC UNANIMOUSLY
VOTED TO APPROVE THE PROGRAM GUIDELINES FOR SOUTHERN
CALIFORNIA ASSOCIATION OF GOVERNMENTS LAST MILE FREIGHT
PROGRAM.

AYES: BENOIT, CARTER, DUTREY, MCCALLON, SAHLI-WELLS, SHAW,
YAMARONE.

NOES: NONE.

ACTION: No further action is required.

Agenda Item #16 – Other Business

MSRC Michael Carter announced his retirement after 36 plus years at CARB at the end of the month. Sydney Vergis has replaced Jack Kitowski as the division chief of the Mobile Source Control Division. My replacement has not yet been determined yet.

MSRC Member Meghan Sahli-Wells announced her retirement and stated it was a pleasure serving with you all. In terms of our last agenda when we talked about potential Brown Act changes, in Legislative and Membership Committee of SCAG, there is a recommendation going forward to make Brown Act changes part of our legislative program. That is most likely going to pass at next month's meeting, and it seemed like the entire committee was positive about that. The other piece is they may ask that the roll call votes be changed.

MSRC Alternate Jed Leano commented, he wanted to thank Meghan Sahli-Wells for her leadership and looks forward to filling the tremendously large shoes that she has left behind us.

PUBLIC COMMENT PERIOD

Public comments were allowed during the discussion of each agenda item. No comments were made on non-agenda items.

ADJOURNMENT

There being no further business, the MSRC meeting adjourned at 2:48 p.m.

NEXT MEETING

Thursday, December 17, 2020, at 2:00 p.m.

[Prepared by Penny Shaw Cedillo]

DRAFT

AGENDA ITEM #2

MSRC Contracts Administrator's Report

MSRC Agenda Item No. 2

DATE: March 18, 2021

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 January 28 to March 3, 2021.

RECOMMENDATION: Receive and file report

WORK PROGRAM IMPACT: None

Contract Execution Status

2016-18 Work Program

On July 8, 2016, the SCAQMD Governing Board approved an award under the Event Center Transportation Program. This contract is executed.

On October 7, 2016, the SCAQMD Governing Board approved three awards under the Event Center Transportation Program and one award for a Regional Active Transportation Partnership Program. These contracts are executed.

On January 6, 2017, the SCAQMD Governing Board approved an award for development, hosting and maintenance of a new MSRC website. This contract is executed.

On April 7, 2017, the SCAQMD Governing Board approved an award under the Event Center Transportation Program. This contract is executed.

On June 2, 2017, the SCAQMD Governing Board approved an award under the Event Center Transportation Program. This contract is executed.

On July 7, 2017, the SCAQMD Governing Board approved an award under the Event Center Transportation Program. This contract is executed.

On September 1, 2017, the SCAQMD Governing Board approved one award under the Event Center Transportation Program and one award under the Natural Gas Infrastructure Program. These contracts are executed.

On October 6, 2017, the SCAQMD Governing Board approved two awards under the Event Center Transportation Program and one award under the Natural Gas Infrastructure Program. These contracts are executed.

On December 1, 2017, the SCAQMD Governing Board approved sole source awards for a Hydrogen Infrastructure Partnership Program, for a Southern California Future Communities Partnership Program, and for electric vehicle charging infrastructure planning analysis. These contracts are executed. The MSRC has replaced the award to the California Energy Commission with a Program Opportunity Notice for the Hydrogen Infrastructure Partnership Program.

On February 2, 2018, the SCAQMD Governing Board approved one award under the Event Center Transportation Program, two awards under the Natural Gas Infrastructure Program, four awards under the Local Government Partnership Program, and two awards under the County Transportation Commission Partnership Program. These contracts are executed.

On March 2, 2018, the SCAQMD Governing Board approved one award under the Major Event Center Transportation Program, two awards under the Natural Gas Infrastructure Program, and one award under the Local Government Partnership Program. These contracts are executed.

On April 6, 2018, the SCAQMD Governing Board approved one award under the Natural Gas Infrastructure Program and eight awards under the Local Government Partnership Program. These contracts are executed.

On May 4, 2018, the SCAQMD Governing Board approved twenty-seven awards under the Local Government Partnership Program and one award under the County Transportation Commission Partnership Program. These contracts are executed.

On June 1, 2018, the SCAQMD Governing Board approved six awards under the Local Government Partnership Program, one award under the Natural Gas Infrastructure Program, and one award under the County Transportation Commission Partnership Program. These contracts are executed.

On July 6, 2018, the SCAQMD Governing Board approved nine awards under the Local Government Partnership Program. These contracts are executed.

On September 7, 2018, the SCAQMD Governing Board approved nineteen awards under the Local Government Partnership Program, three awards under the County Transportation Commission Partnership Program, one award under the Major Event Center Transportation Program, and twenty awards under the Natural Gas Infrastructure Program. These contracts are executed.

On October 5, 2018, the SCAQMD Governing Board approved forty-eight awards under the Local Government Partnership Program and one award under the Hydrogen Infrastructure Program. These contracts are with the prospective contractor for signature or executed.

On November 2, 2018, the SCAQMD Governing Board approved two awards under the Local Government Partnership Program. These contracts are executed.

2018-21 Work Program

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

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

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

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

Work Program Status

Contract Status Reports for work program years with open and/or pending contracts are attached.

FY 2010-11 Work Program Contracts

One contract from this work program year is open; and 6 are in "Open/Complete" status. One contract closed during this period: City of Newport Beach, Contract #ML11045 – Purchase One Heavy-Duty Natural Gas Vehicle.

FY 2010-11 Invoices Paid

No invoices were paid during this period.

FY 2011-12 Work Program Contracts

5 contracts from this work program year are open, and 13 are in "Open/Complete" status. One contract passed into "Open/Complete" status during this period: City of Hemet, Contract #ML12043 – Purchase One Heavy-Duty Natural Gas Vehicle.

FY 2011-12 Invoices Paid

One invoice in the amount of \$30,000.00 was paid during this period.

FYs 2012-14 Work Program Contracts

15 contracts from this work program year are open, and 27 are in "Open/Complete" status.

FYs 2012-14 Invoices Paid

One invoice in the amount of \$409,594.08 was paid during this period.

FYs 2014-16 Work Program Contracts

36 contracts from this work program year are open, and 30 are in "Open/Complete" status. Two contracts closed during this period: San Bernardino County Transportation Authority, Contract #MS16125 – Traffic Signal Synchronization Projects; and Los Angeles County MTA, Contract #MS16090 – Expansion of the Willowbrook/Rosa Parks Transit Station (MSRC-approved replacement contract under development).

FYs 2014-16 Invoices Paid

3 invoices totaling \$556,559.04 were paid during this period.

FYs 2016-18 Work Program Contracts

105 contracts from this work program year are open, and 36 are in “Open/Complete” status. Two contracts moved into “Open/Complete” status during this period: City of Coachella, Contract #ML18176 – Install EV Charging Infrastructure; and City of Beaumont, Contract #ML18081 – Install EV Charging Infrastructure. Two contracts closed during this period: Banning Unified School District, Contract #MS18112 – Install New CNG Infrastructure; Los Angeles County MTA, Contract #MS18025 – Special Bus and Train Service to Dodger Stadium. Due to lack of response, negotiations were terminated with the City of Sierra Madre for a Local Government Partnership Program award of \$50,000 to implement a bike share program. These funds were reverted to the AB 2766 Discretionary Fund.

8 invoices totaling \$2,422,416.00 were paid during this period.

FYs 2018-21 Work Program Contracts

3 contracts from this work program year are open. One contract closed during this period: Los Angeles County MTA, Contract #MS21001 – Implement Special Transit Service to Dodger Stadium.

Two invoices totaling \$6,018.65 were paid during this period.

Administrative Scope Changes

3 administrative scope changes were initiated during the period from January 28 to March 3, 2021:

- County of Los Angeles, Contract #ML14097 (Install EV Charging Stations) – Reduce minimum number of installation locations from seven to two, but retain minimum number of charging ports to be installed
- Orange County Transportation Authority, Contract #MS18104 (College Transit Pass Program) – One-year no-cost term extension
- City of West Hollywood, Contract #ML18041 (Install EV Charging Stations) – Six-month no-cost term extension

Attachments

- FY 2007-08 through FYs 2018-21 (except FY 2009-10) Contract Status Reports



AB2766 Discretionary Fund Program Invoices

January 28 to March 3, 2021

Contract Admin.	MSRC Chair	MSRC Liaison	Finance	Contract #	Contractor	Invoice #	Amount
2011-2012 Work Program							
1/28/2021	2/2/2021	2/9/2021	2/9/2021	ML12043	City of Hemet	FINAL	\$30,000.00
Total: \$30,000.00							
2012-2014 Work Program							
2/12/2021	2/18/2021			MS14059	Riverside County Transportation Commission	2507	\$409,594.08
Total: \$409,594.08							
2014-2016 Work Program							
3/3/2021	3/9/2021	3/10/2021		MS16086	San Bernardino County Transportation Authority	9	\$43,559.04
2/25/2021				MS16121	Long Beach Transit	69859	\$14,250.00
2/17/2021	2/18/2021	2/24/2021	2/26/2021	ML16053	City of Claremont	FINAL	\$498,750.00
Total: \$556,559.04							
2016-2018 Work Program							
3/3/2021	3/9/2021	3/10/2021		ML18169	City of Alhambra	1-Final	\$111,980.00
3/3/2021	3/9/2021	3/10/2021		MS18003	Geographics	21-22347	\$373.00
3/2/2021	3/9/2021	3/10/2021		ML18130	City of Lake Forest	1116	\$106,480.00
3/2/2021	3/9/2021	3/10/2021		MS18073	Los Angeles County MTA	89573	\$2,000,000.00
2/11/2021	2/16/2021	2/18/2021	2/26/2021	ML18162	City of Costa Mesa	FY83068/FIN	\$148,210.00
2/11/2021	2/16/2021	2/18/2021	2/26/2021	ML18154	City of Hemet	FINAL	\$30,000.00
2/3/2021	2/16/2021	2/18/2021	2/26/2021	ML18095	City of Gardena	1-FINAL	\$25,000.00
2/3/2021	2/18/2021	2/24/2021		MS18003	Geographics	21-22316	\$373.00
Total: \$2,422,416.00							
2018-2021 Work Program							
2/16/2021	2/18/2021	2/23/2021		MS21002	Better World Group Advisors	WG-MSRC1	\$3,199.35
1/28/2021	2/2/2021	2/9/2021	2/9/2021	MS21002	Better World Group Advisors	WG-MSRC1	\$2,819.30
Total: \$6,018.65							

Total This Period: \$3,424,587.77



FYs 2007-08 Through 2018-21 AB2766 Contract Status Report

3/12/2021

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
FY 2007-2008 Contracts									
Declined/Cancelled Contracts									
ML08032	City of Irvine	5/1/2009	8/31/2010		\$9,000.00	\$0.00	36 Vehicles (Diagnostic)	\$9,000.00	No
ML08041	City of Los Angeles, Dept of Transpo	8/6/2010	7/5/2011	12/5/2011	\$8,800.00	\$0.00	73 Vehicles (Diagnostic)	\$8,800.00	No
ML08049	City of Cerritos	3/20/2009	1/19/2015	2/19/2017	\$25,000.00	\$0.00	1 CNG Heavy-Duty Vehicle	\$25,000.00	No
ML08051	City of Colton				\$75,000.00	\$0.00	3 CNG Heavy-Duty Vehicles	\$75,000.00	No
ML08080	City of Irvine	5/1/2009	5/31/2015		\$50,000.00	\$0.00	Two Heavy-Duty Nat. Gas Vehicles	\$50,000.00	No
MS08002	Orange County Transportation Autho				\$1,500,000.00	\$0.00	Big Rig Freeway Service Patrol	\$1,500,000.00	No
MS08008	Diversified Truck Rental & Leasing				\$300,000.00	\$0.00	10 H.D. Nat. Gas Vehicles	\$300,000.00	No
MS08010	Orange County Transportation Autho				\$10,000.00	\$0.00	20 H.D. Nat. Gas Vehicles	\$10,000.00	No
MS08011	Green Fleet Systems, LLC				\$10,000.00	\$0.00	30 H.D. Nat. Gas Vehicles	\$10,000.00	No
MS08052	Burrtec Waste Industries, Inc.	12/24/2008	11/23/2014	11/23/2015	\$100,000.00	\$0.00	New CNG Station - Fontana	\$100,000.00	No
MS08054	Clean Energy Fuels Corp.				\$400,000.00	\$0.00	New LNG Station - Fontana	\$400,000.00	No
MS08055	Clean Energy Fuels Corp.	11/26/2009	3/25/2016	3/25/2017	\$400,000.00	\$0.00	New LNG Station - Long Beach-Pier S	\$400,000.00	No
MS08059	Burrtec Waste Industries, Inc.	12/24/2008	11/23/2014		\$100,000.00	\$0.00	New CNG Station - San Bernardino	\$100,000.00	No
MS08060	Burrtec Waste Industries, Inc.	12/24/2008	11/23/2014		\$100,000.00	\$0.00	New CNG Station - Azusa	\$100,000.00	No
MS08062	Go Natural Gas	9/25/2009	1/24/2016	1/24/2017	\$400,000.00	\$0.00	New CNG Station - Rialto	\$400,000.00	No
MS08074	Fontana Unified School District	11/14/2008	12/13/2014		\$200,000.00	\$0.00	Expansion of Existing CNG station	\$200,000.00	No
MS08077	Hythane Company, LLC				\$144,000.00	\$0.00	Upgrade Station to Hythane	\$144,000.00	No
Total: 17									
Closed Contracts									
ML08023	City of Villa Park	11/7/2008	10/6/2012		\$6,500.00	\$5,102.50	Upgrade of Existing Refueling Facility	\$1,397.50	Yes
ML08024	City of Anaheim	7/9/2010	7/8/2017	1/8/2018	\$425,000.00	\$425,000.00	9 LPG Buses and 8 CNG Buses	\$0.00	Yes
ML08026	Los Angeles County Department of P	7/20/2009	7/19/2016		\$250,000.00	\$250,000.00	10 LPG Heavy-Duty Vehicles	\$0.00	Yes
ML08027	Los Angeles County Department of P	7/20/2009	1/19/2011	1/19/2012	\$6,901.00	\$5,124.00	34 Vehicles (Diagnostic)	\$1,777.00	Yes
ML08028	City of Santa Monica	9/11/2009	9/10/2016	5/10/2019	\$600,000.00	\$200,000.00	24 CNG Heavy-Duty Vehicles	\$400,000.00	Yes
ML08029	City of Gardena	3/19/2009	1/18/2015		\$25,000.00	\$25,000.00	1 Propane Heavy-Duty Vehicle	\$0.00	Yes
ML08030	City of Azusa	5/14/2010	3/13/2016		\$25,000.00	\$25,000.00	1 CNG Heavy-Duty Vehicle	\$0.00	Yes
ML08031	City of Claremont	3/27/2009	3/26/2013	3/26/2015	\$97,500.00	\$97,500.00	Upgrade of Existing CNG Station, Purchase	\$0.00	Yes
ML08033	County of San Bernardino Public Wo	4/3/2009	2/2/2010		\$14,875.00	\$14,875.00	70 Vehicles (Diagnostic)	\$0.00	Yes
ML08034	County of San Bernardino Public Wo	3/27/2009	7/26/2015		\$150,000.00	\$150,000.00	8 CNG Heavy-Duty Vehicles	\$0.00	Yes
ML08035	City of La Verne	3/6/2009	11/5/2009		\$11,925.00	\$11,925.00	53 Vehicles (Diagnostic)	\$0.00	Yes
ML08036	City of South Pasadena	5/12/2009	7/11/2013		\$169,421.00	\$169,421.00	New CNG Station	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML08037	City of Glendale	5/20/2009	5/19/2015		\$325,000.00	\$325,000.00	13 CNG Heavy-Duty Vehicles	\$0.00	Yes
ML08038	Los Angeles Department of Water an	7/16/2010	7/15/2017		\$1,050,000.00	\$1,050,000.00	42 CNG Heavy-Duty Vehicles	\$0.00	Yes
ML08039	City of Rancho Palos Verdes	6/5/2009	8/4/2015		\$50,000.00	\$50,000.00	2 LPG Transit Buses	\$0.00	Yes
ML08040	City of Riverside	9/11/2009	9/10/2016	3/10/2019	\$455,500.00	\$455,500.00	16 CNG Vehicles, Expand CNG Station & M	\$0.00	Yes
ML08042	City of Ontario, Housing & Municipal	5/1/2009	1/31/2016		\$175,000.00	\$175,000.00	7 CNG Heavy-Duty Vehicles	\$0.00	Yes
ML08044	City of Chino	3/19/2009	3/18/2015		\$25,000.00	\$25,000.00	1 CNG Heavy-Duty Vehicle	\$0.00	Yes
ML08045	City of Santa Clarita	2/20/2009	6/19/2010		\$3,213.00	\$3,150.00	14 Vehicles (Diagnostic)	\$63.00	Yes
ML08046	City of Paramount	2/20/2009	2/19/2015		\$25,000.00	\$25,000.00	1 CNG Heavy-Duty Vehicle	\$0.00	Yes
ML08047	City of Culver City Transportation De	5/12/2009	8/11/2015		\$150,000.00	\$150,000.00	6 CNG Heavy-Duty Vehicles	\$0.00	Yes
ML08048	City of Santa Clarita	2/20/2009	6/19/2015		\$25,000.00	\$25,000.00	1 CNG Heavy-Duty Vehicle	\$0.00	Yes
ML08050	City of Laguna Beach Public Works	8/12/2009	4/11/2016	10/11/2016	\$75,000.00	\$75,000.00	3 LPG Trolleys	\$0.00	Yes
MS08001	Los Angeles County MTA	12/10/2010	6/9/2014		\$1,500,000.00	\$1,499,999.66	Big Rig Freeway Service Patrol	\$0.34	Yes
MS08003	A-Z Bus Sales, Inc.	5/2/2008	12/31/2008	2/28/2009	\$1,480,000.00	\$1,400,000.00	Alternative Fuel School Bus Incentive Progra	\$80,000.00	Yes
MS08004	BusWest	5/2/2008	12/31/2008		\$1,440,000.00	\$1,440,000.00	Alternative Fuel School Bus Incentive Progra	\$0.00	Yes
MS08005	Burrtec Waste Industries, Inc.	10/23/2008	11/22/2014	10/22/2015	\$450,000.00	\$450,000.00	15 H.D. Nat. Gas Vehicles - Azusa	\$0.00	Yes
MS08006	Burrtec Waste Industries, Inc.	10/23/2008	11/22/2014	10/22/2015	\$450,000.00	\$450,000.00	15 H.D. Nat. Gas Vehicles - Saugus	\$0.00	Yes
MS08007	United Parcel Service West Region	12/10/2008	10/9/2014	4/9/2019	\$300,000.00	\$270,000.00	10 H.D. Nat. Gas Vehicles	\$30,000.00	Yes
MS08009	Los Angeles World Airports	12/24/2008	12/23/2014		\$870,000.00	\$870,000.00	29 H.D. Nat. Gas Vehicles	\$0.00	Yes
MS08012	California Cartage Company, LLC	12/21/2009	10/20/2015	4/20/2016	\$480,000.00	\$480,000.00	12 H.D. Nat. Gas Yard Tractors	\$0.00	Yes
MS08013	United Parcel Service West Region	12/10/2008	10/9/2014	3/9/2019	\$480,000.00	\$432,000.00	12 H.D. Nat. Gas Yard Tractors	\$48,000.00	Yes
MS08014	City of San Bernardino	12/5/2008	6/4/2015		\$390,000.00	\$360,000.00	13 H.D. Nat. Gas Vehicles	\$30,000.00	Yes
MS08015	Yosemite Waters	5/12/2009	5/11/2015		\$180,000.00	\$117,813.60	11 H.D. Propane Vehicles	\$62,186.40	Yes
MS08016	TransVironmental Solutions, Inc.	1/23/2009	12/31/2010	9/30/2011	\$227,198.00	\$80,351.34	Rideshare 2 School Program	\$146,846.66	Yes
MS08017	Omnitrans	12/13/2008	12/12/2015	12/12/2016	\$900,000.00	\$900,000.00	30 CNG Buses	\$0.00	Yes
MS08018	Los Angeles County Department of P	8/7/2009	10/6/2016	4/6/2018	\$60,000.00	\$60,000.00	2 CNG Vehicles	\$0.00	Yes
MS08019	Enterprise Rent-A-Car Company of L	2/12/2010	7/11/2016		\$300,000.00	\$300,000.00	10 CNG Vehicles	\$0.00	Yes
MS08020	Ware Disposal Company, Inc.	11/25/2008	2/24/2016		\$900,000.00	\$900,000.00	30 CNG Vehicles	\$0.00	Yes
MS08021	CalMet Services, Inc.	1/9/2009	1/8/2016	7/8/2016	\$900,000.00	\$900,000.00	30 CNG Vehicles	\$0.00	Yes
MS08022	SunLine Transit Agency	12/18/2008	3/17/2015		\$311,625.00	\$311,625.00	15 CNG Buses	\$0.00	Yes
MS08053	City of Los Angeles, Bureau of Sanit	2/18/2009	12/17/2015		\$400,000.00	\$400,000.00	New LNG/CNG Station	\$0.00	Yes
MS08056	Clean Energy Fuels Corp.	11/26/2009	2/25/2015		\$400,000.00	\$400,000.00	New LNG Station - POLB-Anah. & I	\$0.00	Yes
MS08057	Orange County Transportation Autho	5/14/2009	7/13/2015		\$400,000.00	\$400,000.00	New CNG Station - Garden Grove	\$0.00	Yes
MS08058	Clean Energy Fuels Corp.	11/26/2009	3/25/2016	3/25/2017	\$400,000.00	\$400,000.00	New CNG Station - Ontario Airport	\$0.00	Yes
MS08061	Clean Energy Fuels Corp.	12/4/2009	3/3/2015		\$400,000.00	\$400,000.00	New CNG Station - L.A.-La Cienega	\$0.00	Yes
MS08063	Go Natural Gas	9/25/2009	1/24/2016	1/24/2017	\$400,000.00	\$400,000.00	New CNG Station - Moreno Valley	\$0.00	Yes
MS08064	Hemet Unified School District	1/9/2009	3/8/2015		\$75,000.00	\$75,000.00	Expansion of Existing Infrastructure	\$0.00	Yes
MS08065	Pupil Transportation Cooperative	11/20/2008	7/19/2014		\$10,500.00	\$10,500.00	Existing CNG Station Modifications	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS08066	Clean Energy Fuels Corp.	11/26/2009	2/25/2015		\$400,000.00	\$400,000.00	New CNG Station - Palm Spring Airport	\$0.00	Yes
MS08067	Trillium CNG	3/19/2009	6/18/2015	6/18/2016	\$311,600.00	\$254,330.00	New CNG Station	\$57,270.00	Yes
MS08069	Perris Union High School District	6/5/2009	8/4/2015	8/4/2016	\$225,000.00	\$225,000.00	New CNG Station	\$0.00	Yes
MS08070	Clean Energy Fuels Corp.	11/26/2009	2/25/2015		\$400,000.00	\$400,000.00	New CNG Station - Paramount	\$0.00	Yes
MS08071	ABC Unified School District	1/16/2009	1/15/2015		\$63,000.00	\$63,000.00	New CNG Station	\$0.00	Yes
MS08072	Clean Energy Fuels Corp.	12/4/2009	3/3/2015		\$400,000.00	\$354,243.38	New CNG Station - Burbank	\$45,756.62	Yes
MS08073	Clean Energy Fuels Corp.	11/26/2009	2/25/2015		\$400,000.00	\$400,000.00	New CNG Station - Norwalk	\$0.00	Yes
MS08075	Disneyland Resort	12/10/2008	2/1/2015		\$200,000.00	\$200,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS08076	Azusa Unified School District	10/17/2008	11/16/2014	1/31/2017	\$172,500.00	\$172,500.00	New CNG station and maint. Fac. Modificati	\$0.00	Yes
MS08078	SunLine Transit Agency	12/10/2008	6/9/2015	2/9/2016	\$189,000.00	\$189,000.00	CNG Station Upgrade	\$0.00	Yes

