



**MOBILE SOURCE AIR POLLUTION REDUCTION REVIEW COMMITTEE
MSRC AGENDA
Thursday, August 15, 2019 at 2:00 p.m.**

LOCATION

South Coast Air Quality Management District
21865 Copley Drive, Conf. Room CC8, Diamond Bar, CA 91765

TELECONFERENCE LOCATION

Los Angeles County MTA Headquarters, Henry Huntington Room, 3rd Floor
One Gateway Plaza, Los Angeles, CA 90012
(Public may attend at either of the above locations)

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

Brian Berkson
Representing Riverside County Transportation
Commission

Jack Kitowski, CARB Staff
Representing California Air Resources Board
Alternate: Michael Carter, CARB Staff

MSRC Vice-Chair

Greg Winterbottom
Member, Board of Directors, OCTA
Representing Orange County Transportation
Authority
Alternate: Tim Shaw, Chair, Board of Directors,
OCTA

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

Vacant
Representing Regional Rideshare Agency
Alternate: Dolores Roybal Saltarelli, MTA Staff

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

Rex Richardson
Member, SCAG Reg. Council
Representing Southern California Association of
Governments
Alternate: Meghan Sahli-Wells, Member, SCAG
Reg. Council

Members of the public may address this body concerning any agenda item before or during consideration of that item (Gov't. Code Section 548543.(a)). Please provide a Request to Address the Committee card to the Administrative Liaison if you wish to address the Committee on an agenda item. If no cards are available, please notify SCAQMD staff or a Committee Member of your desire to speak. All agendas for regular meetings are posted at District Headquarters, 21865 Copley Drive, Diamond Bar, California, at least 72 hours in advance of the regular meeting. Speakers may be limited to three (3) minutes each.

CALL TO ORDER

Opening Comments: Larry McCallon, MSRC Chair
Other MSRC Members
Naveen Berry, Asst. DEO/Science & Technology Advancement

CONSENT CALENDAR (Items 1 through 6)

Receive and Approve

1. Minutes of the April 18, May 16 and June 20, 2019 MSRC Meetings Cedillo,
p. 1
June 2019 minutes to be distributed at meeting.

2. Summary of Final Reports by MSRC Contractors Gorski,
p. 29
 - Orange County Transportation Authority, MS16112 (\$1,470,000 – Repower Up to 98 Transit Buses)
 - Southern California Regional Rail Authority (Metrolink), MS18010 (\$351,186 – Implement Special Metrolink Service to Union Station)
 - Los Angeles County MTA, MS18025 (\$1,324,560 – Special Bus and Train Service to Dodger Stadium)
 - Southern California Regional Rail Authority (Metrolink), MS18105 (\$252,696 – Special Train Service to the Festival of Lights)

Information Only - Receive and File

3. MSRC Contracts Administrator’s Report Ravenstein
p. 41
This report covers key issues addressed by MSRC staff, status of open contracts, and administrative scope changes from May 30 through July 24, 2019.

4. Financial Report on AB 2766 Discretionary Fund Kampa
p. 73
Financial Report for July 2019.

- 5. Consider Reduced Scope and Value and 26-Month Term Extension by City of Hemet, Contract #ML12043 (\$60,000 – Purchase Two Heavy-Duty CNG Vehicles)

Ravenstein
p. 74

The City requests to remove tasks and funding associated with the purchase of the CNG tractor truck. The City also requests a 26-month term extension due to delays associated with new Finance Department procedures. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL**

For Approval – As Recommended

- 6. Consider Revised Locations, Increasing Stations from Six to Twenty, and Two-Year Contract Term Extension by City of Eastvale, Contract #ML16040 (\$110,000 – Install EV Charging Infrastructure)

Ravenstein
p. 77

As a result of lower than anticipated costs and proposed changes in the proposed locations, the City requests to increase the number of stations to be installed from six (two limited access and four public access) to twenty public access. The City also requests a two-year extension due to the location changes. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL**

ACTION CALENDAR (Items 7 through 10)

FYs 2016-18 WORK PROGRAM

- 7. Consider Exercising Option with Geographics for Hosting and Maintenance of the MSRC Website

Ravenstein
p. 81

Geographics currently hosts and maintains the www.CleanTransportationFunding.org website they developed for the MSRC under Contract #MS18003. This contract includes an option for a two-year period. MSRC staff recently reviewed Geographics' performance, and found that not only had Geographics done a good job in developing the website, but they also were performing well in hosting and maintaining the site. MSRC staff recommends that the MSRC execute the option, increasing the contract amount by \$7,500. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL**

FYs 2018-21 WORK PROGRAM

- 8. Consider Application Received under the Major Event Center Transportation Program

Gorski,
p. 83

As an element of their FYs 2018-21 Work Program, the MSRC allocated \$6.5 million to fund projects assisting venues not sufficiently served by transportation service. A Program Announcement was released on April 5, 2019. To date, the MSRC has awarded a total of \$1,148,742. An additional application is being brought forward for consideration. Orange County Transportation Authority (OCTA) is requesting \$468,298 to implement express bus service to the Orange County Fair in Costa Mesa in 2019 and 2020. The Event Center Subcommittee recommends an award of \$468,298 to Metrolink to implement the special bus service. **EXCEPT FOR AN ABSTENTION BY MEMBER THORNE, THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL**

9. Consider Recommendation for Programmatic Outreach Services for the MSRC

York
p. 88

The MSRC approved release of a Request for Proposals for the solicitation of Programmatic Outreach Services for the MSRC. Two proposals were received in response to the RFP. An evaluation panel composed of MSRC TAC members has reviewed, scored and ranked each proposal submitted. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL OF A CONTRACT NOT TO EXCEED \$250,000 WITH BETTER WORLD GROUP ADVISORS**

10. Update on Timelines for MSRC’s Regional Goods Movement Program

Gorski

This item will provide a tentative timeline for each of the four goods movement-related subject matter areas established by the MSRC in June: Inland Ports (focused on distribution centers in the Inland Empire), Last Mile (focused on transportation following departure from distribution centers), Maritime Ports (focused on the Ports of Long Beach and Los Angeles), and Near-Zero Truck Cooperative (focused on creating a streamlined process to assist small businesses and encourage fleet turnover). The report may include updates on meetings with prospective stakeholders and targeted timeframes for bringing items to the MSRC for consideration.