Total: 59

Closed/Incomplete Contracts

ML08025	Los Angeles County Department of P	10/30/2009	3/29/2011		\$75,000.00	\$0.00	150 Vehicles (Diagnostic)	\$75,000.00	No
MS08068	Regents of the University of Californi	11/5/2010	11/4/2017	11/4/2019	\$400,000.00	\$0.00	Hydrogen Station	\$400,000.00	No
MS08079	ABC Unified School District	1/16/2009	12/15/2009	12/15/2010	\$50,000.00	\$0.00	Maintenance Facility Modifications	\$50,000.00	No

Total: 3

Open/Complete Contracts

ML08043	City of Desert Hot Springs	9/25/2009	3/24/2016	3/24/2021	\$25,000.00	\$25,000.00	1 CNG Heavy-Duty Vehicle	\$0.00	Yes
---------	----------------------------	-----------	-----------	-----------	-------------	-------------	--------------------------	--------	-----

Total: 1

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
FY 2008-2009 Contracts									
Declined/Cancelled Contracts									
ML09017	County of San Bernardino Public Wo	1/28/2010	7/27/2016		\$200,000.00	\$0.00	8 Nat. Gas Heavy-Duty Vehicles	\$200,000.00	No
ML09018	Los Angeles Department of Water an	7/16/2010	9/15/2012		\$850,000.00	\$0.00	Retrofit 85 Off-Road Vehicles w/DECS	\$850,000.00	No
ML09019	City of San Juan Capistrano Public	12/4/2009	11/3/2010		\$10,125.00	\$0.00	Remote Vehicle Diagnostics/45 Vehicles	\$10,125.00	No
ML09022	Los Angeles County Department of P				\$8,250.00	\$0.00	Remote Vehicle Diagnostics/15 Vehicles	\$8,250.00	No
ML09025	Los Angeles County Department of P	10/15/2010	12/14/2012	6/14/2013	\$50,000.00	\$0.00	Remote Vehicle Diagnostics/85 Vehicles	\$50,000.00	No
ML09028	Riverside County Waste Manageme				\$140,000.00	\$0.00	Retrofit 7 Off-Road Vehicles w/DECS	\$140,000.00	No
ML09039	City of Inglewood				\$310,000.00	\$0.00	Purchase 12 H.D. CNG Vehicles and Remot	\$310,000.00	No
ML09040	City of Cathedral City				\$83,125.00	\$0.00	Purchase 3 H.D. CNG Vehicles and Remote	\$83,125.00	No
ML09044	City of San Dimas				\$425,000.00	\$0.00	Install CNG Station and Purchase 1 CNG S	\$425,000.00	No
ML09045	City of Orange				\$125,000.00	\$0.00	Purchase 5 CNG Sweepers	\$125,000.00	No
Total: 10									
Closed Contracts									
ML09007	City of Rancho Cucamonga	2/26/2010	4/25/2012		\$117,500.00	\$62,452.57	Maintenance Facility Modification	\$55,047.43	Yes
ML09008	City of Culver City Transportation De	1/19/2010	7/18/2016	7/18/2017	\$175,000.00	\$175,000.00	8 Nat. Gas Heavy-Duty Vehicles	\$0.00	Yes
ML09009	City of South Pasadena	11/5/2010	12/4/2016	3/4/2019	\$125,930.00	\$125,930.00	CNG Station Expansion	\$0.00	Yes
ML09010	City of Palm Springs	1/8/2010	2/7/2016		\$25,000.00	\$25,000.00	1 Nat. Gas Heavy-Duty Vehicle	\$0.00	Yes
ML09011	City of San Bernardino	2/19/2010	5/18/2016		\$250,000.00	\$250,000.00	10 Nat. Gas Heavy-Duty Vehicles	\$0.00	Yes
ML09012	City of Gardena	3/12/2010	11/11/2015		\$25,000.00	\$25,000.00	1 Nat. Gas Heavy-Duty Vehicle	\$0.00	Yes
ML09013	City of Riverside Public Works	9/10/2010	12/9/2011	7/31/2013	\$144,470.00	\$128,116.75	Traffic Signal Synchr./Moreno Valley	\$16,353.25	Yes
ML09014	City of Riverside Public Works	9/10/2010	12/9/2011	7/31/2013	\$113,030.00	\$108,495.94	Traffic Signal Synchr./Corona	\$4,534.06	Yes
ML09015	City of Riverside Public Works	9/10/2010	12/9/2011	7/31/2013	\$80,060.00	\$79,778.52	Traffic Signal Synchr./Co. of Riverside	\$281.48	Yes
ML09016	County of San Bernardino Public Wo	1/28/2010	3/27/2014		\$50,000.00	\$50,000.00	Install New CNG Station	\$0.00	Yes
ML09020	County of San Bernardino	8/16/2010	2/15/2012		\$49,770.00	\$49,770.00	Remote Vehicle Diagnostics/252 Vehicles	\$0.00	Yes
ML09021	City of Palm Desert	7/9/2010	3/8/2012		\$39,450.00	\$38,248.87	Traffic Signal Synchr./Rancho Mirage	\$1,201.13	Yes
ML09023	Los Angeles County Department of P	12/10/2010	12/9/2017		\$50,000.00	\$50,000.00	2 Heavy-Duty Alternative Fuel Transit Vehicl	\$0.00	Yes
ML09026	Los Angeles County Department of P	10/15/2010	10/14/2017	4/14/2019	\$150,000.00	\$80,411.18	3 Off-Road Vehicles Repowers	\$69,588.82	Yes
ML09027	Los Angeles County Department of P	7/23/2010	3/22/2012	6/22/2012	\$150,000.00	\$150,000.00	Freeway Detector Map Interface	\$0.00	Yes
ML09029	City of Whittier	11/6/2009	4/5/2016		\$25,000.00	\$25,000.00	1 Nat. Gas Heavy-Duty Vehicle	\$0.00	Yes
ML09030	City of Los Angeles GSD/Fleet Servi	6/18/2010	6/17/2011		\$22,310.00	\$22,310.00	Remote Vehicle Diagnostics/107 Vehicles	\$0.00	Yes
ML09031	City of Los Angeles Dept of General	10/29/2010	10/28/2017		\$825,000.00	\$825,000.00	33 Nat. Gas Heavy-Duty Vehicles	\$0.00	Yes
ML09032	Los Angeles World Airports	4/8/2011	4/7/2018		\$175,000.00	\$175,000.00	7 Nat. Gas Heavy-Duty Vehicles	\$0.00	Yes
ML09033	City of Beverly Hills	3/4/2011	5/3/2017	1/3/2019	\$550,000.00	\$550,000.00	10 Nat. Gas Heavy-Duty Vehicles & CNG St	\$0.00	Yes
ML09034	City of La Palma	11/25/2009	6/24/2015		\$25,000.00	\$25,000.00	1 LPG Heavy-Duty Vehicle	\$0.00	Yes
ML09035	City of Fullerton	6/17/2010	6/16/2017	6/16/2018	\$450,000.00	\$450,000.00	2 Heavy-Duty CNG Vehicles & Install CNG	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML09037	City of Redondo Beach	6/18/2010	6/17/2016		\$50,000.00	\$50,000.00	Purchase Two CNG Sweepers	\$0.00	Yes
ML09038	City of Chino	9/27/2010	5/26/2017		\$250,000.00	\$250,000.00	Upgrade Existing CNG Station	\$0.00	Yes
ML09041	City of Los Angeles, Bureau of Sanit	10/1/2010	9/30/2017		\$875,000.00	\$875,000.00	Purchase 35 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML09042	Los Angeles Department of Water an	12/10/2010	12/9/2017		\$1,400,000.00	\$1,400,000.00	Purchase 56 Dump Trucks	\$0.00	Yes
ML09043	City of Covina	10/8/2010	4/7/2017	10/7/2018	\$179,591.00	\$179,591.00	Upgrade Existing CNG Station	\$0.00	Yes
ML09046	City of Newport Beach	5/20/2010	5/19/2016		\$162,500.00	\$162,500.00	Upgrade Existing CNG Station, Maintenance	\$0.00	Yes
ML09047	Los Angeles County Department of P	8/13/2014	8/12/2015	11/12/2015	\$400,000.00	\$272,924.53	Maintenance Facility Modifications	\$127,075.47	Yes

Total: 29

Closed/Incomplete Contracts

ML09024	Los Angeles County Department of P	10/15/2010	12/14/2012	6/14/2013	\$400,000.00	\$0.00	Maintenance Facility Modifications	\$400,000.00	No
---------	------------------------------------	------------	------------	-----------	--------------	--------	------------------------------------	--------------	----

Total: 1

Open/Complete Contracts

ML09036	City of Long Beach Fleet Services B	5/7/2010	5/6/2017	11/6/2022	\$875,000.00	\$875,000.00	Purchase 35 Natural Gas Refuse Trucks	\$0.00	Yes
---------	-------------------------------------	----------	----------	-----------	--------------	--------------	---------------------------------------	--------	-----

Total: 1

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

FY 2010-2011 Contracts

Open Contracts

ML11029	City of Santa Ana	9/7/2012	3/6/2020	3/6/2023	\$262,500.00	\$75,000.00	Expansion of Existing CNG Station, Install N	\$187,500.00	No
---------	-------------------	----------	----------	----------	--------------	-------------	--	--------------	----

Total: 1

Declined/Cancelled Contracts

ML11038	City of Santa Monica	5/18/2012	7/17/2018		\$400,000.00	\$0.00	Maintenance Facility Modifications	\$400,000.00	No
MS11013	Go Natural Gas, Inc.				\$150,000.00	\$0.00	New CNG Station - Huntington Beach	\$150,000.00	No
MS11014	Go Natural Gas, Inc.				\$150,000.00	\$0.00	New CNG Station - Santa Ana	\$150,000.00	No
MS11015	Go Natural Gas, Inc.				\$150,000.00	\$0.00	New CNG Station - Inglewood	\$150,000.00	No
MS11046	Luis Castro				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11047	Ivan Borjas				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11048	Phase II Transportation				\$1,080,000.00	\$0.00	Repower 27 Heavy-Duty Vehicles	\$1,080,000.00	No
MS11049	Ruben Caceras				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11050	Carlos Arrue				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11051	Francisco Vargas				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11053	Jose Ivan Soltero				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11054	Albino Meza				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11059	Go Natural Gas				\$150,000.00	\$0.00	New Public Access CNG Station - Paramou	\$150,000.00	No
MS11063	Standard Concrete Products				\$310,825.00	\$0.00	Retrofit Two Off-Road Vehicles under Showc	\$310,825.00	No
MS11070	American Honda Motor Company				\$100,000.00	\$0.00	Expansion of Existing CNG Station	\$100,000.00	No
MS11072	Trillium USA Company DBA Californi				\$150,000.00	\$0.00	New Public Access CNG Station	\$150,000.00	No
MS11077	DCL America Inc.				\$263,107.00	\$0.00	Retrofit of 13 Off-Road Diesel Vehicles with	\$263,107.00	No
MS11083	Cattrac Construction, Inc.				\$500,000.00	\$0.00	Install DECS on Eight Off-Road Vehicles	\$500,000.00	No
MS11084	Ivanhoe Energy Services and Develo				\$66,750.00	\$0.00	Retrofit One H.D. Off-Road Vehicle Under S	\$66,750.00	No
MS11088	Diesel Emission Technologies				\$32,750.00	\$0.00	Retrofit Three H.D. Off-Road Vehicles Under	\$32,750.00	No
MS11089	Diesel Emission Technologies				\$9,750.00	\$0.00	Retrofit One H.D. Off-Road Vehicle Under S	\$9,750.00	No
MS11090	Diesel Emission Technologies				\$14,750.00	\$0.00	Retrofit One H.D. Off-Road Vehicle Under S	\$14,750.00	No

Total: 22

Closed Contracts

ML11007	Coachella Valley Association of Gov	7/29/2011	7/28/2012		\$250,000.00	\$249,999.96	Regional PM10 Street Sweeping Program	\$0.04	Yes
ML11020	City of Indio	2/1/2013	3/31/2019	9/30/2020	\$15,000.00	\$9,749.50	Retrofit one H.D. Vehicles w/DECS, repower	\$5,250.50	Yes
ML11021	City of Whittier	1/27/2012	9/26/2018	6/26/2019	\$210,000.00	\$210,000.00	Purchase 7 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11022	City of Anaheim	3/16/2012	7/15/2018		\$150,000.00	\$150,000.00	Purchase of 5 H.D. Vehicles	\$0.00	Yes
ML11023	City of Rancho Cucamonga	4/20/2012	12/19/2018	9/19/2020	\$260,000.00	\$260,000.00	Expand Existing CNG Station, 2 H.D. Vehicl	\$0.00	Yes
ML11026	City of Redlands	3/2/2012	10/1/2018		\$90,000.00	\$90,000.00	Purchase 3 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11027	City of Los Angeles, Dept. of General	5/4/2012	7/3/2015	1/3/2016	\$300,000.00	\$300,000.00	Maintenance Facility Modifications	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML11028	City of Glendale	1/13/2012	5/12/2018		\$300,000.00	\$300,000.00	Purchase 10 H.D. CNG Vehicles	\$0.00	Yes
ML11030	City of Fullerton	2/3/2012	3/2/2018		\$109,200.00	\$109,200.00	Purchase 2 Nat. Gas H.D. Vehicles, Retrofit	\$0.00	Yes
ML11031	City of Culver City Transportation De	12/2/2011	12/1/2018		\$300,000.00	\$300,000.00	Purchase 10 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML11032	City of Gardena	3/2/2012	9/1/2018	10/1/2020	\$102,500.00	\$102,500.00	Purchase Heavy-Duty CNG Vehicle, Install S	\$0.00	Yes
ML11033	City of Los Angeles, Bureau of Sanit	3/16/2012	1/15/2019		\$1,080,000.00	\$1,080,000.00	Purchase 36 LNG H.D. Vehicles	\$0.00	Yes
ML11034	City of Los Angeles Dept of General	5/4/2012	1/3/2019		\$630,000.00	\$630,000.00	Purchase 21 H.D. CNG Vehicles	\$0.00	Yes
ML11035	City of La Quinta	11/18/2011	11/17/2012		\$25,368.00	\$25,368.00	Retrofit 3 On-Road Vehicles w/DECS	\$0.00	Yes
ML11037	City of Anaheim	12/22/2012	12/21/2019		\$300,000.00	\$300,000.00	Purchase 12 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11039	City of Ontario, Housing & Municipal	1/27/2012	9/26/2018		\$180,000.00	\$180,000.00	Purchase 6 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11041	City of Santa Ana	9/7/2012	11/6/2018	1/6/2021	\$265,000.00	\$244,651.86	Purchase 7 LPG H.D. Vehicles, Retrofit 6 H.	\$20,348.14	Yes
ML11042	City of Chino	2/17/2012	4/16/2018		\$30,000.00	\$30,000.00	Purchase 1 Nat. Gas H.D. Vehicle, Repower	\$0.00	Yes
ML11043	City of Hemet Public Works	2/3/2012	2/2/2019		\$60,000.00	\$60,000.00	Purchase 2 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML11044	City of Ontario, Housing & Municipal	1/27/2012	6/26/2019		\$400,000.00	\$400,000.00	Expand Existing CNG Station	\$0.00	Yes
ML11045	City of Newport Beach	2/3/2012	8/2/2018	3/2/2021	\$30,000.00	\$30,000.00	Purchase 1 Nat. Gas H.D. Vehicle	\$0.00	Yes
MS11001	Mineral LLC	4/22/2011	4/30/2013	4/30/2015	\$111,827.00	\$103,136.83	Design, Develop, Host and Maintain MSRC	\$8,690.17	Yes
MS11002	A-Z Bus Sales, Inc.	7/15/2011	12/31/2011	6/30/2013	\$1,705,000.00	\$1,705,000.00	Alternative Fuel School Bus Incentive Progra	\$0.00	Yes
MS11003	BusWest	7/26/2011	12/31/2011	12/31/2012	\$1,305,000.00	\$1,305,000.00	Alternative Fuel School Bus Incentive Progra	\$0.00	Yes
MS11004	Los Angeles County MTA	9/9/2011	2/29/2012		\$450,000.00	\$299,743.34	Clean Fuel Transit Service to Dodger Stadiu	\$150,256.66	Yes
MS11006	Orange County Transportation Autho	10/7/2011	2/29/2012	8/31/2012	\$268,207.00	\$160,713.00	Metrolink Service to Angel Stadium	\$107,494.00	Yes
MS11008	USA Waste of California, Inc.	10/24/2013	4/23/2020		\$125,000.00	\$125,000.00	Expansion of Existing LCNG Station	\$0.00	Yes
MS11009	USA Waste of California, Inc.	10/24/2013	4/23/2020		\$125,000.00	\$125,000.00	Expansion of Existing LCNG Station	\$0.00	Yes
MS11010	Border Valley Trading	8/26/2011	10/25/2017	4/25/2020	\$150,000.00	\$150,000.00	New LNG Station	\$0.00	Yes
MS11011	EDCO Disposal Corporation	12/30/2011	4/29/2019		\$100,000.00	\$100,000.00	New CNG Station - Signal Hill	\$0.00	Yes
MS11012	EDCO Disposal Corporation	12/30/2011	4/29/2019		\$100,000.00	\$100,000.00	New CNG Station - Buena Park	\$0.00	Yes
MS11016	CR&R Incorporated	4/12/2013	10/11/2019		\$100,000.00	\$100,000.00	New CNG Station - Perris	\$0.00	Yes
MS11017	CR&R, Inc.	3/2/2012	2/1/2018		\$100,000.00	\$100,000.00	Expansion of existing station - Garden Grove	\$0.00	Yes
MS11018	Orange County Transportation Autho	10/14/2011	1/31/2012		\$211,360.00	\$211,360.00	Express Bus Service to Orange County Fair	\$0.00	Yes
MS11019	City of Corona	11/29/2012	4/28/2020		\$225,000.00	\$225,000.00	Expansion of Existing CNG Station	\$0.00	Yes
MS11052	Krisda Inc	9/27/2012	6/26/2013		\$120,000.00	\$120,000.00	Repower Three Heavy-Duty Vehicles	\$0.00	Yes
MS11055	KEC Engineering	2/3/2012	8/2/2018	8/2/2019	\$200,000.00	\$200,000.00	Repower 5 H.D. Off-Road Vehicles	\$0.00	Yes
MS11056	Better World Group Advisors	12/30/2011	12/29/2013	12/29/2015	\$206,836.00	\$186,953.46	Programmatic Outreach Services	\$19,882.54	Yes
MS11057	Riverside County Transportation Co	7/28/2012	3/27/2013		\$100,000.00	\$89,159.40	Develop and Implement 511 "Smart Phone"	\$10,840.60	Yes
MS11058	L A Service Authority for Freeway E	5/31/2013	4/30/2014		\$123,395.00	\$123,395.00	Implement 511 "Smart Phone" Application	\$0.00	Yes
MS11060	Rowland Unified School District	8/17/2012	1/16/2019	1/16/2020	\$175,000.00	\$175,000.00	New Limited Access CNG Station	\$0.00	Yes
MS11061	Eastern Municipal Water District	3/29/2012	5/28/2015		\$11,659.00	\$1,450.00	Retrofit One Off-Road Vehicle under Showc	\$10,209.00	Yes
MS11062	Load Center	9/7/2012	1/6/2016	12/6/2016	\$175,384.00	\$169,883.00	Retrofit Six Off-Road Vehicles under Showc	\$5,501.00	Yes
MS11065	Temecula Valley Unified School Distr	8/11/2012	1/10/2019		\$50,000.00	\$48,539.62	Expansion of Existing CNG Station	\$1,460.38	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS11066	Torrance Unified School District	11/19/2012	9/18/2018		\$42,296.00	\$42,296.00	Expansion of Existing CNG Station	\$0.00	Yes
MS11067	City of Redlands	5/24/2012	11/23/2018	11/23/2019	\$85,000.00	\$85,000.00	Expansion of Existing CNG Station	\$0.00	Yes
MS11068	Ryder System Inc.	7/28/2012	10/27/2018		\$175,000.00	\$175,000.00	New Public Access L/CNG Station (Fontana)	\$0.00	Yes
MS11069	Ryder System Inc.	7/28/2012	8/27/2018		\$175,000.00	\$175,000.00	New Public Access L/CNG Station (Orange)	\$0.00	Yes
MS11071	City of Torrance Transit Department	12/22/2012	1/21/2019	1/21/2020	\$175,000.00	\$175,000.00	New Limited Access CNG Station	\$0.00	Yes
MS11074	SunLine Transit Agency	5/11/2012	7/31/2012		\$41,849.00	\$22,391.00	Transit Service for Coachella Valley Festival	\$19,458.00	Yes
MS11079	Bear Valley Unified School District	2/5/2013	10/4/2019		\$175,000.00	\$175,000.00	New Limited Access CNG Station	\$0.00	Yes
MS11080	Southern California Regional Rail Aut	4/6/2012	7/31/2012		\$26,000.00	\$26,000.00	MetroLink Service to Auto Club Speedway	\$0.00	Yes
MS11086	DCL America Inc.	6/7/2013	10/6/2016		\$500,000.00	\$359,076.96	Retrofit Eight H.D. Off-Road Vehicles Under	\$140,923.04	Yes
MS11087	Cemex Construction Material Pacific,	10/16/2012	2/15/2016		\$448,766.00	\$448,760.80	Retrofit 13 H.D. Off-Road Vehicles Under Sh	\$5.20	Yes
MS11092	Griffith Company	2/15/2013	6/14/2016	12/14/2017	\$390,521.00	\$78,750.00	Retrofit 17 H.D. Off-Road Vehicles Under Sh	\$311,771.00	Yes

Total: 55

Closed/Incomplete Contracts

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

Total: 6

Open/Complete Contracts

ML11024	County of Los Angeles, Dept of Publi	12/5/2014	6/4/2022		\$90,000.00	\$90,000.00	Purchase 3 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11025	County of Los Angeles Department o	3/14/2014	9/13/2021		\$150,000.00	\$150,000.00	Purchase 5 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11036	City of Riverside	1/27/2012	1/26/2019	3/26/2021	\$670,000.00	\$670,000.00	Install New CNG Station, Purchase 9 H.D. N	\$0.00	Yes
ML11040	City of South Pasadena	5/4/2012	1/3/2019	1/3/2022	\$30,000.00	\$30,000.00	Purchase 1 Nat. Gas H.D. Vehicle	\$0.00	Yes
MS11073	Los Angeles Unified School District	9/11/2015	2/10/2022		\$175,000.00	\$175,000.00	Expansion of Existing CNG Station	\$0.00	Yes

Total: 5

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

FY 2011-2012 Contracts

Open Contracts

ML12014	City of Santa Ana	11/8/2013	8/7/2020	8/7/2021	\$338,000.00	\$4,709.00	9 H.D. Nat. Gas & LPG Trucks, EV Charging	\$333,291.00	No
ML12045	City of Baldwin Park DPW	2/14/2014	12/13/2020	6/13/2025	\$400,000.00	\$0.00	Install New CNG Station	\$400,000.00	No
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	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
ML12091	City of Bellflower	10/5/2018	10/4/2019	6/30/2021	\$100,000.00	\$0.00	EV Charging Infrastructure	\$100,000.00	No

Total: 5

Declined/Cancelled Contracts

ML12016	City of Cathedral City	1/4/2013	10/3/2019		\$60,000.00	\$0.00	CNG Vehicle & Electric Vehicle Infrastructur	\$60,000.00	No
ML12038	City of Long Beach Public Works				\$26,000.00	\$0.00	Electric Vehicle Charging Infrastructure	\$26,000.00	No
ML12040	City of Duarte				\$30,000.00	\$0.00	One Heavy-Duty Nat. Gas Vehicle	\$30,000.00	No
ML12044	County of San Bernardino Public 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
MS12007	WestAir Gases & Equipment				\$100,000.00	\$0.00	Construct New Limited-Acess CNG Station	\$100,000.00	No
MS12027	C.V. Ice Company, Inc.	5/17/2013	11/16/2019		\$75,000.00	\$0.00	Purchase 3 Medium-Heavy Duty Vehicles	\$75,000.00	No
MS12030	Complete Landscape Care, Inc.				\$150,000.00	\$0.00	Purchase 6 Medium-Heavy Duty Vehicles	\$150,000.00	No
MS12067	Leatherwood Construction, Inc.	11/8/2013	3/7/2017		\$122,719.00	\$0.00	Retrofit Six Vehicles w/DECS - Showcase III	\$122,719.00	No
MS12070	Valley Music Travel/CID Entertainme				\$99,000.00	\$0.00	Implement Shuttle Service to Coachella Mus	\$99,000.00	No

Total: 12

Closed Contracts

ML12013	City of Pasadena	10/19/2012	3/18/2015	9/18/2015	\$200,000.00	\$65,065.00	Electric Vehicle Charging Infrastructure	\$134,935.00	Yes
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
ML12046	City of Irvine	8/11/2013	3/10/2021		\$30,000.00	\$30,000.00	One Heavy-Duty Nat. Gas Vehicle	\$0.00	Yes
ML12047	City of Orange	2/1/2013	1/31/2019		\$30,000.00	\$30,000.00	One Heavy-Duty Nat. Gas Vehicle	\$0.00	Yes
ML12049	City of Rialto Public Works	7/14/2014	9/13/2015		\$30,432.00	\$3,265.29	EV Charging Infrastructure	\$27,166.71	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
ML12066	City of Manhattan Beach	1/7/2014	4/6/2015		\$5,900.00	\$5,900.00	Electric Vehicle Charging Infrastructure	\$0.00	Yes
MS12001	Los Angeles County MTA	7/1/2012	4/30/2013		\$300,000.00	\$211,170.00	Clean Fuel Transit Service to Dodger Stadiu	\$88,830.00	Yes
MS12002	Orange County Transportation Autho	9/7/2012	4/30/2013		\$342,340.00	\$333,185.13	Express Bus Service to Orange County Fair	\$9,154.87	Yes
MS12003	Orange County Transportation Autho	7/20/2012	2/28/2013		\$234,669.00	\$167,665.12	Implement Metrolink Service to Angel Stadiu	\$67,003.88	Yes
MS12004	USA Waste of California, Inc.	10/24/2013	11/23/2019		\$175,000.00	\$175,000.00	Construct New Limited-Access CNG Station	\$0.00	Yes
MS12005	USA Waste of California, Inc.	10/19/2012	8/18/2013		\$75,000.00	\$75,000.00	Vehicle Maintenance Facility Modifications	\$0.00	Yes
MS12006	Waste Management Collection & Re	10/19/2012	8/18/2013		\$75,000.00	\$75,000.00	Vehicle Maintenance Facility Modifications	\$0.00	Yes
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
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
MS12035	Disneyland Resort	1/4/2013	7/3/2019		\$25,000.00	\$18,900.00	Purchase 1 Medium-Heavy Duty Vehicle	\$6,100.00	Yes
MS12036	Jim & Doug Carter's Automotive/VSP	1/4/2013	11/3/2018		\$50,000.00	\$50,000.00	Purchase 2 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12058	Krisda Inc	4/24/2013	1/23/2019		\$25,000.00	\$25,000.00	Repower One Heavy-Duty Off-Road Vehicle	\$0.00	Yes
MS12059	Orange County Transportation Autho	2/28/2013	12/27/2014		\$75,000.00	\$75,000.00	Maintenance Facilities Modifications	\$0.00	Yes
MS12060	City of Santa Monica	4/4/2014	8/3/2017	8/3/2019	\$500,000.00	\$434,202.57	Implement Westside Bikeshare Program	\$65,797.43	Yes
MS12061	Orange County Transportation Autho	3/14/2014	3/13/2017		\$224,000.00	\$114,240.00	Transit-Oriented Bicycle Sharing Program	\$109,760.00	Yes
MS12062	Fraser Communications	12/7/2012	5/31/2014		\$998,669.00	\$989,218.49	Develop & Implement "Rideshare Thursday"	\$9,450.51	Yes
MS12063	Custom Alloy Light Metals, Inc.	8/16/2013	2/15/2020		\$100,000.00	\$100,000.00	Install New Limited Access CNG Station	\$0.00	Yes
MS12064	Anaheim Transportation Network	3/26/2013	12/31/2014		\$127,296.00	\$56,443.92	Implement Anaheim Circulator Service	\$70,852.08	Yes
MS12065	Orange County Transportation Autho	7/27/2013	11/30/2013		\$43,933.00	\$14,832.93	Ducks Express Service to Honda Center	\$29,100.07	Yes
MS12068	Southern California Regional Rail Aut	3/1/2013	9/30/2013		\$57,363.00	\$47,587.10	Implement Metrolink Service to Autoclub Sp	\$9,775.90	Yes
MS12069	City of Irvine	8/11/2013	2/28/2014		\$45,000.00	\$26,649.41	Implement Special Transit Service to Solar	\$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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
MS12081	Penske Truck Leasing Co., L.P.	1/7/2014	1/6/2016		\$75,000.00	\$75,000.00	Maintenance Facility Modifications - Santa A	\$0.00	Yes
MS12085	Bear Valley Unified School District	4/25/2013	6/24/2014		\$75,000.00	\$75,000.00	Maintenance Facility Modifications	\$0.00	Yes
MS12086	SuperShuttle International, Inc.	3/26/2013	3/25/2019		\$225,000.00	\$225,000.00	Purchase 23 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12087	Los Angeles County MTA	8/29/2013	11/28/2015		\$125,000.00	\$125,000.00	Implement Rideshare Incentives Program	\$0.00	Yes
MS12088	Orange County Transportation Autho	12/6/2013	3/5/2016		\$125,000.00	\$18,496.50	Implement Rideshare Incentives Program	\$106,503.50	Yes
MS12089	Riverside County Transportation Co	10/18/2013	9/17/2015		\$249,136.00	\$105,747.48	Implement Rideshare Incentives Program	\$143,388.52	Yes
MS12Hom	Mansfield Gas Equipment Systems				\$296,000.00	\$0.00	Home Refueling Apparatus Incentive Progra	\$296,000.00	Yes

Total: 59

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

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

Total: 12

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

FY 2012-2014 Contracts

Open Contracts

ML14012	City of Santa Ana	2/13/2015	10/12/2021		\$244,000.00	\$0.00	EV Charging and 7 H.D. LPG Vehicles	\$244,000.00	No
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	No
ML14021	Riverside County Regional Park and	7/24/2014	12/23/2016	9/30/2024	\$250,000.00	\$0.00	Bicycle Trail Improvements	\$250,000.00	No
ML14023	County of Los Angeles Department o	10/2/2015	9/1/2017	3/1/2021	\$230,000.00	\$0.00	Maintenance Fac. Modifications-Westcheste	\$230,000.00	No
ML14024	County of Los Angeles Department o	10/2/2015	9/1/2017	9/1/2021	\$230,000.00	\$0.00	Maintenance Fac. Modifications-Baldwin Par	\$230,000.00	No
ML14027	County of Los Angeles Dept of Publi	10/2/2015	5/1/2023	12/1/2025	\$492,000.00	\$0.00	Construct New CNG Station in Canyon Coun	\$492,000.00	No
ML14030	County of Los Angeles Internal Servi	1/9/2015	3/8/2018	7/30/2021	\$425,000.00	\$25,000.00	Bicycle Racks, Outreach & Education	\$400,000.00	No
ML14072	City of Cathedral City	8/13/2014	1/12/2021	7/12/2022	\$41,000.00	\$35,089.03	Install Bicycle Racks & Implement Bicycle E	\$5,910.97	No
ML14097	County of Los Angeles Internal Servi	9/6/2019	9/5/2020	9/5/2021	\$104,400.00	\$0.00	Electric Vehicle Charging Infrastructure	\$104,400.00	No
MS14057	Los Angeles County MTA	11/7/2014	10/6/2019	10/6/2023	\$1,250,000.00	\$0.00	Implement Various Signal Synchronization P	\$1,250,000.00	No
MS14059	Riverside County Transportation Co	9/5/2014	3/4/2018	3/4/2022	\$1,250,000.00	\$899,594.08	Implement Various Signal Synchronization P	\$350,405.92	No
MS14072	San Bernardino County Transportatio	3/27/2015	3/26/2018	3/26/2022	\$1,250,000.00	\$887,566.17	Implement Various Signal Synchronization P	\$362,433.83	No
MS14079	Waste Resources, Inc.	9/14/2016	8/13/2022	2/13/2024	\$100,000.00	\$0.00	New Limited Access CNG Station	\$100,000.00	No
MS14083	Hacienda La Puente Unified School	7/10/2015	3/9/2022		\$175,000.00	\$0.00	New Limited Access CNG Station	\$175,000.00	No