OTHER BUSINESS

11. **Any member of the committee, on his or her own initiative or in response to questions posed by the public, may ask a question for clarification, may make a brief announcement or report on his or her own activities, provide a reference to staff regarding factual information, request staff to report back at a subsequent meeting concerning any matter, or may take action to direct staff to place a matter of business on a future agenda. (Govt. Code Section 54954.2)*

McCallon
p. 92

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

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

ADJOURNMENT

NEXT MEETING: Date: September 19, 2019, 2:00 p.m., Room CC8

Americans with Disabilities Act

The agenda and documents in the agenda packet will be made available, upon request, in appropriate alternative formats to assist persons with a disability (Govt. Code Section 54954.2(a)). Disability-related accommodations will also be made available to allow participation in the MSRC meeting. Any accommodations must be requested as soon as practicable. Requests will be accommodated to the extent feasible. Please contact 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 prior to the meeting for public review at the South Coast Air Quality Management District, Public Information Center, 21865 Copley Drive, Diamond Bar, CA 91765.

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 *****

AGENDA ITEM #1

Minutes of the April 18 and May 16, 2019
MSRC Meetings



MOBILE SOURCE AIR POLLUTION REDUCTION REVIEW COMMITTEE
THURSDAY, APRIL 18, 2019 MEETING MINUTES
21865 Copley Drive, Diamond, Bar, CA 91765 - Conference Room CC-8

MEMBERS PRESENT:

(Chair) Larry McCallon, representing SBCTA
(Vice-Chair) Greg Winterbottom, representing OCTA
Brian Berkson, representing RCTC
Jack Kitowski, representing California Air Resources Board
Dolores Roybal Saltarelli (Alt.), representing Regional Rideshare Agency (via conf. call)
Meghan Sahli-Wells, (Alt.), representing SCAG (via conf. call)

MEMBERS ABSENT:

Ben Benoit, representing SCAQMD
Rex Richardson, representing SCAG
Steve Veres, representing Los Angeles County MTA

MSRC-TAC MEMBERS PRESENT:

Rongsheng Luo, representing SCAG
Kelly Lynn, representing SBCTA

SCAQMD STAFF & CONTRACTORS

Leah Alfaro, MSRC Contracts Assistant
Daphne Hsu, Senior Deputy District Counsel
John Kampa, Financial Analyst
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 2:00 p.m.

Roll call was taken at the start of the meeting. The following members and alternates were present: BRIAN BERKSON, JACK KITOWSKI, LARRY MCCALLON, DOLORES ROYBAL SALTARELLI, MEGHAN SAHLI-WELLS, GREG WINTERBOTTOM

- Opening Comments

There were no opening comments.

- STATUS REPORT

Cynthia Ravenstein, MSRC Contracts Administrator reported Copies of the Clean Transportation Policy Update were distributed at the meeting.

MSRC Chair Larry McCallon stated for the record that for Agenda Item #2, he does not have any financial interest, but is required to identify that he is on the Transportation Committee for the Southern California Association of Governments, which is involved in this item.

MSRC Alternate 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 Member of the Board of Directors for the Southern California Regional Rail Authority, which is involved in this item.

CONSENT CALENDAR (Items 1 through 6)

Receive and Approve Items

Agenda Item #1 – Minutes for the February 21, 2019 MSRC Meeting

The minutes of the February 21, 2019 MSRC meeting were included in the agenda package.

ON MOTION BY MSRC VICE CHAIR GREG WINTERBOTTOM AND SECONDED BY MSRC MEMBER BRIAN BERKSON, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #1 THROUGH #6, THE MSRC UNANIMOUSLY APPROVED THE FEBRUARY 21, 2019 MEETING MINUTES.

AYES: BERKSON, KITOWSKI, SAHLI-WELLS, ROYBAL SALTARELLI,
WINTERBOTTOM, MCCALLON.
NOES: NONE.

ACTION: Staff will include the February 21, 2019 minutes in the MSRC Committee Report for the May 3, 2019 SCAQMD Board meeting, and place a copy on the MSRC's website.

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

The MSRC received and approved a final report summary this month, as follows:

- Walnut Valley Unified School District, Contract #MS16097 which provided \$250,000 to expand CNG station & modify maintenance facility.

ON MOTION BY MSRC VICE CHAIR GREG WINTERBOTTOM AND SECONDED BY MSRC MEMBER BRIAN BERKSON, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #1 THROUGH #6, THE MSRC UNANIMOUSLY APPROVED THE FINAL REPORT LISTED ABOVE.

AYES: BERKSON, KITOWSKI, SAHLI-WELLS, ROYBAL SALTARELLI,
WINTERBOTTOM, MCCALLON.
NOES: NONE.

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

Information Only - Receive and File

Agenda Item #3 – MSRC Contracts Administrator's Report

The MSRC AB 2766 Contracts Administrator's Report for February 28 through March 27, 2019 was included in the agenda package.

ON MOTION BY MSRC VICE CHAIR GREG WINTERBOTTOM AND SECONDED BY MSRC MEMBER BRIAN BERKSON, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #1 THROUGH #6, THE MSRC UNANIMOUSLY VOTED TO RECEIVE AND FILE THE CONTRACTS ADMINISTRATOR'S REPORT FOR FEBRUARY 28 THROUGH MARCH 27, 2019.

AYES: BERKSON, KITOWSKI, SAHLI-WELLS, ROYBAL SALTARELLI,
WINTERBOTTOM, MCCALLON.
NOES: NONE.

ACTION: Staff will include the MSRC Contracts Administrator's Report in the MSRC Committee Report for the May 3, 2019 SCAQMD Board meeting.

Agenda Item #4 – Financial Report on AB 2766 Discretionary Fund

A financial report on the AB 2766 Discretionary Fund for March 2019 was included in the agenda package.

ON MOTION BY MSRC VICE CHAIR GREG WINTERBOTTOM AND SECONDED BY MSRC MEMBER BRIAN BERKSON, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #1 THROUGH #6, THE MSRC UNANIMOUSLY VOTED TO RECEIVE AND FILE THE FINANCIAL REPORT FOR THE PERIOD ENDING march 2019.

AYES: BERKSON, KITOWSKI, SAHLI-WELLS, ROYBAL SALTARELLI, WINTERBOTTOM, MCCALLON.

NOES: NONE.

ACTION: No further action is required.

For Approval – As Recommended

Agenda Item #5 – Consider Four-Month Term Extension for the County of Los Angeles, Contract #ML14030 (\$425,000 – Bicycle Racks, Outreach & Education)

The County requests a four-month term extension due to delays associated with concerns over the grade of stainless steel used in the original equipment delivered. THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL.

ON MOTION BY MSRC VICE-CHAIR GREG WINTERBOTTOM, AND SECONDED BY MSRC MEMBER REX RICHARDSON, MSRC UNANIMOUSLY VOTED TO APPROVE THE NO-COST TERM EXTENSION FOR THE COUNTY OF LOS ANGELES, CONTRACT #ML14030.

AYES: BENOIT, MCCALLON, RICHARDSON, ROYBAL SALTARELLI, VERES, WINTERBOTTOM.

NOES: NONE.

ACTION: MSRC Staff will amend the above contract accordingly.

Agenda Item #6 – Consider Eighteen-Month Term Extension for the City of Moreno Valley, Contract #ML16041 (\$20,000 – Install EV Charging Stations)

The City requests an eighteen-month extension due to a proposed switch of one of the locations to become part of a larger project including solar carport structures at its City Hall Annex Building parking lot. THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL.

ON MOTION BY MSRC VICE-CHAIR GREG WINTERBOTTOM, AND SECONDED BY MSRC MEMBER REX RICHARDSON, MSRC UNANIMOUSLY VOTED TO APPROVE THE NO-COST TERM EXTENSION FOR THE CITY OF MORENO VALLEY, CONTRACT #ML16041.

AYES: BENOIT, MCCALLON, RICHARDSON, ROYBAL SALTARELLI, VERES,
WINTERBOTTOM.
NOES: NONE.

ACTION: MSRC Staff will amend the above contract accordingly.

Agenda Item #7 – Consider Reduced Scope and Value by City of Paramount, Contract #ML18053 (\$72,580 – Install EV Charging Stations)

The City was awarded funding to install two public-access and three limited-access EV charging stations. They have encountered higher than anticipated costs associated with ensuring Americans with Disabilities Act compliance for the two stations to be installed on their properties. The City requests to reduce the number of stations to be installed from five to three, of which all three would now be publicly accessible, with a corresponding contract value reduction from \$72,580 to \$64,675. THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL.

ON MOTION BY MSRC VICE-CHAIR GREG WINTERBOTTOM, AND
SECONDED BY MSRC MEMBER REX RICHARDSON, MSRC
UNANIMOUSLY VOTED TO APPROVE THE SCOPE AND CONTRACT
VALUE REDUCTION.

AYES: BENOIT, MCCALLON, RICHARDSON, ROYBAL SALTARELLI, VERES,
WINTERBOTTOM.
NOES: NONE.

ACTION: MSRC Staff will amend the above contract accordingly.

Agenda Item #8 – Consider Contract Replacement for the County of Los Angeles, Contract #ML14060 (\$104,400 – Install EV Charging Stations)

Due to the expiration of the County's prior contract, the County requests a contract replacement to complete the scope of work for this project. THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL.

ON MOTION BY MSRC VICE-CHAIR GREG WINTERBOTTOM, AND
SECONDED BY MSRC MEMBER REX RICHARDSON, MSRC
UNANIMOUSLY VOTED TO APPROVE THE CONTRACT REPLACEMENT
FOR THE COUNTY OF LOS ANGELES, CONTRACT #ML14060.

AYES: BENOIT, MCCALLON, RICHARDSON, ROYBAL SALTARELLI, VERES,
WINTERBOTTOM.
NOES: NONE.

ACTION: This item will be considered by the SCAQMD Board at its March 1, 2019 meeting.

Agenda Item #9 – Consider Contract Replacement for the County of Los Angeles, Contract #ML14093 (\$150,000 – San Gabriel Bike Trail Underpass Improvements)

Due to the expiration of the County's prior contract, the County requests a contract replacement to complete the scope of work for this project. THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL.

ON MOTION BY MSRC VICE-CHAIR GREG WINTERBOTTOM, AND SECONDED BY MSRC MEMBER REX RICHARDSON, MSRC UNANIMOUSLY VOTED TO APPROVE THE CONTRACT REPLACEMENT FOR COUNTY OF LOS ANGELES, CONTRACT #ML14093.

AYES: BENOIT, MCCALLON, RICHARDSON, ROYBAL SALTARELLI, VERES, WINTERBOTTOM.

NOES: NONE.

ACTION: This item will be considered by the SCAQMD Board at its March 1, 2019 meeting.

[MSRC Alternate Brian Berkson arrived at 2:06 p.m.]

ACTION CALENDAR (Items 10 through 12)

FYs 2016-18 WORK PROGRAM

Agenda Item #10 – Consider Recommendations from MSRC-TAC for New FYs 2018-21 Work Program Concepts

Ray Gorski, MSRC Technical Advisor, reported that at the last meeting the MSRC approved a three-year Work Program with a value of \$64.2 million for FYs 2018-21. FY 2018 commenced on July 1, 2018. The MSRC-TAC was given the task to bring back options relative to a large scale, regionally significant program. The \$64.2 million will be allocated through this program as well as the potential continuation of Work Program elements which have been implemented previously by the MSRC. Finally, there is also the potential for new currently unidentified Work Program elements to be included within that overall budget. The TAC was tasked to develop program options that the MSRC could take the lead in implementing, identifying external funding opportunities and partnerships which could be forged, and to develop an action plan. The TAC has been very hard at work over the last four weeks, with several hours of thoughtful deliberations at the subcommittee and committee level. They debated the potential options that could be included under a regional program. Under Agenda Item #12 there is a recommendation for the continuation of a previously implemented Work Program category, the Major Event Center Transportation Program. We also engaged the Outreach Coordinator and they are ready to hit the ground running at the direction of the MSRC.

There are three Regional Program concepts to present to you today. Two of them were identified at the MSRC meeting last month. The first is a Regional Goods Movement Clean Corridor Program. The key elements would be the deployment of zero and near zero emission vehicles at and between the Ports--the ports of entry and the inland ports, which are the warehouse

distribution centers, which are primarily located within the Inland Empire. This would entail the demonstration of zero emission freight technologies as well as the expansion of commercially available natural gas trucks. It would include both infrastructure as well as the vehicles, and it would have multiple partners including the Ports; the regulatory agencies such as the California Air Resources Board and the California Energy Commission--which we view as potential funding partners; licensed motor carriers, those that move the containers between the ports of entry and the inland ports; distribution centers, which are located out in the Inland Empire; and the infrastructure providers, as well as the Outreach Coordinator, to help facilitate having this type of a program put together.