Total: 14

Declined/Cancelled Contracts

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

Total: 11

Closed Contracts

ML14010	City of Cathedral City	8/13/2014	10/12/2015		\$25,000.00	\$25,000.00	Street Sweeping Operations	\$0.00	Yes
ML14011	City of Palm Springs	6/13/2014	1/12/2016		\$79,000.00	\$78,627.00	Bicycle Racks, Bicycle Outreach & Educatio	\$373.00	Yes
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
ML14029	City of Irvine	7/11/2014	6/10/2017		\$90,500.00	\$71,056.78	Bicycle Trail Improvements	\$19,443.22	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
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
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
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
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
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
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
MS14058	Orange County Transportation Autho	11/7/2014	4/6/2016	4/6/2017	\$1,250,000.00	\$1,250,000.00	Implement Various Signal Synchronization P	\$0.00	Yes
MS14073	Anaheim Transportation Network	1/9/2015	4/30/2017		\$221,312.00	\$221,312.00	Anaheim Resort Circulator Service	\$0.00	Yes
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

Total: 39

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
---------	-----------------------------------	-----------	-----------	--	--------------	--------	---	--------------	----

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
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
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
ML14028	City of Fullerton	9/5/2014	1/4/2022		\$126,950.00	\$126,950.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
ML14032	City of Rancho Cucamonga	1/9/2015	1/8/2022		\$113,990.00	\$104,350.63	Expansion of Existing CNG Infrast., Bicycle L	\$9,639.37	Yes
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
ML14061	City of La Habra	3/11/2016	3/10/2022		\$41,600.00	\$41,270.49	Purchase Two Heavy-Duty Nat. Gas Vehicle	\$329.51	Yes
ML14062	City of San Fernando	3/27/2015	5/26/2021	10/31/2023	\$325,679.00	\$325,679.00	Expand Existing CNG Fueling Station	\$0.00	Yes
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
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
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
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
MS14074	Midway City Sanitary District	1/9/2015	3/8/2021		\$250,000.00	\$250,000.00	Limited-Access CNG Station & Facility Modif	\$0.00	Yes
MS14075	Fullerton Joint Union High School Di	7/22/2016	11/21/2023		\$300,000.00	\$293,442.00	Expansion of Existing CNG Infrastructure/Ma	\$6,558.00	Yes
MS14076	Rialto Unified School District	6/17/2015	2/16/2022	6/25/2023	\$225,000.00	\$225,000.00	New Public Access CNG Station	\$0.00	Yes
MS14077	County Sanitation Districts of L.A. Co	3/6/2015	5/5/2021		\$175,000.00	\$175,000.00	New Limited Access CNG Station	\$0.00	Yes
MS14080	CR&R Incorporated	6/1/2015	8/31/2021	8/31/2022	\$200,000.00	\$200,000.00	Expansion of Existing CNG Infrastructure/Ma	\$0.00	Yes
MS14081	CR&R Incorporated	6/1/2015	5/30/2021		\$175,000.00	\$100,000.00	Expansion of Existing CNG Infrastructure/Ma	\$75,000.00	Yes
MS14082	Grand Central Recycling & Transfer	12/4/2015	3/3/2023	3/3/2024	\$150,000.00	\$150,000.00	Construct New Public Access CNG Station	\$0.00	Yes
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
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: 26

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
FY 2014-2016 Contracts									
Open Contracts									
ML16006	City of Cathedral City	4/27/2016	4/26/2022		\$25,000.00	\$0.00	Bicycle Outreach	\$25,000.00	No
ML16007	City of Culver City Transportation De	10/6/2015	4/5/2023		\$246,000.00	\$210,000.00	Purchase 7 H.D. Nat. Gas Vehicles, EV Cha	\$36,000.00	No
ML16008	City of Pomona	9/20/2016	11/19/2022	5/19/2025	\$60,000.00	\$0.00	Purchase 3 Medium-Duty and 1 Heavy-Duty	\$60,000.00	No
ML16010	City of Fullerton	10/7/2016	4/6/2023	4/6/2024	\$78,222.00	\$27,896.71	Install EV Charging Stations	\$50,325.29	No
ML16017	City of Long Beach	2/5/2016	8/4/2023	1/4/2026	\$1,445,400.00	\$1,375,400.00	Purchase 50 Medium-Duty, 17 H.D. Nat. Ga	\$70,000.00	No
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	No
ML16022	Los Angeles Department of Water an	5/5/2017	3/4/2024	9/4/2025	\$360,000.00	\$0.00	Purchase 12 H.D. Nat. Gas Vehicles	\$360,000.00	No
ML16025	City of South Pasadena	6/22/2016	4/21/2023	10/21/2024	\$160,000.00	\$0.00	Purchase H.D. Nat. Gas Vehicle, Expand Exi	\$160,000.00	No
ML16032	City of Azusa	9/9/2016	4/8/2019	4/8/2021	\$474,925.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$474,925.00	No
ML16038	City of Palm Springs	4/1/2016	7/31/2022	9/30/2022	\$170,000.00	\$0.00	Install Bicycle Lanes & Purchase 2 Heavy-D	\$170,000.00	No
ML16039	City of Torrance Transit Department	1/6/2017	9/5/2022	9/5/2023	\$32,000.00	\$0.00	Install EV Charging Infrastructure	\$32,000.00	No
ML16040	City of Eastvale	1/6/2017	7/5/2022	7/5/2026	\$110,000.00	\$0.00	Install EV Charging Infrastructure	\$110,000.00	No
ML16041	City of Moreno Valley	9/3/2016	1/2/2021	1/2/2024	\$20,000.00	\$0.00	Install EV Charging Infrastructure	\$20,000.00	No
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
ML16046	City of El Monte	4/1/2016	5/31/2021	5/31/2023	\$20,160.00	\$0.00	Install EV Charging Infrastructure	\$20,160.00	No
ML16047	City of Fontana	1/6/2017	8/5/2019	8/5/2021	\$500,000.00	\$0.00	Enhance an Existing Class 1 Bikeway	\$500,000.00	No
ML16048	City of Placentia	3/26/2016	5/25/2021	6/25/2022	\$90,000.00	\$18,655.00	Install a Bicycle Locker and EV Charging Infr	\$71,345.00	No
ML16052	City of Rancho Cucamonga	9/3/2016	11/2/2019	3/31/2021	\$315,576.00	\$0.00	Install Two Class 1 Bikeways	\$315,576.00	No
ML16057	City of Yucaipa	4/27/2016	1/26/2019	1/26/2022	\$380,000.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$380,000.00	No
ML16070	City of Beverly Hills	2/21/2017	6/20/2023		\$90,000.00	\$0.00	Purchase 3 H.D. Nat. Gas Vehicles	\$90,000.00	No
ML16071	City of Highland	5/5/2017	1/4/2020	1/4/2022	\$264,500.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$264,500.00	No
ML16075	City of San Fernando	10/27/2016	2/26/2019	2/26/2022	\$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	\$158,105.51	Pedestrian Access Improvements, Bicycle L	\$305,110.49	No
ML16083	City of El Monte	4/1/2016	4/30/2021	4/30/2023	\$57,210.00	\$25,375.60	Install EV Charging Infrastructure	\$31,834.40	No
MS16086	San Bernardino County Transportatio	9/3/2016	10/2/2021		\$800,625.00	\$573,686.88	Freeway Service Patrols	\$226,938.12	No
MS16094	Riverside County Transportation Co	1/25/2017	1/24/2022		\$1,909,241.00	\$0.00	MetroLink First Mile/Last Mile Mobility Strate	\$1,909,241.00	No
MS16096	San Bernardino County Transportatio	10/27/2016	12/26/2019	6/30/2021	\$450,000.00	\$0.00	EV Charging Infrastructure	\$450,000.00	No
MS16110	City of Riverside	10/6/2017	2/5/2025	2/5/2026	\$300,000.00	\$71,250.00	Expansion of Existing CNG Station and Main	\$228,750.00	No
MS16115	City of Santa Monica	4/14/2017	7/13/2025		\$870,000.00	\$427,500.00	Repower 58 Transit Buses	\$442,500.00	No
MS16117	Omnitrans	4/21/2017	6/20/2023		\$175,000.00	\$175,000.00	Expansion of Existing CNG Infrastructure	\$0.00	No
MS16118	Omnitrans	4/21/2017	6/20/2023		\$175,000.00	\$175,000.00	Expansion of Existing CNG Infrastructure	\$0.00	No
MS16119	Omnitrans	4/21/2017	8/20/2022		\$150,000.00	\$0.00	New Public Access CNG Station	\$150,000.00	No
MS16120	Omnitrans	4/7/2017	5/6/2025		\$945,000.00	\$0.00	Repower 63 Existing Buses	\$945,000.00	No
MS16121	Long Beach Transit	11/3/2017	4/2/2024	11/30/2026	\$600,000.00	\$28,500.00	Repower 39 and Purchase 1 New Transit Bu	\$571,500.00	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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: 35									
Pending Execution Contracts									
MS16127	Los Angeles County MTA				\$2,500,000.00	\$0.00	Expansion of the Willowbrook/Rosa Parks Tr	\$2,500,000.00	No
Total: 1									
Declined/Cancelled Contracts									
ML16014	City of Dana Point				\$153,818.00	\$0.00	Extend an Existing Class 1 Bikeway	\$153,818.00	No
ML16065	City of Temple City				\$500,000.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$500,000.00	No
ML16067	City of South El Monte				\$73,329.00	\$0.00	Implement an "Open Streets" Event	\$73,329.00	No
ML16074	City of La Verne	7/22/2016	1/21/2023		\$365,000.00	\$0.00	Install CNG Fueling Station	\$365,000.00	No
MS16043	LBA Realty Company LLC				\$100,000.00	\$0.00	Install Limited-Access CNG Station	\$100,000.00	No
MS16080	Riverside County Transportation Co				\$1,200,000.00	\$0.00	Passenger Rail Service for Coachella and St	\$1,200,000.00	No
MS16098	Long Beach Transit				\$198,957.00	\$0.00	Provide Special Bus Service to Stub Hub Ce	\$198,957.00	No
MS16104	City of Perris				\$175,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$175,000.00	No
MS16106	City of Lawndale	3/1/2019	11/30/2025		\$175,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$175,000.00	No
MS16107	Athens Services				\$100,000.00	\$0.00	Construct a Limited-Access CNG Station	\$100,000.00	No
MS16108	VNG 5703 Gage Avenue, LLC				\$150,000.00	\$0.00	Construct Public-Access CNG Station in Bell	\$150,000.00	No
MS16109	Sanitation Districts of Los Angeles C				\$275,000.00	\$0.00	Expansion of an Existing L/CNG Station	\$275,000.00	No
MS16111	VNG 925 Lakeview Avenue, LLC				\$150,000.00	\$0.00	Construct Public Access CNG Station in Pla	\$150,000.00	No
Total: 13									
Closed Contracts									
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
ML16015	City of Yorba Linda	3/4/2016	11/3/2017		\$85,000.00	\$85,000.00	Install Bicycle Lanes	\$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
ML16026	City of Downey	5/6/2016	9/5/2017		\$40,000.00	\$40,000.00	Install EV Charging Infrastructure	\$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
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
ML16045	City of Anaheim	6/22/2016	8/21/2019		\$275,000.00	\$255,595.08	Maintenance Facility Modifications	\$19,404.92	Yes
ML16049	City of Buena Park	4/1/2016	11/30/2018		\$429,262.00	\$429,262.00	Installation of a Class 1 Bikeway	\$0.00	Yes
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
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
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML16062	City of Colton	6/3/2016	7/2/2020		\$21,003.82	\$21,003.82	Installation of EV Charging Infrastructure	\$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
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
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
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
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
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
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
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

Total: 41

Closed/Incomplete Contracts

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

Total: 5

Open/Complete Contracts

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
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
ML16019	City of Los Angeles, Dept of General	1/25/2017	3/24/2023		\$102,955.00	\$102,955.00	Install EV Charging Infrastructure	\$0.00	Yes
ML16021	City of Santa Clarita	10/7/2016	6/6/2024		\$49,400.00	\$49,399.00	Install EV Charging Infrastructure	\$1.00	Yes
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
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
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
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
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
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
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
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
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
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
ML16076	City of San Fernando	2/21/2017	8/20/2021		\$43,993.88	\$43,993.88	Install EV Charging Infrastructure	\$0.00	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
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
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
MS16102	Nasa Services, Inc.	2/21/2017	4/20/2023		\$100,000.00	\$100,000.00	Construct a Limited-Access CNG Station	\$0.00	Yes
MS16103	Arrow Services, Inc.	2/3/2017	4/2/2023		\$100,000.00	\$100,000.00	Construct a Limited-Access CNG Station	\$0.00	Yes
MS16105	Huntington Beach Union High School	3/3/2017	7/2/2024		\$175,000.00	\$175,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS16112	Orange County Transportation Autho	4/14/2017	3/13/2024		\$1,470,000.00	\$1,470,000.00	Repower Up to 98 Transit Buses	\$0.00	Yes
MS16113	Los Angeles County MTA	5/12/2017	4/11/2024		\$1,875,000.00	\$1,875,000.00	Repower Up to 125 Transit Buses	\$0.00	Yes
MS16114	City of Norwalk	3/3/2017	6/2/2024		\$45,000.00	\$32,170.00	Purchase 3 Transit Buses	\$12,830.00	Yes
MS16116	Riverside Transit Agency	3/3/2017	1/2/2023		\$10,000.00	\$9,793.00	Purchase One Transit Bus	\$207.00	Yes