Three relative ranking attributes for each option are (1) the complexity; (2) the timeline to implement; and (3) to what degree it supports the South Coast Air Quality Management District's Air Quality Management Plan (AQMP), which was adopted by the SCAQMD Governing Board back in 2016-2017. The reason I am suggesting that the Regional Goods Movement Program would have a relatively high level of complexity is simply the number of potential partners which would be involved in a program like this. We have relationships with all the entities; the South Coast AQMD has significant relationships with all the entities. It's simply a matter of bringing all the players to the table. It would take some time but it's certainly doable. The timeline to implement would be high and there are a couple of key reasons. Infrastructure has a long lead time and that is whether it's a natural gas refueling station, hydrogen refueling station or even a simple electric vehicle charging station. It all typically has to go through a public process, permitting, inspection, etc. We need to recognize that with a commitment today to implement a program like this, the result won't be seen within six months. Finally, we get to how this supports the SCAQMD's goals as articulated in the AQMP. The AQMP has as its primary objective the increase in the number of zero and near zero emission vehicles which are deployed within the South Coast region, especially those which are used in the vocation of goods movement. So, this is really directly in support of the AQMP goals.

Concept #2 is what we'll call the EV Ready Electric School Bus Program. It would be a program to help school districts prepare for the coming of zero emission school buses. It would have a primary focus on education and a secondary focus on infrastructure. It also has the potential to include vehicle deployments because we do have electric school buses commercially entering the marketplace. From a complexity standpoint, this would have middle-of-the-road complexity. We have a good idea who the school districts are. They all operate in a somewhat similar manner. The deployment of zero emission vehicles is absolutely in keeping with the AQMP. But the vehicles that they will primarily displace are already natural gas buses. You're displacing an existing alternative fuel solution with a zero-emission solution. While there is an incremental air quality improvement, it's not going to be as great as if you replace an existing diesel tractor that's operating between the Port and the Inland ports.

Concept #3 is somewhat similar, but it would take approach #2 and expand it to communities throughout the South Coast region. This would be what we would call EV Ready Communities. It would have several of the same elements, in that it would focus on education and the deployment electric vehicle infrastructure to prepare for a larger number of electric vehicles to be coming within the next several years. There's an opportunity to partner with local governments as we've done under previously implemented Local Government Programs, as well as leverage other electric vehicle supply equipment revenue streams which are being made available through other agencies. From a complexity standpoint, it would not be really easy to work with that many

jurisdictions. We have 162 jurisdictions within the South Coast region. The timeline to implement would be pretty much the same as the other programs, things do take time and there would be an infrastructure element which would require long lead times. How does this support the SCAQMD's AQMP goals? It's somewhat in the middle. While this would certainly be moving the bar towards having greater numbers of zero emission vehicles, the types of vehicles which would probably be utilizing this infrastructure would be light-duty vehicles. Light-duty vehicles don't have the same emissions impact compared to the top categories as they're laid out within the AQMP. Those include diesel on road trucks, diesel off-road equipment and marine vessels. This Concept supports the proliferation of additional ZEVs, but it is not targeting the source categories that have been identified as the key for achieving clean air by 2023 and 2031.

These Concepts all have common themes. There's a need to leverage MSRC funds because these would be expensive programs to undertake, and we feel that if there's ever a time to go out and seek additional monies, that time is now. That's because of the efforts which are being put forth by the State of California through several programs including those under the administration of the Air Resources Board, California Energy Commission, Cal STA, etc. The program would need to utilize resources offered by the SCAQMD; the MSRC is not a legal entity, therefore they can't submit a proposal to the Air Resources Board to get funding, and someone would have to do that on our behalf. The shovel ready projects will probably be happening in 2021 or maybe a little later because they do take time to go through the regular public process. There's also a backlog currently for some of the technologies which we would want to demonstrate, for example the new near zero 11.9 liter Cummins engine. It's becoming very popular and there's currently a delay in acquiring those engines if you put your order today. Zero emission technologies always have a long lead. In reality, it's no different than any program that the MSRC undertakes. If you look at the timelines of contract schedules, between the time someone gets an award from the MSRC to the time they actually install that CNG refueling station, or acquire that transit bus, or they get that EV charger in, it is not happening within six months. It's happening within the time frames we're talking about for these Regional Programs.

The MSRC also charged the TAC to look at additional Work Program Categories. The TAC has an Event Center Subcommittee that's in progress. What we would like is, at the earliest convenience of the MSRC, to obtain some guidance and direction as how you would like us to continue to proceed. You don't necessarily have to pick only one program. If there was more than one program that you had an interest in, we could certainly put our effort to work on the primary program. But because of the timelines we're talking about, we could also start planning and gathering information for the follow-on program, which could be implemented in a couple of years. And we've already had meetings with the Better World Group Advisors, your Outreach Coordinator. Under Agenda Item #11 they've put together what their intentions and plans are, and the costs associated with that. They're engaged and ready to hit the ground running.

MSRC Chair Larry McCallon commented, my personal view is that the Regional Goods Movement Clean Corridor is one that's badly needed. I like it from the standpoint that it's fuel neutral as opposed to choosing one over another, and it's something that directly affects the Inland Empire which we serve. I think it's a program that as you said, has high value in many other areas too. So, I'm very supportive of us moving in that direction if the rest of the MSRC is.

MSRC Ben Benoit commented I completely agree. I guess the only part where I might deviate is, Goods Movement actually affects us all way down to the Port and back. The impact especially in

our environmental justice communities down by the Port is huge. If we can just get 10% of those trucks driving out of that Port electrified, that's not only an impact on those communities but an impact to our Air District across the board. We talked about the number of tons coming out of that one category in the past. I think we have an opportunity here to start moving the needle in that category unlike any other time previously. Technology is just about to ripen, especially with the Tesla trucks coming online, and the other electric trucks that can be right behind them between Cummins and the others. I see this as a huge opportunity to move that needle in that regard and from the Air District standpoint, I think it's huge.

MSRC Vice Chair Greg Winterbottom asked we took a trip to the ports a long time ago, what are we doing now with any of that information? Mr. Gorski replied the good news is there is now a focus on goods movement from the regional basis. Looking at the Regional Transportation Plan, the work that's being done at SCAG, there's a big focus on trying to identify Goods Movement not only on a long haul basis but also on a short haul basis and even for the first and last miles, meaning that there are opportunities under the program to not only do the Class 8 tractors, but there are advancing technologies for the vehicles that take that product and deliver it. From the warehouse those containers get broken down and then they get distributed using smaller vehicles. So I really feel that if we designed this correctly, we can demonstrate the near zero and zero emission technology vehicles, not only between the Ports and the Inland Empire but also throughout the region as advanced technology smaller trucks pick up those goods and take them to the retail outlets. We will do a complete survey of what is going on in Goods Movement within this region. Who has the money? What projects are being demonstrated? Who's demonstrating them? That's something that the Ports have expressed an interest in seeing and I think the MSRC would be positioned to take the lead on that immediately and lay out exactly what is going on and that will help us identify the holes and the immediate next steps.

MSRC Member Rex Richardson commented Regional Program Concept #1 seems like it has consensus at this table and I certainly would agree that should be a priority program. Our SCAG counterparts reminded us that SCAG has the Go Zone Programs, so we should consider that as a strategy of the program. I'd like to learn more as we progress about the process you talked about, how to engage those partners and stakeholders. And I want to think about maybe adding some community voices to that process if we're going to be deploying resources. Why not much focus on the commuter traffic? MSRC Member Ben Benoit responded right now when you look at a commuter car, even a gas-powered commuter car, the delta between that gas-powered car and an EV, is not huge. We can throw a lot of money at it and not get a lot of change. The other thing is, there are a lot of people out there right now doing it on their own. What we aren't seeing, other than very few demonstration projects, is electrification or really clean natural gas trucks in quantity. If we can help push that up over the hump, to get it rolling on its own, I think that's the focus. Mr. Richardson responds that makes sense, the higher impact, this is the area that needs more focus. I think we need to think about the gaps that exist. Not many people can afford the electric vehicles. EV readiness is not really something happening in communities that are typically traditionally impacted by environmental problems because there's not a financial reality or economic reality. What is real for those communities are community colleges, workforce, whether where there's a density of jobs--those are real and a lot of times they count on public transportation. There is significant work on cleaning up those bus routes and trains, so where are the gaps? Where are the areas that the last mile technologies are still not meeting? It was exciting to hear about last mile technologies such as bike-share and scooters. The majority of them were deployed on a market based model, not an equity based model. They went to Long Beach--there's

bikes are everywhere, and in downtown Long Beach there are scooters. Where the Blue Line is, it makes a lot of sense, but nothing in the areas that are not adjacent to the Blue Line. Most of the programs have no equity requirements. So, could we think about a program where we look at a collaboration between transit agencies and economic institutions to say, if you streamline your bus routes to get people to college faster and it's electric we'll help you evaluate the process and streamline it? There's been analysis across LA County about these areas where it's difficult to access workforce education centers for adults, which essentially contributes to low educational attainment and the need for a car. I'm on board with Concept #1, absolutely. But if we're thinking about another program for later, we have to talk about meeting some of the gaps in the last mile stuff. Mr. Gorski replied absolutely, we can do that. Most of the bigger construction companies know how to engage with the programs to get the rebates on the trucks. Who's not engaging those programs are the small trucking companies and minority-owned businesses--single guys. They are not complying with a lot of things, they're parking in our neighborhoods, still going here to there. They don't have fuel programs. They're buying fuel at the truck stops, which have the highest mark up on fuel. It's a game of pennies and they're the ones rolling into our neighborhoods and our schools. Where we can incentivize getting those guys connected to cleaner fueled trucks, there could be more benefits on the ground.

MSRC Alternate Brian Berkson commented I don't know exactly how the technology has progressed up to this point, but we all see drones out there and we all heard the stories of Amazon someday delivering packages right to the house, which would eliminate virtually all the carbon footprints. The question is, is this the appropriate time or do we need to wait a few years to see how that technology progresses? MSRC Chair Larry McCallon replied I would think that's probably not within this timeframe. And certainly right now, when you order something from Amazon, it could be a rental truck or a guy in a car is delivering it. That's one of the things that we're dealing with in terms of the indirect source rule that SCAQMD's talking about--the warehouses, and looking at the business models and the kinds of trucks that are used in terms of trying to reduce the pollution footprint.

Mr. Berkson added in our city we recently approved a TA Truck Stop. It was a much contested situation, but one of the key factors that I found helpful to support that project was that every single semi-truck spot is going to have an electric plug-in. That is huge, in my eyes, because now you've taken trucks off the streets that were previously all over our city idling all night long because they don't have a place to plug in. Maybe we look at some kind of a program that invests in parking lots with electric plug-ins so that we would be able to get some of these trucks to turn off for several hours a day.

MSRC Member Rex Richardson commented some of the trucks have Auxiliary Power Units (APUs). An APU allows them to turn off the truck and not have to idle. It's a little machine that just keeps the heater going or keeps the AC going; it costs about \$3,000 to \$5,000 to put on a truck. Independent operators, if it's not built on the truck, they don't go retrofit and that's one of the biggest issues in communities surrounding trucking. If they had a simple incentive of \$2,500 and they knew where they could pull up and put an APU on their truck for \$500, they would invest in it. Mr. Berkson replied that's the kind of thing we should be looking at. Ray Gorski, MSRC Technical Advisor added the MSRC has in the past funded and supported truck stop electrification. This is going back several years, but it was it for exactly the reasons you articulated--to allow trucks to turn off their engines and still operate their essential services, including HVAC and anything else if they're going to be there for a long time. There's a prohibition in the Health &

Safety Code, at least the interpretation, that MSRC is not able to utilize their monies to fund, for example, transportation refrigeration units (TRUs). That said, we can work with our legal staff to determine if there's a nexus between that and increased emissions by having that mobile source engine idle for a long period of time, we can take that under consideration too.

MSRC Member Ben Benoit commented this Concept #1 came out of the mind of Dan York, the MSRC-TAC Chair. He's an engineer, and one of the concepts we talked about was at those truck stops like you're referring to could there be 5 EV Chargers? Not only would you be electrifying the DC that truck would not be idling. The APUs are mostly diesel generators.