Total: 30

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
FY 2016-2018 Contracts									
Open Contracts									
ML18020	City of Colton	5/3/2018	4/2/2024		\$67,881.00	\$35,667.00	Purchase One Medium-Duty and One Heavy	\$32,214.00	No
ML18030	City of Grand Terrace	6/28/2018	3/27/2022	3/27/2025	\$45,000.00	\$0.00	Install EVSE	\$45,000.00	No
ML18031	City of Diamond Bar	9/7/2018	11/6/2025		\$73,930.00	\$0.00	Install EVSE, Purchase up to 2-LD Vehicles	\$73,930.00	No
ML18034	City of Calabasas	6/8/2018	3/7/2022	3/7/2023	\$50,000.00	\$0.00	Install EVSE	\$50,000.00	No
ML18036	City of Indian Wells	8/8/2018	5/7/2023		\$50,000.00	\$0.00	Install EV Charging Station	\$50,000.00	No
ML18038	City of Anaheim	10/5/2018	5/4/2025	5/4/2026	\$221,500.00	\$147,883.27	Purchase 5 Light-Duty ZEVs and Install EVS	\$73,616.73	No
ML18039	City of Redlands	6/28/2018	7/27/2024	1/27/2025	\$87,000.00	\$0.00	Purchase 1 Medium/Heavy-Duty ZEV and In	\$87,000.00	No
ML18041	City of West Hollywood	8/8/2018	12/7/2023		\$50,000.00	\$0.00	Install EV Charging Infrastructure	\$50,000.00	No
ML18043	City of Yorba Linda	9/7/2018	12/6/2023		\$87,990.00	\$0.00	Install EV Charging Infrastructure	\$87,990.00	No
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
ML18046	City of Santa Ana	11/9/2018	7/8/2026		\$385,000.00	\$0.00	Purchase 6 Light-Duty ZEVs, 9 Heavy-Duty	\$385,000.00	No
ML18047	City of Whittier	8/8/2018	4/7/2026		\$113,910.00	\$45,564.00	Purchase 5 Heavy-Duty Near-Zero Emission	\$68,346.00	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		\$227,040.00	\$0.00	Purchase 9 Light-Duty ZEVs, 2 Med-Duty ZE	\$227,040.00	No
ML18053	City of Paramount	9/7/2018	3/6/2023		\$64,675.00	\$0.00	Install EV Charging Infrastructure	\$64,675.00	No
ML18055	City of Long Beach Fleet Services B	11/29/2018	11/28/2026		\$622,220.00	\$140,291.13	Install EV Charging Stations	\$481,928.87	No
ML18056	City of Chino	3/29/2019	9/28/2023		\$103,868.00	\$103,868.00	Install EV Charging Infrastructure	\$0.00	No
ML18057	City of Carson	10/5/2018	7/4/2023		\$106,250.00	\$50,000.00	Purchase 5 Zero-Emission Vehicles and Infr	\$56,250.00	No
ML18058	City of Perris	10/12/2018	11/11/2024		\$94,624.00	\$0.00	Purchase 1 Med. H.D. ZEV and EV Chargin	\$94,624.00	No
ML18059	City of Glendale Water & Power	2/1/2019	7/31/2026		\$260,500.00	\$0.00	Install Electric Vehicle Charging Infrastructur	\$260,500.00	No
ML18060	County of Los Angeles Internal Servi	10/5/2018	8/4/2026		\$1,367,610.00	\$599,306.31	Purchase 29 Light-Duty Zero Emission Vehi	\$768,303.69	No
ML18063	City of Riverside	6/7/2019	1/6/2027		\$383,610.00	\$0.00	Expand Existing CNG Stations	\$383,610.00	No
ML18064	City of Eastvale	11/29/2018	4/28/2026		\$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		\$83,500.00	\$0.00	Instal EVSE	\$83,500.00	No
ML18068	City of Mission Viejo	7/31/2019	6/30/2027		\$125,690.00	\$10,000.00	Purchase 2 Light-Duty ZEVs, Install EVSE &	\$115,690.00	No
ML18069	City of Torrance	3/1/2019	7/31/2027		\$187,400.00	\$100,000.00	Purchase 4 Heavy-Duty Near-Zero Emission	\$87,400.00	No
ML18078	County of Riverside	10/5/2018	10/4/2028		\$425,000.00	\$200,000.00	Purchase 17 Heavy-Duty Vehicles	\$225,000.00	No
ML18080	City of Santa Monica	1/10/2019	12/9/2023	7/9/2025	\$121,500.00	\$14,748.62	Install EV Charging Stations	\$106,751.38	No
ML18082	City of Los Angeles Bureau of Sanita	8/30/2019	8/29/2028		\$900,000.00	\$0.00	Purchase Medium-Duty Vehicles and EV Ch	\$900,000.00	No
ML18083	City of San Fernando	11/2/2018	11/1/2022		\$20,000.00	\$0.00	Implement Traffic Signal Synchronization	\$20,000.00	No
ML18084	City of South El Monte	10/18/2019	9/17/2023	9/17/2024	\$30,000.00	\$0.00	EV Charging Infrastructure	\$30,000.00	No
ML18087	City of Murrieta	3/29/2019	3/28/2025		\$143,520.00	\$143,520.00	Install Four EV Charging Stations	\$0.00	No
ML18088	City of Big Bear Lake	11/29/2018	8/28/2020	8/28/2021	\$50,000.00	\$0.00	Install Bicycle Trail	\$50,000.00	No
ML18089	City of Glendora	7/19/2019	4/18/2025	4/18/2026	\$50,760.00	\$0.00	Purchase a medium-duty ZEV	\$50,760.00	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML18090	City of Santa Clarita	5/9/2019	2/8/2023		\$122,000.00	\$0.00	Install Nine EV Charging Stations	\$122,000.00	No
ML18091	City of Temecula	1/19/2019	7/18/2023		\$141,000.00	\$0.00	Install Sixteen EV Charging Stations	\$141,000.00	No
ML18092	City of South Pasadena	2/1/2019	1/31/2025		\$50,000.00	\$0.00	Procure Two Light-Duty ZEVs and Install EV	\$50,000.00	No
ML18093	City of Monterey Park	2/1/2019	2/28/2026		\$25,000.00	\$0.00	Purchase Heavy-Duty Near-ZEV	\$25,000.00	No
ML18094	City of Laguna Woods	7/12/2019	12/11/2024		\$50,000.00	\$0.00	Install Two EV Charging Stations	\$50,000.00	No
ML18096	City of Highland	12/13/2019	8/12/2024		\$70,210.00	\$9,918.84	Purchase Light-Duty ZEV and Install Three	\$60,291.16	No
ML18098	City of Redondo Beach	2/1/2019	3/31/2023	3/31/2024	\$89,400.00	\$0.00	Install Six EV Charging Stations	\$89,400.00	No
ML18099	City of Laguna Hills	3/1/2019	5/31/2023		\$32,250.00	\$0.00	Install Six EV Charging Stations	\$32,250.00	No
ML18100	City of Brea	10/29/2020	12/28/2024		\$56,500.00	\$0.00	Install Thirteen EV Charging Stations	\$56,500.00	No
ML18101	City of Burbank	2/1/2019	4/30/2024		\$137,310.00	\$0.00	Install Twenty EV Charging Stations	\$137,310.00	No
ML18128	City of Aliso Viejo	8/30/2019	11/29/2023		\$65,460.00	\$0.00	Purchase Two Light-Duty ZEVs and Install S	\$65,460.00	No
ML18129	City of Yucaipa	12/14/2018	3/13/2023		\$63,097.00	\$0.00	Install Six EV Charging Stations	\$63,097.00	No
ML18130	City of Lake Forest	3/1/2019	9/30/2022		\$106,480.00	\$106,480.00	Install Twenty-One EVSEs	\$0.00	No
ML18132	City of Montclair	4/5/2019	9/4/2023		\$40,000.00	\$0.00	Install Eight EVSEs	\$40,000.00	No
ML18134	City of Los Angeles Dept of General	5/3/2019	5/2/2028		\$290,000.00	\$0.00	Purchase Five Medium-Duty ZEVs	\$290,000.00	No
ML18135	City of Azusa	12/6/2019	12/5/2029		\$55,000.00	\$0.00	Purchase Three Light-Duty ZEVs and One H	\$55,000.00	No
ML18136	City of Orange	4/12/2019	8/11/2024		\$42,500.00	\$40,000.00	Purchase Four Light-Duty ZEVs and Install	\$2,500.00	No
ML18137	City of Wildomar	3/1/2019	5/31/2021	12/1/2021	\$50,000.00	\$0.00	Install Bicycle Trail	\$50,000.00	No
ML18138	City of La Canada Flintridge	2/8/2019	5/7/2023		\$50,000.00	\$32,588.07	Install Four EVSEs and Install Bicycle Racks	\$17,411.93	No
ML18139	City of Calimesa	8/30/2019	7/29/2020	11/29/2021	\$50,000.00	\$0.00	Install Bicycle Lane	\$50,000.00	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
ML18141	City of Rolling Hills Estates	2/14/2020	1/13/2024		\$40,000.00	\$0.00	Purchase One Light-Duty ZEV and Install Tw	\$40,000.00	No
ML18142	City of La Quinta	4/24/2019	2/23/2023	8/23/2023	\$51,780.00	\$0.00	Install Two EV Charging Stations	\$51,780.00	No
ML18143	City of La Habra	10/18/2019	9/17/2025	9/17/2027	\$80,700.00	\$73,669.08	Install Two EV Charging Stations	\$7,030.92	No
ML18144	City of Fontana Public Works	10/4/2019	12/3/2023		\$269,090.00	\$0.00	Install Twelve EVSEs	\$269,090.00	No
ML18145	City of Los Angeles Dept of Transpor	1/10/2020	4/9/2027		\$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		\$127,400.00	\$50,000.00	Purchase Five Light-Duty ZEVs and Install T	\$77,400.00	No
ML18147	City of Palm Springs	1/10/2019	1/9/2024		\$60,000.00	\$0.00	Install Eighteen EV Charging Stations	\$60,000.00	No
ML18151	County of San Bernardino Departme	8/25/2020	10/24/2029		\$200,000.00	\$0.00	Purchase Eight Heavy-Duty Near Zero Emis	\$200,000.00	No
ML18152	County of San Bernardino Flood Con	8/11/2020	10/10/2029		\$108,990.00	\$0.00	Purchase Five Heavy-Duty Near Zero Emissi	\$108,990.00	No
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	No
ML18157	City of Los Angeles Bureau of Street	6/21/2019	5/20/2027		\$85,000.00	\$0.00	Purchase One Medium-Duty ZEV	\$85,000.00	No
ML18159	City of Rialto	12/13/2019	5/12/2024		\$135,980.00	\$0.00	Purchase Nine Light-Duty ZEVs and EV Cha	\$135,980.00	No
ML18161	City of Indio	5/3/2019	10/2/2025		\$50,000.00	\$10,000.00	Purchase 1 Light-Duty Zero Emission, 1 Hea	\$40,000.00	No
ML18163	City of San Clemente	3/8/2019	12/7/2024	12/7/2025	\$85,000.00	\$70,533.75	Purchase Four Light-Duty ZEVs and EV Cha	\$14,466.25	No
ML18165	City of Baldwin Park	2/1/2019	1/30/2024		\$49,030.00	\$0.00	Expand CNG Station	\$49,030.00	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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML18168	City of Maywood	3/29/2019	11/28/2022		\$7,059.00	\$0.00	Purchase EV Charging Infrastructure	\$7,059.00	No
ML18169	City of Alhambra	6/14/2019	8/13/2024		\$111,980.00	\$111,980.00	Install EV Charging Infrastructure	\$0.00	No
ML18170	City of Laguna Niguel	1/10/2020	8/9/2028		\$85,100.00	\$0.00	Purchase Two Light-Duty ZEVs and EV Cha	\$85,100.00	No
ML18171	City of El Monte	3/1/2019	4/30/2025		\$119,757.00	\$68,077.81	Purchase One Heavy-Duty ZEVs and EV Ch	\$51,679.19	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 ZEV	\$25,000.00	No
ML18177	City of San Bernardino	6/7/2019	12/6/2026		\$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	11/30/2026	\$25,000.00	\$25,000.00	Purchase One Heavy-Duty Near-Zero Emiss	\$0.00	No
MS18002	Southern California Association of G	6/9/2017	11/30/2018	4/30/2021	\$2,500,000.00	\$886,787.98	Regional Active Transportation Partnership	\$1,613,212.02	No
MS18003	Geographics	2/21/2017	2/20/2021	6/20/2021	\$72,453.00	\$62,988.96	Design, Host and Maintain MSRC Website	\$9,464.04	No
MS18015	Southern California Association of G	7/13/2018	2/28/2021	8/31/2021	\$2,000,000.00	\$0.00	Southern California Future Communities Par	\$2,000,000.00	No
MS18023	Riverside County Transportation Co	6/28/2018	6/27/2021		\$500,000.00	\$219,962.43	Weekend Freeway Service Patrols	\$280,037.57	No
MS18024	Riverside County Transportation Co	6/28/2018	8/27/2021		\$1,500,000.00	\$659,640.00	Vanpool Incentive Program	\$840,360.00	No
MS18027	City of Gardena	11/2/2018	9/1/2026		\$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		\$185,000.00	\$0.00	Install New Limited Access CNG Station & T	\$185,000.00	No
MS18065	San Bernardino County Transportatio	3/29/2019	8/28/2023		\$2,000,000.00	\$1,996,473.93	Implement Metrolink Line Fare Discount Pro	\$3,526.07	No
MS18066	El Dorado National	12/6/2019	2/5/2026		\$100,000.00	\$0.00	Install New Limited-Access CNG Station	\$100,000.00	No
MS18073	Los Angeles County MTA	1/10/2019	2/9/2026		\$2,000,000.00	\$2,000,000.00	Purchase 40 Zero-Emission Transit Buses	\$0.00	No
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	No
MS18106	R.F. Dickson Co., Inc.	7/19/2019	1/18/2026		\$265,000.00	\$250,000.00	Expansion of Existing Infrastructure/Mechani	\$15,000.00	No
MS18108	Capistrano Unified School District	2/1/2019	5/30/2025		\$116,000.00	\$0.00	Expansion of Existing Infrastructure & Train	\$116,000.00	No
MS18110	Mountain View Unified School Distric	2/1/2019	3/31/2025		\$275,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$275,000.00	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
MS18115	City of Commerce	6/7/2019	12/6/2025		\$275,000.00	\$0.00	Expansion of Existing L/CNG Infrastructure	\$275,000.00	No
MS18116	Los Angeles County Department of P	11/15/2019	11/14/2026		\$175,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$175,000.00	No
MS18117	City of San Bernardino	6/7/2019	11/6/2025		\$240,000.00	\$228,000.00	Expansion of Existing CNG Infrastructure/Me	\$12,000.00	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
MS18122	Universal Waste Systems, Inc.	2/1/2019	3/31/2025	3/31/2026	\$200,000.00	\$0.00	Install New Limited Access CNG Infrastructur	\$200,000.00	No
MS18124	County Sanitation Districts of Los An	7/31/2019	2/28/2027		\$275,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$275,000.00	No
MS18125	U.S. Venture	5/9/2019	8/8/2025		\$200,000.00	\$180,000.00	Install New Limited-Access CNG Infrastructu	\$20,000.00	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

Total: 102

Pending Execution Contracts									
ML18148	City of San Dimas				\$50,000.00	\$0.00	Implement Bike Share Program	\$50,000.00	No
ML18166	City of Placentia				\$25,000.00	\$0.00	Purchase One Heavy-Duty Near-Zero Emiss	\$25,000.00	No
ML18179	City of Rancho Mirage				\$50,000.00	\$0.00	Traffic Signal Synchronization	\$50,000.00	No
MS18180	Omnitrans				\$83,000.00	\$0.00	Modify Vehicles Maintenance Facility and Tr	\$83,000.00	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
Total: 4									
Declined/Cancelled Contracts									
ML18075	City of Orange				\$25,000.00	\$0.00	One Heavy-Duty Vehicle	\$25,000.00	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
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
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
Total: 17									
Closed Contracts									
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
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
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
MS18004	Orange County Transportation Autho	8/3/2017	4/30/2019		\$503,272.00	\$456,145.29	Provide Special Rail Service to Angel Stadiu	\$47,126.71	Yes
MS18005	Orange County Transportation Autho	1/5/2018	4/30/2019		\$834,222.00	\$834,222.00	Clean Fuel Bus Service to OC Fair	\$0.00	Yes
MS18006	Anaheim Transportation Network	10/6/2017	2/28/2020		\$219,564.00	\$9,488.22	Implement Anaheim Circulator Service	\$210,075.78	Yes
MS18008	Foothill Transit	1/12/2018	3/31/2019		\$100,000.00	\$99,406.61	Special Transit Service to LA County Fair	\$593.39	Yes
MS18010	Southern California Regional Rail Aut	12/28/2017	7/31/2019		\$351,186.00	\$275,490.61	Implement Special Metrolink Service to Unio	\$75,695.39	Yes
MS18011	Southern California Regional Rail Aut	2/9/2018	6/30/2018		\$239,565.00	\$221,725.12	Special Train Service to Festival of Lights	\$17,839.88	Yes
MS18014	Regents of the University of Californi	10/5/2018	12/4/2019	3/4/2020	\$254,795.00	\$251,455.59	Planning for EV Charging Infrastructure Inve	\$3,339.41	Yes
MS18016	Southern California Regional Rail Aut	1/10/2019	3/31/2019		\$87,764.00	\$73,140.89	Special Train Service to Auto Club Speedwa	\$14,623.11	Yes
MS18025	Los Angeles County MTA	11/29/2018	5/31/2019		\$1,324,560.00	\$961,246.86	Special Bus and Train Service to Dodger Sta	\$363,313.14	Yes
MS18102	Orange County Transportation Autho	10/4/2019	5/31/2020		\$1,146,000.00	\$1,146,000.00	Implement OC Flex Micro-Transit Pilot Proje	\$0.00	Yes
MS18103	Orange County Transportation Autho	2/8/2019	9/7/2020		\$642,000.00	\$613,303.83	Install Hydrogen Detection System	\$28,696.17	Yes
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
Total: 15									
Closed/Incomplete Contracts									
ML18133	City of Rancho Mirage	12/7/2018	11/6/2020		\$50,000.00	\$0.00	Traffic Signal Synchronization	\$50,000.00	No
MS18026	Omnitrans	10/5/2018	1/4/2020		\$83,000.00	\$0.00	Modify Vehicles Maintenance Facility and Tr	\$83,000.00	No
Total: 2									
Open/Complete Contracts									
ML18019	City of Hidden Hills	5/3/2018	5/2/2022	5/2/2023	\$49,999.00	\$49,999.00	Purchase Two Light-Duty ZEVs and EVSE	\$0.00	Yes
ML18021	City of Signal Hill	4/6/2018	1/5/2022		\$49,661.00	\$46,079.31	Install EV Charging Station	\$3,581.69	Yes
ML18028	City of Artesia	6/28/2018	3/27/2025		\$50,000.00	\$50,000.00	Install EVSE	\$0.00	Yes
ML18032	City of Arcadia	2/1/2019	4/30/2025		\$24,650.00	\$24,650.00	Purchase 1 Heavy-Duty Near-ZEV	\$0.00	Yes
ML18033	City of Duarte	8/8/2018	2/7/2025		\$50,000.00	\$50,000.00	Purchase 1-HD ZEV	\$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
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
ML18040	City of Agoura Hills	7/13/2018	6/12/2022		\$17,914.00	\$17,914.00	Install EV Charging Infrastructure	\$0.00	Yes
ML18042	City of San Fernando	6/28/2018	2/27/2024		\$10,000.00	\$10,000.00	Purchase 1 Light-Duty ZEV	\$0.00	Yes
ML18045	City of Culver City Transportation De	6/28/2018	6/27/2025		\$51,000.00	\$51,000.00	Purchase Eight Near-Zero Vehicles	\$0.00	Yes
ML18048	City of Lynwood	6/28/2018	10/27/2024		\$93,500.00	\$44,505.53	Purchase Up to 3 Medium-Duty Zero-Emissi	\$48,994.47	Yes
ML18049	City of Downey	7/6/2018	5/5/2023		\$148,260.00	\$148,116.32	Install EV Charging Stations	\$143.68	Yes
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
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
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
ML18072	City of Anaheim	12/18/2018	11/17/2026		\$239,560.00	\$239,560.00	Purchase 9 Light-Duty ZEVs & 2 Med/Hvy-D	\$0.00	Yes
ML18074	City of Buena Park	12/14/2018	6/13/2026		\$107,960.00	\$107,960.00	EV Charging Infrastructure	\$0.00	Yes
ML18076	City of Culver City Transportation De	10/5/2018	10/4/2023		\$1,130.00	\$1,130.00	Purchase Light-Duty ZEV	\$0.00	Yes
ML18077	City of Orange	11/2/2018	10/1/2022		\$59,776.00	\$59,776.00	Four Light-Duty ZEV and EV Charging Infr	\$0.00	Yes
ML18079	City of Pasadena	12/7/2018	11/6/2023		\$183,670.00	\$183,670.00	EV Charging Infrastructure	\$0.00	Yes
ML18081	City of Beaumont	10/5/2018	10/4/2022	10/4/2025	\$31,870.00	\$31,870.00	EV Charging Infrastructure	\$0.00	Yes
ML18085	City of Orange	4/12/2019	10/11/2026		\$50,000.00	\$50,000.00	Purchase Two Heavy-Duty Near-Zero Emissi	\$0.00	Yes
ML18086	City of Los Angeles Bureau of Street	2/8/2019	4/7/2023		\$300,000.00	\$300,000.00	Install Sixty EV Charging Stations	\$0.00	Yes
ML18095	City of Gardena	11/9/2018	12/8/2024		\$25,000.00	\$25,000.00	Purchase Heavy-Duty Near-ZEV	\$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
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
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
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

[illegible]

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

FY 2018-2021 Contracts

Open Contracts

MS21002	Better World Group Advisors	11/1/2019	12/31/2022		\$265,079.00	\$83,850.60	Programmatic Outreach Services	\$181,228.40	No
MS21003	Orange County Transportation Autho	7/8/2020	5/31/2021		\$468,298.00	\$0.00	Provide Express Bus Service to the Orange	\$468,298.00	No
MS21004	Los Angeles County MTA	1/7/2021	5/31/2023		\$2,188,899.00	\$0.00	Clean Fuel Bus Service to Dodger Stadium	\$2,188,899.00	No

Total: 3

Pending Execution Contracts

MS21005	Southern California Association of G				#####	\$0.00	Implement Last Mile Goods Movement Progr	#####	No
MS21006	Geographics				\$12,952.00	\$0.00	Hosting & Maintenance of the MSRC Websit	\$12,952.00	No

Total: 2

Closed Contracts

MS21001	Los Angeles County MTA	8/30/2019	7/29/2020		\$1,148,742.00	\$285,664.87	Implement Special Transit Service to Dodger	\$863,077.13	Yes
---------	------------------------	-----------	-----------	--	----------------	--------------	---	--------------	-----

Total: 1

AGENDA ITEM #3

AB 2766 Discretionary Fund Financial Report

**AB 2766 Discretionary Fund
Financial Report - February 2021**

Available Funding as of February 28, 2021 (a)	\$	62,182,832
Less Awards by Work Program: (b)		
FY 2014-16	\$	(315,362)
FY 2016-18		(162,750)
FY 2018-21		(317,297)
Total Awards by Work Program:		(795,409)
Less Balance of FY 2016-18 & FY 2018-21 Work Programs (funding not yet awarded)		(51,781,912)
Sub-total - Surplus/(Deficit)	\$	9,605,512
Estimated Revenue (d)		7,748,751
Estimated Available for the FY 2018-2021 Work Program (e)	\$	17,354,262

Notes:

- (a) Cash less: open commitments on executed contracts, balance on administrative budget and \$500,000 reserve.
(b) Information provided by MSRC contracts staff. (Awards = Board approved contracts pending execution)
(c) FY 2016-18 & FY 2018-21 Work Program Summary:

FY 2016-18 Work Program	Total	Executed Contracts	Awarded	Balance
Major Event Center Transportation Program - (PA2015-13)	\$ 938,400	\$ 938,400	\$ -	\$ -
SCAG-Regional Active Transportation Program	2,500,000	2,500,000	-	-
MSRC Web-Site Development	60,753	60,753	-	-
Programmatic Outreach Coordinator	136,619	136,619	-	-
Major Event Center Transportation Program - (PA2017-05)	3,912,829	3,912,829	-	-
Natural Gas Infrastructure Program	2,945,000	2,945,000	-	-
Local Government Partnership	14,970,215	14,807,465	162,750	-
Technical Advisor - Work Program Portion	262,500	262,500	-	-
Hydrogen Infrastructure Projects	3,000,000	1,000,000	-	2,000,000
EV Charging Infrastructure Investments	254,795	254,795	-	-
SCAG-Future Communities Partnership Program	2,000,000	2,000,000	-	-
CTC Partnership Program	8,000,000	8,000,000	-	-
FY 2016-18 Totals	\$ 38,981,111	\$ 36,818,361	\$ 162,750	\$ 2,000,000

FY 2018-21 Work Program	Total	Executed Contracts	Awarded	Balance
Major Event Center Transportation Program	\$ 6,587,642	\$ 3,805,939	\$ 14,743	\$ 2,766,960
MSRC Website Hosting & Maintenance	20,952	6,000	-	14,952.00
Natural Gas Infrastructure Program	1,012,772	1,012,772	-	-
Programmatic Outreach Coordinator (MS16030 modification)	15,000	-	15,000	-
Programmatic Outreach Coordinator	265,079	250,000	15,079	-
Technical Advisor - Work Program Portion	272,475		272,475	-
Market Acceleration Program	4,000,000			4,000,000
VIP Plus Up Incentive Program	5,000,000			5,000,000
SCAG Last Mile Component of the MSRC Regional Goods Movement Program	10,000,000			10,000,000
Inland Ports Zero and Near-Zero Emission Trucking	14,000,000			14,000,000
Inland Ports Zero and Near-Zero Emission Cargo Handling	6,000,000			6,000,000
Zero-Emission Drayage Truck and Infrastructure Pilot Project	8,000,000			8,000,000
FY 2018-21 Totals	\$ 55,173,920	\$ 5,074,711	\$ 317,297	\$ 49,781,912

- (d) Estimated Revenue is the FY2019-20 and FY 2020-21 full year estimates less revenue received. Any change to Health & Safety Code 44243 could affect future revenue. The potential economic impact of COVID-19 could change revenue projections.

AGENDA ITEM #4

Consider Project Concepts Received Under the
Hydrogen Infrastructure Partnership Program

MSRC Agenda Item No. 4

DATE:	March 18, 2021
FROM:	Anthony (A.J.) Marquez, FYs 2016-18 MSRC-TAC Infrastructure Subcommittee Chair
SUBJECT:	Consider Project Concepts Received under the Hydrogen Infrastructure Partnership Program
SYNOPSIS:	As an element of their FYs 2016-18 Work Program, the MSRC allocated \$3,000,000 for the implementation of hydrogen refueling stations within South Coast AQMD's jurisdiction. A Program Opportunity Notice was released on April 6, 2018, which has a closing date of April 9, 2021. The PON encourages partnerships with regulatory agencies such as the California Energy Commission, South Coast AQMD, and CARB, but also allows participation by other public and private stakeholders. A geographic funding minimum of \$500,000 per county has been established, and \$1,000,000 has been awarded to date. Project concepts have been received from California State University Los Angeles Auxiliary Services and San Bernardino County Transportation Authority.
RECOMMENDATION:	The MSRC-TAC has reviewed the recommendations of its Infrastructure Subcommittee and recommends that the MSRC seek the submission of full proposals from these project proponents, to include specific information discussed in the staff report.
FINANCIAL IMPACT:	The MSRC has allocated \$3,000,000 in FYs 2016-18 Discretionary Funds to implement the Hydrogen Infrastructure Partnership Program, of which \$1,000,000 has been awarded to date.

On April 6, 2018, as part of their FYs 2016-18 Work Program, the MSRC released Program Opportunity Notice (PON) #2018-02 – Hydrogen Infrastructure Partnership Program. This Program seeks to encourage the establishment of new and expanded hydrogen fueling stations by public and private entities. The primary intent is to provide funding that can be used to improve the financial viability of a candidate hydrogen refueling station that has already

undergone vetting by a public agency with expertise pertaining to the selection, management, and oversight of hydrogen refueling stations. The PON originally had a submittal deadline of April 10, 2020, but this was subsequently extended to April 9, 2021.

Under the PON, submission of a project concept description may result in one of the following:

- A request by the MSRC for the submittal of a full proposal for possible sole-source funding consideration;
- Notification that a detailed Request for Proposals (RFP) will be issued at a later date;
- Notification that a Hydrogen Refueling Station Concept Description has been declined from further consideration.

Project concepts are reviewed in the order received. To date, the MSRC has made one award in the amount of \$1,000,000 under the PON, to the University of California, Irvine. Subsequently, a number of other station proponents have made inquiries about the opportunity. There have also been project concepts submitted from three project proponents, and reviewed by the MSRC-TAC Infrastructure Subcommittee, which have not moved forward. In one case, the project proponent repeatedly failed to respond to information requests and was notified that their submission was declined from further consideration. In the second case, the project proponent withdrew their submissions and indicated that they would resubmit at a later date. In the third case, the project anticipated receipt of funding from another source which did not materialize, and the proponent withdrew the submission.

Two additional project concepts have been submitted under the PON and are further discussed below.

California State University, Los Angeles

The first project concept for consideration under this item was submitted by Cal State L.A. University Auxiliary Services, Inc., the program administrator for California State University, Los Angeles (CSULA). CSULA proposes to expand the capacity of its existing publicly accessible hydrogen fueling station as well as deploying new technologies. The project would be located on Circle Drive on the CSULA campus in Los Angeles.

The proposed expansion would increase the hydrogen storage capacity of the station to 200 kg through the installation of additional medium- and high-pressure tanks. The expansion would also include the installation of new dual stage compressor capable of achieving rapid high-pressure refills, a stanchion for unloading delivered hydrogen, new T40 chilling equipment and a corresponding 350 and 700 bar fueling dispenser. CSULA further proposes to partner with Argonne Laboratory to demonstrate a compression strategy which will save energy and assure sustained back-to-back fueling, and to investigate hydrogen generation with an electrolyzer powered by the University's recently commissioned 1 MW solar installation.

Project Schedule: As outlined in the project concept submitted in December 2020, the expansion of the CSULA hydrogen station is scheduled to begin March 1, 2021 and complete on November 1, 2022.

Project Funding: The estimated cost for the CSULA hydrogen station expansion is \$1,937,300, of which \$1,000,000 is requested from MSRC. The remaining funding is anticipated to be contributed as follows: \$461,000 by Argonne Laboratories from their Department of Energy Award, and \$476,300 has been sought from the Department of Defense (DOD) for the hydrogen cooling, dispenser and construction. Notifications for DOD awards are anticipated in April 2021. CSULA indicates that if the DOD funding is not received, they would pursue additional support from South Coast AQMD, CARB and the California Energy Commission.

Infrastructure Subcommittee Evaluation: The Infrastructure Subcommittee reviewed the CSULA project concept. The Subcommittee noted that while perhaps not exactly what the MSRC had originally envisioned for this funding category, the project showed significant merit. There was some concern that the DOD funding had not yet been secured. The Subcommittee also wanted more information on anticipated usage for the expanded station. The Subcommittee recommends that the MSRC request CSULA to provide a full proposal for MSRC consideration. At a minimum, this proposal should include additional information on anticipated usage and updated information on co-funding status.

San Bernardino County Transportation Authority

The second project concept for consideration under this item was submitted by San Bernardino County Transportation Authority (SBCTA). SBCTA plans to deploy a Zero-Emissions Multiple Unit (ZEMU) hydrogen-battery hybrid passenger train. The specific project submitted involves the retrofit of the Arrow Maintenance Facility (AMF) to provide hydrogen fueling capabilities for the ZEMU. In its initial configuration, the facility would not be available to fuel any other vehicles, although future expansion to provide such fueling options may be possible. The station would be located near the intersection of North J Street and 3rd Street in San Bernardino.

SBCTA is proposing to store hydrogen in either gas or liquid form, with the determination to be made when the design is finalized. If gas is selected, the storage capacity would be around 500 kg. If liquid is selected, the storage capacity would be approximately 4,000 kg.

Eligibility note: While the ZEMU is not itself a motor vehicle as defined by the California Vehicle Code, it is a passenger train. A substantial portion of the train's riders would be taking the train in lieu of driving their personal automobiles, thereby reducing emissions from motor vehicles. This provides the required nexus to the reduction of emissions from motor vehicles to allow the MSRC to consider the proposed project.

Project Schedule: The AMF is currently being constructed by SBCTA. Design of the hydrogen refueling area is anticipated to commence in 2021, with construction starting in 2022. The ZEMU is scheduled to enter into initial non-revenue service and testing in the fall of 2023, with revenue service beginning as early as late 2024.

Project Funding: The project concept states the estimated cost for the hydrogen refueling area as \$3,190,000. This includes \$2,300,000 in capital costs for the fuel storage and dispenser, utility connections, retrofit of the AMF, and \$890,000 for the initial year of operating costs. \$2,552,000 is requested from the MSRC. The remaining \$638,000 would be provided by SBCTA.

Infrastructure Subcommittee Evaluation: The Infrastructure Subcommittee reviewed the SBCTA project concept. The Subcommittee noted that the MSRC has not paid operation and maintenance (O&M) costs for any previous fueling infrastructure projects. In the past, CARB and South Coast AQMD have issued guidance that O&M costs are not an appropriate use of MSRC funds. There was also some concern that given the demonstration nature of the ZEMU vehicle, its use might be halted early if there were technical problems. This could have the effect of “stranding” the hydrogen refueling station. Nevertheless, in the Subcommittee’s assessment the project showed significant merit. The Subcommittee recommends that the MSRC request SBCTA to provide a full proposal for MSRC consideration. At a minimum, this proposal should include information on the expected duration of the ZEMU demonstration and contingency plans for the station should the demonstration be terminated early. The proposal should not request funding for O&M costs.

MSRC-TAC Recommendations: The MSRC-TAC has reviewed the recommendations of its Infrastructure Subcommittee and recommends that the MSRC seek the submission of full proposals from these project proponents.

AGENDA ITEM #5

Receive Status Update and Consider Midcourse Adjustment for the
Voucher Incentive Program (VIP) Plus Up



MSRC Agenda Item No. 5

DATE:	March 18, 2021
FROM:	Cynthia Ravenstein, MSRC Contracts Administrator
SUBJECT:	Receive Status Update and Consider Midcourse Adjustment for Voucher Incentive Program (VIP) Plus Up Incentive
SYNOPSIS:	As an element of their FYs 2018-21 Work Program, the MSRC allocated \$5,000,000 to partner with the South Coast AQMD for a VIP Plus Up Incentive. The baseline VIP offers incentives to encourage the replacement of older, higher-polluting vehicles with newer, lower-emission vehicles. The Plus Up offers an increased incentive to achieve additional surplus emission reductions. This item will provide a status update and consider options going forward, which may include adjusting incentive amounts and redeploying a portion of the current allocation to immediate MSRC funding needs in other areas.
RECOMMENDATION:	The MSRC-TAC recommends that the MSRC consider increasing maximum South Coast AQMD plus MSRC combined funding incentive for Class 8 trucks to \$125,000 and redeploying \$2,500,000 of the MSRC allocated funding
FINANCIAL IMPACT:	\$5,000,000 is allocated for this program. No funds have been expended to date, although applications for vouchers which would utilize \$180,000 in MSRC funding have been approved.

Background: In April 2020, the MSRC allocated \$5,000,000 to partner with the South Coast AQMD and provide a Plus Up Incentive on their VIP Program, with a sunset date of December 31, 2021. Using funds provided by the California Air Resources Board (CARB), South Coast AQMD implements the VIP to encourage the replacement of older, higher-polluting vehicles with newer, lower-emission vehicles which meet the 0.20 g/bhp-hr NO_x standard. The program features a rapid response time and is limited to small fleets of 10 or fewer vehicles. With the Plus Up incentive, for those fleets willing to pursue the cleanest commercially available technologies certified at 0.02 g/bhp-hr NO_x or cleaner—generally alternative fuel at this time—

MSRC funds are added to the amount of the voucher. There is no difference, process-wise, for the fleets. The following upper limits are currently established for combined VIP+MSRC funds:

Old Truck	Maximum Incentive
Class 7 and 8	\$100,000 or 90% of total cost of new truck, whichever is lower
Class 6	\$80,000 or 90% of total cost of new truck, whichever is lower
Class 5	\$60,000 or 90% of total cost of new truck, whichever is lower

Status: The VIP Plus Up saw slow uptake during the 2020 round. There was a later than usual release of CARB VIP Guidelines, and fleets may have been cautious about embracing new fuel types during the uncertain times of the pandemic. Two voucher applications, which will utilize a total of \$180,000 in MSRC funding, have been approved to date but have not yet been paid.

The 2021 CARB VIP Guidelines have now been released and the program is expected to gain traction in late 2021. Low NOx engines are now eligible under the baseline VIP program, so the MSRC funding contribution per Plus Up vehicle will be decreased. The highest baseline voucher amount is \$80,000.

Midcourse Adjustment Options: The VIP Plus Up incentive covers a key niche by providing a rapid response incentive for small fleets and independent owner/operators who are not well equipped to respond to competitive solicitations. The MSRC may want to consider one or more options to fine tune the VIP Plus Up partnership:

- Revive Interest – Increase the maximum combined South Coast AQMD plus MSRC VIP Plus Up incentive for Class 8 trucks from the current \$100,000 level to \$125,000. With the average cost of a 0.02 g/bhp-hr Class 8 truck in the \$180,000 range, this would still fall well below the 90% cap.
- Redeploy – A portion of the previously allocated funding could be redeployed to address immediate MSRC funding needs, such as project backup lists under the Inland Empire Cargo Handling and Trucking RFPs. It is estimated that even if the incentive amount for Class 8 trucks is increased as discussed above, up to \$2,500,000 could be reallocated at this time with little chance of rapidly exhausting the funding balance. Should there be a marked increase in interest in VIP Plus Up, the MSRC can revisit it and consider allocating additional funds as part of their next Work Program.

Recommendations: The MSRC-TAC reviewed the status and options and recommends approval of the adjusted incentive and fund redeployment.

AGENDA ITEM #6

Consider Proposals Received Under the
Cargo Handling Equipment & Infrastructure at Warehouse, Distribution &
Intermodal Facilities in Riverside & San Bernardino Counties RFP

MSRC Agenda Item No. 6

DATE: March 18, 2021

FROM: Ray Gorski, MSRC Technical Advisor on behalf of Tim Olson, Inland Ports Subcommittee Chair

SUBJECT: Consider Funding Recommendations and Backup List Recommendations for Proposals Submitted in Response to Request for Proposals for Cargo Handling Equipment & Infrastructure at Warehouse, Distribution & Intermodal Facilities in Riverside & San Bernardino Counties.

SYNOPSIS: As an element of their FYs 2018-21 Work Program, the MSRC allocated \$6,000,000 to partner with owners and/or operators of warehouses, distribution centers, logistics facilities, and intermodal hubs located in Riverside or San Bernardino County to implement air pollution reduction strategies that reduce emissions generated from cargo handling. RFP #P2021-08 was released on November 6, 2020 with a closing date of January 15, 2021. Six proposals were received by the deadline and found to meet the requirements of the RFP. The MSRC-TAC Inland Ports Subcommittee has reviewed the proposals and recommends funding awards as discussed herein.

RECOMMENDATION: The MSRC-TAC has reviewed the proposals and recommends awards to Penske Truck Leasing, CMA CGM (America), and partial funding to ITS Technologies and Logistics. The Subcommittee further recommends that the balance of requested funds from ITS Technologies and Logistics, and the proposals from MHX and RDS Logistics, be placed on the Backup List, and suggests that the MSRC consider further actions as described in the staff report should the MSRC allocate additional funds to this category.

WORK PROGRAM **Clean Transportation Funding™** to implement the Inland Ports Work
IMPACT: Program element will be allocated from the FY 2018-'21 MSRC
Discretionary Fund.