MSRC Member Steve Veres commented on Concept #1, we're basically looking at movement between port and warehouse, is there any conversation about how we go from warehouse to local? I know it's a bigger truck to take it from port to warehouse, but then there's also a smaller truck or smaller delivery type vehicle that takes final locations. For Concept #2, I'm looking at a focus principally for education infrastructure. What's the jump going from a diesel bus to an EV and how much is out there to do it? We've done lots of work over the years to convert to natural gas. For Concept #3, have we given any thought or discussion into all the rideshare apps out there? What can we do with these rideshare apps and encouraging some of those drivers to go to a cleaner vehicle? Or it may be just that they're idling around neighborhoods waiting. Ray Gorski, MSRC Technical Advisor replied staff has been remiss in focusing too much only on the goods movement between the port and the warehouse distribution centers because there definitely is another component. There's considerable amount of work from a technology perspective being done on the Class 5 through 7 vehicles. SCAQMD has been strongly advocating the use of zero emission vehicles in many cases as products are delivered to local retail outlets. So, there's definitely a component here which we can pursue, in addition to the port or inland port route, looking at using clean technology to have those goods delivered from the distribution warehouses to the retail outlets. That absolutely will be something that we don't miss again, it will be included in the overall program scope. With regard to your question on Concept #2, the difference between diesel and zero emission buses, while there are still a limited number of diesel school buses operating within the South Coast region, that is a very small number. The majority of those buses are in fact now natural gas fueled. The certifications of the various engines are: zero emission buses, of course zero; and the newest technology near zero emissions school buses are certified to 0.02 g/bhp-hr. If you look at a non near zero bus, it's still natural gas at 0.2 g/bhp-hr. Currently the majority of the vehicles are operating at the 0.2 g/bhp/hr NO_x level. The near zero are operating at 90 percent lower than that and then of course the zero goes that little extra increment. From an overall effectiveness standpoint, the primary issue with school buses is on an average annual mileage basis, they are rather limited compared to commercially operated vehicles. They don't have quite the rigorous duty cycle. The primary point is that the school bus fleet within the South Coast has already taken great strides in cleaning up their emissions. There have been huge investments by the AQMD, the MSRC, and the California Energy Commission as well as the Air Resources Board buying down the cost of school buses and that's been going on for over a decade. The next increment will be transitioning to zero but as far as the source category is concerned, it's not as critical compared to the less regulated fleets which are operating older vehicles which operate on diesel fuel. Relative to the proliferation of Ubers, Lyfts and other shared ride services, that's something that is a whole Work Program unto itself because the explosive rate at which they've entered the marketplace and their popularity and the attractiveness as a source of income for individuals. There are a lot of drivers out there and they are orbiting around key venues looking for their next fare. How we address that, I personally don't know but I do know that folks

like our Transportation Commissions including LA Metro, which serves on this Committee, are looking very strongly at this. What are the excess emissions which are being produced? SCAG through their future Community Programs is also looking at that. It's part of the MSRC-funded effort. There's been proposed legislation to mandate that some of these shared ride services go to clean technology vehicles, including hybrids and electric. It's definitely an issue, it's probably one that's going to be getting worse as opposed to better in the immediate future, but through regulatory and other incentives, maybe there's an opportunity at some point in the future to implement programs which focus on how to reduce emissions from these shared ride services.

Mr. Veres commented regarding the EV School Bus program, I felt like as I was listening to you, you were talking me out of my support of this concept because of the challenges that you laid out. I wonder why it's in the top three categories. Mr. Gorski replied the reason that #2 was included as a category was because there's a belief that at some point school districts are going to become more regulated, either at the state level or at the local level. At some point they're going to be told to transition their fleets to zero emissions and this category would anticipate a future state or local regulatory action which could be viewed as an unfunded mandate. However, school districts would not have the necessary experience, knowledge or potentially financial resources to accomplish that. Mr. Veres added to follow up on the rideshare app conversation, does that require some further action from us or is it something that we can check in on with LA Metro to discuss at a working group or how would you approach that issue? Mr. Gorski replied that is definitely an item which the MSRC-TAC can undertake through the subcommittee process. We can work with the membership of the MSRC-TAC, which includes all four county transportation commissions.

Naveen Berry commented Ray has done a really commendable job assessing all three concepts with respect to the AQMP goals. Your ranking is right in line with the SCAQMD's thinking and what our Board is thinking. In Concept #1 we would perhaps include renewable fuels. On Concept #2, especially for the infrastructure part, perhaps include coordination with public utilities, like Edison or LADWP, and leveraging their programs that may already be available would be beneficial. And on the EV Ready Communities, are you looking at Level 2 and/or a mix of Level 3 chargers? Ray Gorski, MSRC Technical Advisor replied it will definitely be a mixture of Level 2 and DC Fast Chargers.

MSRC Chair Larry McCallon asked are you envisioning that we would attack all three of these? Ray Gorski, MSRC Technical Advisor replied the MSRC-TAC is seeking your guidance for picking one. However, the MSRC-TAC wanted to ensure that I convey that they're very flexible. If there's a desire to take one as the primary focus but also to set the stage for potential future programs for one of the others, we will be more than happy to do that. Mr. McCallon replied taking on one of these, especially the Regional Goods Movement Clean Corridor, is going to take up more than enough of your time and resources. MSRC Member Ben Benoit added there's so many things we discussed about Concept #1, outside of just what's here. MSRC Alternate Brian Berkson commented based on this long lead time, the money that we're setting up for this program, are we just going to let it sit in a pot and wait for years until companies are ready to act on this. Mr. McCallon replied we have other parts of the program going on. We have other things such as the Major Event Centers Program that we're going to do too; it's not all the money reserved for this program. Mr. Gorski added you're paying out today the money which was allocated three to four years ago. Irrespective of whether it's a big program or a single charger station at one of our local cities, there's a timeline. And between the date that the Governing Board approves the MSRC's Work Program and the date that payment is authorized, is not six months.

MSRC Member Rex Richardson questioned when will this program likely go into effect? Mr. Gorski replied this program will have multiple elements, some that can be implemented sooner than others. The longest lead items will probably be the implementation of hydrogen refueling stations to support an increasing number of fuel cell electric trucks. This relates to the demonstrations which are being conducted by Toyota and they're also doing some work with putting in fueling stations. It's a potential that the MSRC may choose to have an organization like theirs be one of the partners on this program and expand the current program that Toyota's doing. As you bring this forward, you're going to see there are going to be a lot of opportunities like that, with the MSRC coming in and working with a partner, to expand a program which is now just being initiated. That will allow the MSRC to get that money out there quicker because some of that legwork is already being done. Mr. Richardson commented at some point the process I want to figure out how to do something really unique and special within this program around the economic inclusion portion of this conversation. We learned from the clean trucks programs out of the ports that the small businesses which are largely owned by the people of color, and the drivers themselves, have a difficult time accessing most programs. If as a part of this we were to partner and create a purchasing consortium, then the consortium could pass incentives down directly to these folks. And then maybe we could work with a local workforce agency, who profiles companies who are ready, and we bring them in, hold their hands and we pilot this. Something like this in this program early shouldn't take a lot to craft but that's something that I think will get local communities a little more interested. Mr. Gorski replied I could do it right now. I could work with Naveen Berry because SCAQMD has, or at least will have very shortly, programs such as the Voucher Incentive Program (VIP) which assist fleets with 10 or less vehicles. The MSRC could set another set of requirements that say if you're an independent owner operator or truck that hauls drayage out of the ports of Los Angeles and if you're included in the Drayage Truck Registry, you can come in and work with the District and the MSRC to secure grant funding from the District under their VIP program and that would be matched with monies from the MSRC. That would, in all honesty, pay for over two-thirds of a brand-new near zero truck right off the top. Mr. Richardson added if we just coupled that, with the hand-holding that's necessary to bring people. Mr. Berry added on the VIP program, we do that hand holding. We help the small operators through the application process and go through all the reporting process with them. We have had that program for at last 10 years. MSRC-TAC Member Vicki White added it's their contractual relationships with dealerships. The dealerships are the ones who help the small owners. Mr. Gorski added the MSRC has the discretion and flexibility to put any requirements, conditions, constraints on the program. They can target specific operators, in this case drayage trucks. There are programs which have everything already in place.