Background: As an element of their FYs 2018-21 Work Program, the MSRC allocated \$6,000,000 to partner with owners and/or operators of warehouses, distribution centers, logistics facilities, and intermodal hubs located in Riverside or San Bernardino County to implement air pollution reduction strategies that reduce emissions generated from cargo handling. RFP #P2021-08 was released on November 6, 2020 with a closing date of January 15, 2021. Six (6) proposals were received by the deadline and found to meet the requirements of the RFP, as follows:

Table 1 – Proposals Received in Response to Inland Ports Off-Road RFP #2021-08

PROPOSER	MSRC FUNDING REQUEST	PROJECT CO- FUNDING	TOTAL PROJECT AMOUNT
RDS LOGISTICS GROUP	\$1,617,000	\$3,980,500	\$5,597,500
MHX, LLC	\$1,016,875	\$677,917	\$1,694,792
ORANGE EV	\$2,574,040	\$1,048,155	\$3,622,195
PENSKE TRUCK LEASING CO., L.P.	\$1,160,000	\$616,250	\$1,776,250
ITS TECHNOLOGIES & LOGISTICS, LLC	\$3,000,000	\$3,593,973	\$6,593,973
CMA CGM (AMERICA) LLC	\$3,000,000	\$6,460,000	\$9,460,000
TOTAL FUNDING REQUESTED	\$12,367,915	\$16,376,795	\$28,744,710

As shown in Table 1, the MSRC received proposals totaling approximately \$12.4 million dollars. The current targeted funding amount for this RFP is \$6M. Thus, this RFP is oversubscribed. A summary of each proposal is provided as follows:

- *RDS Logistics Group* – Purchase of five (5) Orange EV model zero-emission yard tractors. In addition, the proposal includes EV charging equipment and facility upgrades including installation of photovoltaic solar panels that will offset the grid electricity requirements of the zero-emission yard tractors. The project will be located in Bloomington in San Bernardino County.
- *MHX, LLC* – This project will offset the emissions currently generated by diesel forklifts operating at the MHX Fontana facility by installing electric overhead cranes. The zero-emission cranes will eliminate the need to use diesel cargo handling equipment.
- *Orange EV* – Orange EV proposes to deploy ten (10) zero-emission electric yard tractors and charging equipment on a rental basis to facilities located within the Inland Empire. The project would be implemented over a two-year demonstration period.

- *Penske* – Purchase of five (5) zero-emission electric Kalmar Ottawa T2E yard tractors and associated charging infrastructure. The project location is Mira Loma.
- *ITS Technologies & Logistics* – ITS Technologies & Logistics (ITS ConGlobal) will purchase and deploy twelve (12) electric yard tractors manufactured by BYD. The project also include necessary electric charging infrastructure. The project is located at the BNSF Intermodal Facility in San Bernardino.
- *CMA CGM* – Purchase of two (2) zero-emission electric rubber tire gantry cranes, two (2) empty container handlers, and ten (10) electric yard trucks for operation at a new facility in Fontana that is currently under development. All of the electric cargo handling equipment is manufactured by Kalmar.

Proposal Evaluation Process: The proposals were evaluated by members of the Inland Ports Subcommittee against the evaluation criteria included in RFP #2021-08. Proposals were evaluated based on the following two criteria:

1. **Criteria Air Pollutant Emissions Reduction Cost-Effectiveness** (50 points maximum score) – Reductions in criteria air pollutant emissions in the South Coast AQMD Region, and particularly the Inland Empire, are the primary motivation for releasing this Request for Proposals. Proposals will be evaluated based on the quantifiable reduction in reactive organic gases, oxides of nitrogen (NO_x), and diesel particulate matter exhaust pollution as compared to the current Tier 4 Final off-road diesel emission standards and CARB on-road heavy-duty emissions standard. Cost-effectiveness will be computed as the ratio of the quantified air pollutant reductions per MSRC funding requested. The quantification methodologies included in the Air Resources Board's 2017 Carl Moyer Memorial Air Quality Standards Attainment Program Guidelines will be used to the extent applicable to ensure consistency in proposal evaluation.
2. **Project Readiness** (50 points maximum) – This evaluation criterion assesses a proposed project's perceived ability to adhere to the proposed schedule and budget. Factors that will impact a project's successful implementation within budget and schedule projections include:
 - Zero/Near-Zero Vehicle Acquisition:
 - Have the zero/near-zero vehicles proposed for deployment under this project been specified?
 - Has the sales or leasing agent been contacted, and are negotiations underway?
 - Is the proposer ready to execute a vehicle purchase order upon MSRC funding award?
 - Supporting Infrastructure Development:
 - Has an equipment specification for supporting EVSE or gaseous fuel infrastructure been prepared?
 - What is the stage of site planning, i.e., preliminary design, final design, etc.

- Has coordination begun with the cognizant utilities?
- **Project Funding:**
 - Has the necessary project co-funding been identified?
 - Is co-funding in hand or applied for?
 - Will final status of other pending funding awards be known within the first quarter of calendar year 2021?

Members of the Evaluation Subcommittee scored each proposal relative to the above two criteria. MSRC staff provided technical assistance in calculating project cost-effectiveness for subsequent review by the Subcommittee members.

Evaluation Results: Table 2, below, provides the results of the proposal scoring and ranking.

Table 2 – Results of Proposal Scoring & Ranking

PROPOSER	FUNDING REQUEST	SCORE
PENSKE TRUCK LEASING CO., L.P.	\$1,160,000	83
CMA CGM (AMERICA) LLC	\$3,000,000	83
ITS TECHNOLOGIES & LOGISTICS, LLC	\$3,000,000	80
MHX, LLC	\$1,016,875	63
RDS LOGISTICS GROUP	\$1,617,000	59
ORANGE EV	\$2,574,040	46

The MSRC currently has \$6M allocated for this program category. Applying funding to the above projects in rank order results in Penske Truck Leasing and CMA CMG receiving full funding, and ITS Technologies and Logistics receiving partial funding, as shown below in Table 3.

Table 3 – Allocation of Available Funding in Rank Order of Project Score

PROPOSER	FUNDING REQUEST	SCORE
PENSKE TRUCK LEASING CO., L.P.	\$1,160,000	83
CMA CGM (AMERICA) LLC	\$3,000,000	83
ITS TECHNOLOGIES & LOGISTICS, LLC	\$1,840,000	80
ITS TECHNOLOGIES & LOGISTICS, LLC	\$1,160,000	80
MHX, LLC	\$1,016,875	63
RDS LOGISTICS GROUP	\$1,617,000	59
ORANGE EV	\$2,574,040	46

Table 3, above, represents the MSRC-TAC recommendation based on current funding availability.

Backup List Funding: Further, the MSRC-TAC recommends that the MSRC approve and further that currently unallocated MSRC funding be applied to projects on the backup list. The MSRC-TAC recommends the following backup list funding as shown below in Table 4:

Table 4 – Inland Ports Subcommittee Recommendations for Backup List Funding

PROPOSER	FUNDING REQUEST	SCORE
PENSKE TRUCK LEASING CO., L.P.	\$1,160,000	83
CMA CGM (AMERICA) LLC	\$3,000,000	83
ITS TECHNOLOGIES & LOGISTICS, LLC	\$3,000,000	80
MHX, LLC	\$569,275	63
RDS LOGISTICS GROUP*	\$808,500	59
ORANGE EV	\$0	46

Specifically, the MSRC-TAC recommends that the backup list associated with RFP #2021-08 be implemented as follows:

- ITS Technologies and Logistics be awarded the balance of their requested amount. This is an additional \$1,160,000 for a total funding award of \$3,000,000.
- Award MHX, LLC funding in the amount of \$569,275. The RFP requested that all proposers state their willingness to impellent a descoped project and provide a description and cost estimate for a descoped project. MHX presented an alternative proposal that would implement one (1) zero-emission crane as opposed to two (2) cranes. The reduced scope project cost is \$569,275. Thus, should the MSRC allocate additional funding to the backup list associated with RFP #2021-08, the recommended award amount for MHX, LLC is \$569,275.
- *Award RDS Logistics Group funding in the amount of \$808,500 for the purchase of three (3) electric yard tractors. This represents one-half of the RDS funding request. Note that the original funding request was for five (5) electric yard tractors. The Inland Ports Subcommittee recommends that the MSRC-TAC and MSRC condition the recommended award of \$808,500 so that a minimum of three (3) electric yard tractors are purchased. This has the effect of increasing the amount of co-funding contributed to the project by RDS Logistics Group.
- The Inland Ports Subcommittee does not recommend an MSRC funding award to Orange EV. While Orange EV did provide an innovative rental yard tractor concept, the Subcommittee noted several issues that removed it from the competitive range. Note

that Orange EV electric yard tractors will be deployed in the RDS Logistics Group project should RDS accept the recommended conditions and constraints.

The total recommended funding for RFP #2021-08, including the backup list, is **\$8,537,775**. The additional amount of MSRC Clean Transportation Funding required to implement the backup list is **\$2,537,775**.

MSRC-TAC Recommendation: The MSRC-TAC recommends:

1. That the MSRC approve the MSRC-TAC's recommendation to award \$6,000,000 in MSRC Clean Transportation Funding as follows:

PENSKE TRUCK LEASING CO., L.P.	\$1,160,000
CMA CGM (AMERICA) LLC	\$3,000,000
ITS TECHNOLOGIES & LOGISTICS, LLC	\$1,840,000

2. Further, that the MSRC approve and apply currently unallocated funds to the backup list as follows:

ITS TECHNOLOGIES & LOGISTICS, LLC	\$1,160,000
MHX, LLC	\$569,275
RDS LOGISTICS GROUP*	\$808,500

AGENDA ITEM #7

Consider Proposals Received Under the
Trucking to Warehouse, Distribution & Intermodal Facilities in
Riverside & San Bernardino Counties RFP

MSRC Agenda Item No. 7

DATE: March 18, 2021

FROM: Ray Gorski, MSRC Technical Advisor on behalf of Tim Olson, Inland Ports Subcommittee Chair

SUBJECT: Consider Proposals Received under the Trucking to Warehouse, Distribution & Intermodal Facilities in Riverside & San Bernardino Counties RFP.

SYNOPSIS: As an element of their FYs 2018-21 Work Program, the MSRC initially allocated \$14,000,000 to partner with businesses which frequently transport goods to warehouses, distribution centers, logistics facilities and intermodal hubs located in Riverside or San Bernardino County to partially offset the cost of acquiring zero or near-zero emission heavy-duty trucks and associated infrastructure. RFP #P2021-07 was released on November 6, 2020 with a closing date of January 15, 2021. Eleven proposals were received by the deadline, and ten were found to meet the requirements of the RFP. The MSRC-TAC Inland Ports Subcommittee has reviewed the proposals and recommends funding awards as discussed herein.

RECOMMENDATION: MSRC-TAC has reviewed the proposals and recommends awards to Amazon Logistics, 4 Gen Logistics, Green Fleet Systems, Premium Transportation Services, and partial funding for Ryder Systems. The Subcommittee further recommends that the balance of funding for the Ryder Systems proposal, as well as proposals from MHX, Pac Anchor Transportation, Volvo Financial Services, Sea Logix, and CMA CGM (America) be placed on a Backup List, and that the MSRC consider allocating additional funding to projects on the backup list as described in this staff report.

WORK PROGRAM **Clean Transportation Funding™** to implement the Inland Ports Work
IMPACT: Program element will be allocated from the FY 2018-'21 MSRC
Discretionary Fund.

Background: As an element of their FYs 2018-21 Work Program, the MSRC initially allocated \$14,000,000 to partner with businesses which frequently transport goods to warehouses, distribution centers, logistics facilities and intermodal hubs located in Riverside or San Bernardino County to partially offset the cost of acquiring zero or near-zero emission heavy-duty trucks and associated infrastructure. RFP #P2021-07 was released on November 6, 2020 with a closing date of January 15, 2021. Eleven proposals were received by the deadline, as follows:

Table 1 – Proposals Received in Response to Inland Ports Off-Road RFP #2021-08

PROPOSER	MSRC FUNDING REQUEST	PROJECT CO- FUNDNG	TOTAL PROJECT AMOUNT
MHX, LLC	\$1,900,000	\$1,280,000	\$3,180,000
SEA LOGIX LLC	\$4,500,000	\$4,942,800	\$9,442,800
PREMIUM TRANSPORTATION SERVICES, INC.	\$1,500,000	\$1,639,445	\$3,139,445
CLEAN ENERGY	\$3,872,115	\$3,872,115	\$7,744,230
4 GEN LOGISTICS	\$7,000,000	\$17,772,275	\$24,772,275
RYDER SYSTEMS, INC.	\$3,169,746	\$7,560,000	\$10,729,746
AMAZON LOGISTICS, INC.	\$4,157,710	\$24,167,710	\$28,325,420
PAC ANCHOR TRANSPORTATION, INC.	\$2,300,000	\$2,166,313	\$4,466,313
GREEN FLEET SYSTEMS LLC	\$500,000	\$421,000	\$921,000
VOLVO FINANCIAL SERVICES (QCD)	\$3,930,270	\$4,816,251	\$8,746,521
CMA CGM (AMERICA) LLC	\$3,892,925	\$1,000,000	\$4,892,925
TOTAL MSRC FUNDING REQUEST	\$36,722,766	\$69,637,909	\$106,360,675

As shown in Table 1, the MSRC received proposals totaling approximately \$36.7 million dollars. The current targeted funding amount for this RFP is \$14M. Thus, this RFP is oversubscribed. A summary of each proposal is provided as follows:

- *MHX, LLC* – MHX proposes to purchase and deploy ten (10) battery-electric Class 8 Tesla Semi-tractor trailers. MHX will also purchase, install, and operate two Tesla Megachargers at its distribution facility in Fontana.
- *Sea Logix, LLC* – proposes to replace its entire Southern California fleet of 45 Class 8 diesel drayage trucks with natural gas vehicles operating on RNG. The vehicle will be equipped with the near-zero Cummins ISX12N engine and be domiciled at the Sea Logix Long Beach facility.

- *Premium Transportation Services, Inc. (TTSI)* – TTSI proposes to purchase and deploy fifteen (15) near-zero semi-tractors equipped with the Cummins ISX12N engine. The trucks will be domiciled in San Pedro and dray containers to Fontana.
- *Clean Energy* – Clean Energy proposes to construct a renewable natural gas refueling station in the City of Redlands to service a national fleet.
- *4 Gen Logistics* – 4 Gen Logistics proposes to purchase forty (40) BYD electric Class 8 semi-tractors and associated recharging infrastructure. 4 Gen is based in Rialto.
- *Ryder Systems, Inc.* – Ryder proposes to purchase and install two “grid-on-a-skid” Integrated Power Centers (IPC) and four Tesla mega chargers to support 42 Tesla Class 8 battery electric trucks.
- *Amazon Logistics, Inc.* – Amazon proposes to purchase and deploy 10 Lion8T electric and up to 100 near-zero Class 8 tractors operating on RNG, based in Ontario.
- *Pac Anchor Transportation, Inc.* – Pac Anchor proposes the purchase of 23 near-zero natural gas Class 8 trucks. The trucks will be domiciled in Wilmington and be dedicated to transferring goods to warehouse destinations in Riverside and San Bernardino counties.
- *Green Fleet Systems LLC* – Green Fleet proposes the purchase of five (5) near-zero Class 8 trucks equipped with the Cummins ISX12N natural gas engine. The trucks will be domiciled in the Signal Hill area and dray containers between the San Pedro Bay Ports and Corona.
- *Volvo Financial Services* – The proposed project will deploy a total of 14 Volvo VNR Electric zero-emission battery-electric Class 8 trucks into host distribution trucking fleet QCD’s Fontana, CA distribution center and delivery operations.
- *CMA CGM (America)* – CMA CGM (America) proposes to purchase 25 near-zero natural gas Class 8 trucks for its drayage operations. The trucks will dray containers from the San Pedro Bay Ports to the CMA CGM facility in Fontana.

Proposal Evaluation Process: The proposals were evaluated by members of the Inland Ports Subcommittee against the evaluation criteria included in RFP #2021-07. Proposals were evaluated based on the following three (3) criteria:

1. **Criteria Air Pollutant Emissions Reduction Cost-Effectiveness** (40 points maximum score) – Reductions in criteria air pollutant emissions in the South Coast AQMD Region, and particularly the Inland Empire, are the primary motivation for releasing this Request for Proposals. Proposals will be evaluated based on the quantifiable reduction in reactive organic gases, oxides of nitrogen (NO_x), and diesel particulate matter exhaust pollution as compared to the current California Air Resources Board NO_x threshold of 0.2 grams per brake

horsepower-hour (g/bhp-hr). Cost-effectiveness will be computed as the ratio of the quantified air pollutant reductions per MSRC funding requested. The quantification methodologies included in the Air Resources Board's 2017 Carl Moyer Memorial Air Quality Standards Attainment Program Guidelines will be used to the extent applicable to ensure consistency in proposal evaluation.

2. **Project Readiness** (40 points maximum) – This evaluation criterion assesses a proposed project's perceived ability to adhere to the proposed schedule and budget. Factors that will impact a project's successful implementation within budget and schedule projections include:

- Zero/Near-Zero Vehicle Acquisition:
 - Have the zero/near-zero vehicles proposed for deployment under this project been specified?
 - Has the sales or leasing agent been contacted, and are negotiations underway?
 - Is the proposer ready to execute a vehicle purchase order upon MSRC funding award?
- Supporting Infrastructure Development:
 - Has an equipment specification for supporting EVSE or gaseous fuel infrastructure been prepared?
 - What is the stage of site planning, i.e., preliminary design, final design, etc.?
 - Has coordination begun with the cognizant utilities?
- Project Funding:
 - Has the necessary project co-funding been identified?
 - Is co-funding in hand or applied for?
 - Will final status of other pending funding awards be known within the first quarter of calendar year 2021?

3. **Percentage of Truck Trips that Serve Facilities Located in the Inland Empire** (20 points maximum) – The MSRC seeks to reduce air pollutant emissions from heavy-duty diesel trucks that transport goods within the South Coast Air Basin with destinations to the Inland Empire. This evaluation criterion recognizes fleets who commit to utilize the zero or near-zero vehicles associated with this project on a frequent basis to serve destinations within the Inland Empire. The following rubric will be used to assign points:

*Estimated Percentage of Project Vehicle Trips
that Serve Inland Empire Goods Movement
Facilities* *Point Allocation*

95% or Greater	20
90% - 94%	15

80% - 89%	10
75% - 80%	5
74% or Less	0

Members of the Evaluation Subcommittee scored each proposal relative to the above three criteria. MSRC staff provided technical assistance in calculating project cost-effectiveness for subsequent review by the Subcommittee members.

Evaluation Results: Table 2, below, provides the results of the proposal scoring and ranking.

Table 2 – Results of Proposal Scoring & Ranking

PROPOSER	MSRC FUNDING REQUEST	TOTAL SCORE
AMAZON LOGISTICS, INC.	\$4,157,710	96
4 GEN LOGISTICS	\$7,000,000	92
GREEN FLEET SYSTEMS LLC	\$500,000	92
PREMIUM TRANSPORTATION SERVICES, INC.	\$1,500,000	91
RYDER SYSTEMS, INC.	\$3,169,746	87
MHX, LLC	\$1,900,000	84
PAC ANCHOR TRANSPORTATION, INC.	\$2,300,000	79
VOLVO FINANCIAL SERVICES (QCD)	\$3,930,270	69
SEA LOGIX LLC	\$4,500,000	68
CMA CGM (AMERICA) LLC	\$3,892,925	62
CLEAN ENERGY	\$3,872,115	25

The MSRC currently has \$14M allocated for this program category. Applying funding to the above projects in rank order results in the top four projects receiving full funding and Ryder System receiving partial funding, as shown below in Table 3. Ryder System Inc. would receive \$842,290 in MSRC Clean Transportation Funding with the balance of the original funding request, \$2,327,456 placed on a backup list for consideration in the event the MSRC allocates additional funding to this Work Program category.

Table 3 – Allocation of Available Funding in Rank Order of Project Score

PROPOSER	MSRC FUNDING REQUEST	TOTAL SCORE
AMAZON LOGISTICS, INC.	\$4,157,710	96

4 GEN LOGISTICS	\$7,000,000	92
GREEN FLEET SYSTEMS LLC	\$500,000	92
PREMIUM TRANSPORTATION SERVICES, INC.	\$1,500,000	91
RYDER SYSTEMS, INC.	\$842,290	87
RYDER SYSTEMS, INC.	\$2,327,456	
MHX, LLC	\$1,900,000	84
PAC ANCHOR TRANSPORTATION, INC.	\$2,300,000	79
VOLVO FINANCIAL SERVICES (QCD)	\$3,930,270	69
SEA LOGIX LLC	\$4,500,000	68
CMA CGM (AMERICA) LLC	\$3,892,925	62
CLEAN ENERGY	\$3,872,115	25

Table 3, above, represents the MSRC-TAC recommendation based on current funding availability. Projects above the line can be funded within the current MSRC funding allocation of \$14 million.

Backup List Funding: The MSRC-TAC recommends that the MSRC approve and in turn recommend to the MSRC that currently unallocated Clean Transportation Funding be applied to select projects on the backup list. Specifically, the Inland Ports Subcommittee recommends the following backup list funding as shown below in Table 4:

Table 4 – Inland Ports Subcommittee Recommendations for Backup List Funding

PROPOSER	MSRC FUNDING REQUEST
AMAZON LOGISTICS, INC.	\$4,157,710
4 GEN LOGISTICS	\$7,000,000
GREEN FLEET SYSTEMS LLC	\$500,000
PREMIUM TRANSPORTATION SERVICES, INC.	\$1,500,000
RYDER SYSTEMS, INC.	\$3,169,746
MHX, LLC	\$1,900,000
PAC ANCHOR TRANSPORTATION, INC.	\$2,300,000
VOLVO FINANCIAL SERVICES (QCD)	\$3,930,270
SEA LOGIX LLC	\$2,300,000
CMA CGM (AMERICA) LLC	\$1,946,463
CLEAN ENERGY	\$0
TOTAL MSRC FUNDING APPLIED TO #2021-07:	\$28,704,189

The MSRC-TAC recommends that the backup list associated with RFP #2021-07 be implemented as follows:

- The Subcommittee recommends that Sea Logix be awarded \$2,300,000 for the purchase of 23 near-zero heavy-duty trucks. At the time of proposal submittal, Sea Logix was only able to commit to approximately 71% of the truck trips being made to facilities within the

Inland Empire. However, the project was otherwise deemed meritorious and thus recommended for a scaled funding award in accordance with RFP #2021-07.

- The Subcommittee recommends that CMA CGM (America) receive a funding award up to 50% of the requested amount. While the proposal was complete, it had a lower cost-effectiveness and lower total score relative to the highest scoring proposals.
- The Inland Ports Subcommittee does not recommend an MSRC funding award to Clean Energy. Unfortunately, the essential commitments from fleets to utilize the new CNG facility were not available at the time of proposal submittal and evaluation. As such, the proposal was deemed incomplete and cannot be recommended for a funding award.

The total recommended funding for RFP #2021-07, including the backup list, is **\$28,704,189**. The additional amount of MSRC Clean Transportation Funding required to implement the backup list is **\$14,704,189**.

MSRC-TAC Recommendation: The MSRC-TAC recommends:

1. That the MSRC approve the MSRC-TAC's recommendation to award \$14,000,000 in MSRC Clean Transportation Funding as follows:

AMAZON LOGISTICS, INC.	\$4,157,710
4 GEN LOGISTICS	\$7,000,000
GREEN FLEET SYSTEMS LLC	\$500,000
PREMIUM TRANSPORTATION SERVICES, INC.	\$1,500,000
RYDER SYSTEMS, INC.	\$842,290

2. Further, that the MSRC approve and apply currently unallocated MSRC funds to the backup list as follows:

RYDER SYSTEMS, INC.	\$2,327,456
MHX, LLC	\$1,900,000
PAC ANCHOR TRANSPORTATION, INC.	\$2,300,000
VOLVO FINANCIAL SERVICES (QCD)	\$3,930,270
SEA LOGIX LLC	\$2,300,000
CMA CGM (AMERICA) LLC	\$1,946,463

AGENDA ITEM #8

Consider Partnership Opportunities and Potential MSRC Funding Commitments to Participate in the California Energy Commission's Research Hub for Electric Technologies in Truck Applications (RHETTA) Program

MSRC Agenda Item No. 8

DATE: March 18, 2021

FROM: Ray Gorski, MSRC Technical Advisor

SUBJECT: Consider Partnership Opportunities and Potential MSRC Funding Commitments to Participate in the California Energy Commission's *Research Hub for Electric Technologies in Truck Applications* (RHETTA) Program.

SYNOPSIS: The MSRC has received two (2) unsolicited proposals seeking to establish a partnership in pursuit of funding from the California Energy Commission (CEC) under the RHETTA Program. The Los Angeles Cleantech Incubator (LACI) with project partner the Transportation Electrification Partnership (TEP) requests \$2.0M in MSRC co-funding; the University of California Riverside (UCR) requests \$1.5M in MSRC co-funding. Both LACI-TEP and UCR request that: 1) the MSRC partner with that entity in the pursuit of RHETTA funding, 2) the MSRC commit co-funding in the amount specified above towards implementation of the RHETTA project proposed to the CEC, and 3) the MSRC provide a letter for inclusion in their proposal stating the MSRC's commitment of project co-funding.

RECOMMENDATION: Staff suggests the MSRC consider four options as outlined in the attached Staff Report.

**WORK PROGRAM
IMPACT:** **Clean Transportation Funding™** to participate under a RHETTA partnership would be allocated from a future (FY 2022 or beyond) MSRC Discretionary Fund Work Program.

Background: On December 17, 2020, the California Energy Commission (CEC) released solicitation GFO-20-306, Research Hub for Electric Technologies in Truck Applications (RHETTA). The purpose of this program is to fund Applied Research and Development and Technology

Demonstration and Deployment activities through the creation of a research hub focusing on electric technologies in truck applications. The research hub will engage stakeholders to advance high power charging systems and to plan, design, and deploy innovative corridor charging strategies that extend the range and increase the operational flexibility of battery electric trucks.

The amount of funding available under the CEC program is on the order of \$28M maximum. The CEC has stated that one (1) award is anticipated under the RHETTA Program.

Recently, the MSRC received two (2) unsolicited proposals seeking to establish a RHETTA partnership. Each proposal requests that: 1) the MSRC partner with that entity in the pursuit of RHETTA funding, 2) the MSRC commit co-funding towards implementation of the RHETTA project proposed to the CEC, and 3) the MSRC provide a letter for inclusion in their proposal stating the MSRC's commitment of project co-funding.

Proposals are due to the CEC no later than **5:00 pm on March 29, 2021**.

Unsolicited Proposals Received to Date: Two unsolicited proposals have been received to date. The unsolicited proposals were not available at the time the MSRC-TAC agenda was posted; thus, neither of the unsolicited proposals has undergone MSRC-TAC review and there is no MSRC-TAC recommendation at this time. This item is presented directly for MSRC consideration due to the March 29, 2021 proposal submittal deadline.

The following is a synopsis of each of the unsolicited proposals received. It is important to state that at the time of preparation of this staff report, the proposal teaming arrangements, cost proposals, and other relevant information was still under development by the entities seeking a partnership with the MSRC. Also, due to the competitive nature of the CEC RHETTA Program and the likelihood of a single award, certain competition sensitive information is omitted from this report.

Los Angeles Cleantech Incubator (LACI) and the Transportation Electrification Partnership (TEP)

- LACI-TEP seeks to partner with the MSRC in responding to the CEC RHETTA Program opportunity. Specifically, LACI-TECP seeks to establish a foundational project focused on building a regional network of advanced technology chargers to support battery-electric drayage operations along the I-710 and major freight arteries into the Inland Empire.

LACI requests that MSRC consider providing \$2,000,000 of match funding to help leverage the \$13,000,000 First Phase of the RHETTA project. MSRC's contribution would go specifically towards Phase 1, Task 3 Pilot Depot equipment deployment and leverage existing funds to allow for additional and larger electric vehicle charging depots, as shown below:

Phase 1	Task 1: Technology & Fleet Assessment
	Task 2: Advanced Charger Development
	Task 3: Pilot Depot Deployments
	Task 4: Phase 2 Planning
	Task 5: Knowledge Transfer and Guidebook Development
	Task 6: Phase 1 Review
Phase 2	Task 7: Corridor Rollout

LACI-TEP states that MSRC co-funding would allow the implementation of greater than the minimum of two pilot depots, as well as ensuring sufficient CEC funding for the energy optimization development for each depot. Additional potential partners providing cash or in-kind match specifically for Task 3 could include, but would not be limited to:

- Investor-owned utility
- Energy service provider
- Property developers
- California Energy Commission

The requested \$2M of MSRC funding would be matched with the \$13M provided by the CEC in Phase 1. If LACI's proposal is not awarded by the CEC, MSRC funds would cease to be committed.

University of California – Riverside (UCR) - This proposed partnership project, led by UC Riverside (UCR), will create a California research hub to facilitate and accelerate the transformative electrification of California's heavy-duty vehicle market along the heavily trafficked I-710 and I-10 freight corridor. The research hub, consisting of two EV truck charging sites, will demonstrate improved charging efficiency and cost-effectiveness by integrating the latest commercially-available DC fast charger (DCFC) technology with distributed energy resources (DERs) at both sites. DCFC and DER specifications will be determined through a stakeholder-driven assessment of fleet needs and strategies for utilizing DERs to mitigate grid impacts and reduce electricity costs. The UCR Team will also develop a new high-power charger prototype using an advanced silicon carbide topology, which will be ready for deployment in a Phase 2 public corridor charging network. The Team will widely disseminate project findings to guide future deployments.

UCR is requesting \$1.5M in MSRC co-funding to assist in installing DC fast chargers with distributed energy resources in the South Coast Air Basin.

The requested \$1.5M of MSRC funding would be matched with funding provided by the CEC. If UCR's proposal is not awarded by the CEC, MSRC funds would cease to be committed.

MSRC Work Program Year: Any funding the MSRC chooses to commit to a CEC RHETTA partnership opportunity would be an element of a future work program. The next MSRC funding cycle for fiscal year 2022 begins July 1, 2021. *Thus, a MSRC commitment of funding for RHETTA is obligating funding from a future Work Program year.*

Options for MSRC Consideration: The MSRC has options available to respond to the unsolicited proposals received:

1. Obligate future MSRC Discretionary Funding from a future year (predicated on the receipt of future DMV revenues and approval by South Coast AQMD Board) towards one or more unsolicited proposal entities. A Letter of Commitment would be prepared and provided to the proposer for inclusion in their proposal to the CEC;
2. Make no funding commitment at this time, but revisit a potential partnership once the CEC award is known. A formal proposal could then be requested from the successful proposer under a future work program;
3. Make a determination that participation in RHETTA is does not fall within the MSRC's future Work Program pursuits and take no action.

This item will be presented to the MSRC at the March 18, 2021 MSRC meeting.

AGENDA ITEM #9

2021-2022 Clean Fuels/Clean Technologies
Conference Calendar

Clean Fuels and Clean Technologies Conference Calendar for 2021 - 2022

March 2021

- Mar 1-3 5th International Conference on Fossil and Renewable Energy, Houston, TX., Website: <https://energy-conferences.com/>
- Mar 7-10 CRC Real World Emissions Workshop, Long Beach, CA., Website: <https://crcao.org/30th-crc-real-world-emissions-workshop/>
- Mar 9 VELOZ – Summit Series: Building Momentum Toward the 2035 Goal. Website: https://us02web.zoom.us/webinar/register/WN_Td4vMp1dTW-B-UxbM3qNrg**
- Mar 9-11 Next-Generation Battery Research (Advances in Chemical, Material & Electrochemical Engineering) Virtual, Website: <https://www.internationalbatteryseminar.com/battery-research>
- Mar 8-12 21st Anniversary Work Truck Show – Virtual/On-line Event, Website: <https://www.worktruckshow.com/WTS/2021-attendees/WTS/2021/Attendees.aspx?hkey=3a17c45a-27fb-4b27-81f0-e098db4bbfc5>

April 2021

- April 6-7 Electric Vehicles Battery Tech USA, Long Beach, CA., Website: <https://www.usa.battery-technology-conference.com/>
- April 20-22 Green Bus Summit, Virtual Event, Website: <https://greenbussummit.com/>**
- April 22-23 International Conference on Hybrid & Electric Vehicles, New York, NY., Website: <https://waset.org/hybrid-and-electric-vehicles-conference-in-april-2021-in-new-york>**
- Apr 22,23,27,28North American Carbon World Virtual Conference, Website: <https://www.nacwconference.com/>**

May 2021

- May 3-6 Electrification 2021-Enabling Efficient & Sustainable Solutions, Charlotte, NC., Website: <https://www.wraltechwire.com/event/electrification-2021/>
- May 4-5 Transform USA 2021 (Sustainable Transformation and Delivery), On-Line/On-Demand, Website: <https://reutersevents.com/events/transform-us/conference-agenda.php>**
- May 6-7 Sustainability Leadership Conference in Energy, Houston, TX., Website: <https://web.cvent.com/event/3593e42e-5121-4a2d-9a56-271ed8069e0c/summary>
- May 11-13 Air & Waste Management – Air Quality Measurement Methods & Technology Conference, San Diego, CA., Website: https://www.awma.org/ev_calendar_day.asp?date=5/11/2021&eventid=146
- May 24-26 Green Transportation Summit & Expo, Tacoma, WA., Website: <http://www.gtsummitexpo.socialenterprises.net/>

May 25-27 **Environment, Health & Safety Tech 2021, Fort Worth, TX., Website:**
<https://www.naem.org/events/read/2021/05/25/conferences/ehstech21>

June 2021

June 7-11 **Annual Merit Review & Peer Evaluation Meeting-U.S. DOE Hydrogen Program-Virtual Meeting – Website:** <https://www.annualmeritreview.energy.gov/>

June 8-10 **International Conference on Transportation & Development, Virtual Event, Website:**
<https://www.asce-ictd.org/>

June 22-24 **Sensors 2021 – San Jose, CA., Website:**
<https://www.sensorexpo.com/>

June 29-July 1 **2021 Conference on Sustainability & Emerging Transportation Technology, Irvine, CA., Website:** <https://www.nationalacademies.org/event/06-29-2021/2021-conference-on-sustainability-and-emerging-transportation-technology>

August 2021

Aug 9-11 **ICCE 2020 International Conference & Exhibition on Clean Energy, Ottawa, Canada, Website:** <https://icce2020.iaemm.com/>

Aug 12-13 **Electric Vehicles Battery Tech USA 2021, Long Beach, CA., Website:**
<https://www.usa.battery-technology-conference.com/>

Aug 16-18 **Green Transportation Summit, Tacoma, WA., Website:**
https://www.gtsummitexpo.socialenterprises.net/event_details/

Aug 17-20 **2021 World Fuel Cell Conference, Virtual, Website:** <https://www.iahe-fcd.org/wfcc2021>

Aug 19 **Women in Green Forum, Los Angeles, CA., Website:**
<https://www.eventbrite.com/e/11th-annual-women-in-green-forum-registration-88021826653>

Aug 30-Sept 2 **Advanced Clean Transportation Conference & Expo, Long Beach, CA., Website:**
<https://www.actexpo.com/>

September 2021

Sept 8-9 **16th Carbon Dioxide Utilization Summit, Montreal, Canada, Website:**
<https://www.wplgroup.com/aci/event/co2-canada/#:~:text=ACI%E2%80%99s%2016th%20Carbon%20Dioxide%20Utilization%20Summit%20will%20follow,on%20the%208th%20and%209th%20of%20September%202021.>

Sept 12-15 **International Hydrogen Conference, Jackson Lake Lodge, Moran, Wy., Website:**
<http://conferences.illinois.edu/hydrogen/registration.html>

Sept 14-16 **Motion + Power Technology Expo, St. Louis, MO., Website:**
<https://motionpowerexpo.com/about-the-show/>

Sept 14-16 **Electric & Hybrid Vehicle Technology Expo, Novi, MI., Website:**
<https://10times.com/electric-hybrid-vehicle>

- Sept 20-23 Hydrogen + Fuel Cell International, New Orleans, LA., Website:
<https://www.solarpowerinternational.com/hydrogen/>
- Sept 25-Oct 3 National Drive Electric Week – Various Locations, Website: <https://driveelectricweek.org/>
- Sept 28-30 North American Commercial Vehicles Show, Atlanta, GA., Website:**
<https://nacvshow.com/>

October 2021

- Oct 2-10 North American International Auto Show, (Pre-show dates: Sept 24-30) Detroit, MI.,
 Website: <https://naias.com/>
- Oct 6 California Clean Air Day, Website: www.cleanairday.org
- Oct 28-29 International Conference on Hydrogen & Fuel Cell Technology, Los Angeles, CA.,**
Website: <https://waset.org/hydrogen-and-fuel-cell-technology-conference-in-october-2021-in-los-angeles>

November 2021

- Nov 4 Green California Schools & Community Colleges Summit, Pasadena, CA., Website:
<https://10times.com/green-california-schools/reviews>

December 2021

- Dec 7-9 Advanced Automotive Battery Conference In-Person/Virtual, San Diego, CA.,**
Website: <https://www.advancedautobat.com/us/>

May 2022

- May 11-13 Air Sensors International Conference, Pasadena, CA., Website:
<https://asic.aqrc.ucdavis.edu/>
- May 17-19 Center for Advancing Research in Transportation Emissions, Energy & Health
 (CARTEEH) Transportation Air Quality and Health Symposium, Riverside, CA., Website:
<https://events.tti.tamu.edu/conference/2021-carteeh-symposium/>

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

Last updated 2/23/2021 **(Items in bold were recently added).**