ACTION: No further action required.

Agenda Item #11 – Authorize Research and Outreach in Support of FYs 2018-21 Work Program Development

Cynthia Ravenstein, MSRC Contracts Administrator reported the TAC talked about engaging the MSRC's Programmatic Outreach Coordinator, the Better World Group Advisors (BWGA). Without knowing exactly what the focus is going to be, BWGA had to come up with a bit of a generic initial effort that they think is going to be needed to be able to hit the ground running. Because with the idea of wanting to leverage funds and once you know what the program area is,

then there needs to be an assessment of what funding is already out there that relates to this. Who are the people that MSRC may need to engage with, both at the state and local regional level, and potentially have meetings with? They came up with an estimate for this first stage of assessing what the landscape is and coming up with an initial outreach plan to coordinate with agency representatives and other policymakers. There is funding available under their contract. This is aside from their regular tasks, this is funding that was not allocated to a specific task. The estimated cost for this initial effort is \$9,850. The information was not available in time for MSRC-TAC, so it was not considered at the TAC meeting. There's not a recommendation coming forward, but I would be seeking the MSRC's authorization to issue a task order to the Better World Group Advisors to conduct this initial effort in supporting the Large Scale Program.

ON MOTION BY MSRC VICE-CHAIR GREG WINTERBOTTOM, AND
SECONDED BY MSRC MEMBER REX RICHARDSON, MSRC
UNANIMOUSLY VOTED TO AUTHORIZE A TASK ORDER TO THE
BETTER WORLD GROUP ADVISORS IN THE AMOUNT OF \$9,850.

AYES: BENOIT, BERKSON, KITOWSKI, MCCALLON, ROYBAL SALTARELLI,
VERES, WINTERBOTTOM, YAMARONE.

NOES: NONE

ACTION: MSRC staff will issue the Task Order as directed.

Agenda Item #12 – Consider Development of Follow-On Major Event Center Transportation Program

Ray Gorski, MSRC Technical Advisor, reported that the MSRC-TAC discussed additional Work Program categories and again Major Event Center rose as the first priority. We formed a subcommittee, and staff prepared a white paper to both initiate and stimulate the discussion amongst subcommittee members. We've had two subcommittee meetings to date and there's a third one planned for next week. This is a work in progress. The committee focus is really two things: 1) to achieve verifiable emission reductions for the investment that the MSRC makes; and 2) to improve the overall cost-effectiveness for the MSRCs investment. We know how to implement an Event Center Program because MSRC has done it continuously since 2010. However, there's a desire on the part of the TAC to look at the program and make necessary modifications to ensure that the projects do have verifiable emission reductions and improve the overall cost-effectiveness. The MSRC-TAC has not taken final action; however, the subcommittee process has resulted in several preliminary recommendations. One is to take a pause from heavy rail at this time. The rationale there is that we have had many rail programs implemented by the MSRC over the last few years and there have been difficulties experienced with those programs. We have been unable to secure, on behalf of the MSRCs investment, what we believe is a quantifiable air quality benefit. We understand the reasons. That's why I used the word pause, because if we can go in and take corrective action, at some point there might be an opportunity to continue those programs. One of them is to demonstrate even cleaner locomotives at Metrolink beyond Tier 4. We're going to have some discussions with technology providers in the very near term and see if there's the potential to actually do a demonstration program for our Event Center using a Metrolink train which is retrofitted with an emission control system that's going to clean the emissions significantly beyond those which are achievable for Tier 4 locomotive.

Secondly, require that the transportation vehicles that do participate in the program meet the near zero CARB standard, this is 0.02 g/bhp-hr NOx. Right now, the program requires 2010 standards. 2010 is almost a decade ago, and technology has advanced over the last 10 years and because this is a cleaner program, it's felt that we should be utilizing vehicles which meet the current CARB low emission standards. That's going to be a new requirement. Thirdly, show a nexus to other existing public transit. If there's public transit which is already operating, whether it be an SCRRA Metrolink locomotive or an MTA Transit bus, if people would use that existing transportation to access the event center transportation, we get to count all the miles which they displaced by not driving their car. Because existing transportation is running anyway, and if they can get on at their origin spot and take the Red Line into Union Station and then hop on a bus to go to the sports venue, then the trip we've eliminated is not just the distance traveled by that shuttle, it's the entire length of that trip. You get much better cost-effectiveness and emission reductions if you can link multiple public transit routes with the Event Center Program. That's going to be a focus on the next one.

So, the final remaining element, which we're still discussing, is to improve the overall cost-effectiveness. We're having good dialogue, but at the end of the day what we intend to bring back to you would be a new Work Program element. It would be similar to your previously implemented one, but it would raise the bar on the quality of the transportation which provides the service, it would increase the utilization of existing public transit in addition to the Event Center Transportation, and it would give you a more cost-effective program because we're going to go in and make sure that the relative contributions from the MSRC and the project implementers are equitable.

MSRC Alternate Mark Yamarone stated regarding the Dodger Stadium Express, we have the Major League Baseball season starting on March 28th. And what we're looking for is, we would like to be able to submit our application compliant with everything that the TAC and subcommittee has come up with and agreeing to meet what's developed under the fourth criterion. Just a quick reminder based on Ray Gorski's analysis at our Retreat, the Express exceeds all these criteria, under total emissions, it's produced five times greater emissions reductions than the second closest one. We are gearing up for this, producing all the marketing that MSRC brands as the sponsor of this. We like the ability to submit the application, so that it can be evaluated under what the group comes up with, but to be considered by the board in March, so that we are able to coincide with the opening of the service on March 28th.

MSRC Chair Larry McCallon asked whether Metro would agree to abide by any and all recommendations made by the TAC? Mr. Yamarone responded yes, we would like to submit the application and it would be evaluated on what the TAC adopts. Mr. McCallon asked whether Metro agrees to potentially follow all negotiations to revise their proposed project prior to contract execution? Mr. Yamarone responded yes.

MSRC Member Steve Veres commented just having been a part of a few of these kickoffs for the program since it's been implemented, it really is important to have a program settled and functioning at the beginning of the year because it really sets the standard for fans throughout the entire year. So, if the program is successful, the fans get a good exposure, expectation and understanding. Even if they drove to the game on opening day, for example, or during a preseason game, they know the program is in place. I think the timing of it is actually important in the conversation because not having it in place in the beginning interrupts the service and the impact

of the service throughout the entire year. Metro is certainly willing to modify based on final requirements here.

ON MOTION BY MSRC VICE-CHAIR GREG WINTERBOTTOM, AND SECONDED BY MSRC MEMBER BEN BENOIT, MSRC UNANIMOUSLY VOTED TO ALLOW LOS ANGELES COUNTY METROPOLITAN AUTHORITY (METRO) TO SUBMIT THEIR APPLICATION FOR DODGER STADIUM EXPRESS SERVICE FOR CONSIDERATION BY THE MSRC AT THEIR MARCH 2019 MEETING, UNDER THE CONDITION THAT METRO AGREES TO ABIDE BY ALL RECOMMENDATIONS RESULTING FROM THE MSRC-TAC PROCESS AND THEY AGREE TO POTENTIAL NEGOTIATIONS TO REVISE THEIR PROPOSED PROJECT PRIOR TO CONTRACT EXECUTION.

AYES: BENOIT, BERKSON, KITOWSKI, MCCALLON, ROYBAL SALTARELLI, VERES, WINTERBOTTOM, YAMARONE.

NOES: NONE

ACTION: No further action is required.

Agenda Item #13 – 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 3:15 p.m.

NEXT MEETING

Thursday, March 21, 2019 at 2:00 p.m., Room CC8.



MOBILE SOURCE AIR POLLUTION REDUCTION REVIEW COMMITTEE
THURSDAY, MAY 16, 2019 MEETING MINUTES
21865 Copley Drive, Diamond, Bar, CA 91765 - Conference Room CC-8

MEMBERS PRESENT:

(Chair) Larry McCallon, representing SBCTA
(Vice-Chair) Greg Winterbottom, representing OCTA
Brian Berkson, representing RCTC
Jack Kitowski, representing California Air Resources Board
Dolores Roybal Saltarelli (Alt.), representing Regional Rideshare Agency (via v/c)
Meghan Sahli-Wells, (Alt.), representing SCAG (via v/c)
Mark Yamarone (Alt.), representing Los Angeles County MTA (via v/c)

MEMBERS ABSENT:

Ben Benoit, representing SCAQMD
Rex Richardson, representing SCAG
Steve Veres, representing Los Angeles County MTA

MSRC-TAC MEMBERS PRESENT:

Rongsheng Luo, representing SCAG
Kelly Lynn, representing SBCTA

OTHERS PRESENT:

Rubin Aronin, Better World Group Advisors (via v/c)
Denise Arriana, OCTA
Lauren Dunlap, SoCalGas/Sempra
Sam Emmerson, Better World Group Advisors (via v/c)
Ric Teano, OCTA
Terenig Topjian, Have-A-Go
Louis Zhao, OCTA

SCAQMD STAFF & CONTRACTORS

Leah Alfaro, MSRC Contracts Assistant
Naveen Berry, Asst. Deputy Executive Officer
Ray Gorski, MSRC Technical Advisor-Contractor
Daphne Hsu, Senior Deputy District Counsel
John Kampa, Financial Analyst
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 2:00 p.m.

Roll call was taken at the start of the meeting. The following members and alternates were present: BRIAN BERKSON, JACK KITOWSKI, LARRY MCCALLON, DOLORES ROYBAL SALTARELLI, MEGHAN SAHLI-WELLS, GREG WINTERBOTTOM, MARK YAMARONE

- Opening Comments

MSRC Vice Chair Greg Winterbottom stated for the record that for Agenda Item #6, he does not have any financial interest, but is required to identify that he is a member of the Board of Directors for the Orange County Transportation Authority, which is involved in this item.

- Election of MSRC Chair and Vice-Chair

Nominations for the Chair and Vice-Chair positions were opened.

A motion from MSRC Vice-Chair Greg Winterbottom, and seconded by MSRC Member Brian Berkson, nominated MSRC Chair Larry McCallon to serve as Chair for another term.

No further nominations were offered, so nominations for Chair were closed.

THE MSRC UNANIMOUSLY VOTED TO APPROVE THE ABOVE NOMINATION. AYES: BERKSON, KITOWSKI, MCCALLON, ROYBAL SALTARELLI, SAHLI-WELLS, WINTERBOTTOM, YAMARONE. NOES: NONE.

A motion from MSRC Member Brian Berkson and seconded by MSRC Chair Larry McCallon nominated MSRC Vice-Chair Greg Winterbottom to serve as Vice-Chair for another term.

No further nominations were offered, so nominations for Vice-Chair were closed.

THE MSRC UNANIMOUSLY VOTED TO APPROVE THE ABOVE NOMINATION. AYES: BERKSON, KITOWSKI, MCCALLON, ROYBAL SALTARELLI, SAHLI-WELLS, WINTERBOTTOM, YAMARONE. NOES: NONE.

CONSENT CALENDAR (Items 1 through 3)

Receive and Approve Items

Agenda Item #1 – Minutes for the March 21 and April 18, 2019, MSRC Meetings

The minutes of the March 21 and April 18, 2019, MSRC meetings were not yet ready and therefore were pulled from the agenda.

Agenda Item #2 – MSRC Contracts Administrator's Report

The MSRC AB 2766 Contracts Administrator's Report for March 28 through April 24, 2019 was included in the agenda package.

ON MOTION BY MSRC MEMBER BRIAN BERKSON AND SECONDED BY MSRC VICE-CHAIR GREG WINTERBOTTOM, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #2 THROUGH #3, THE MSRC UNANIMOUSLY VOTED TO RECEIVE AND FILE THE CONTRACTS ADMINISTRATOR'S REPORT FOR MARCH 28 THROUGH APRIL 24, 2019.

AYES: BERKSON, KITOWSKI, MCCALLON, ROYBAL SALTARELLI, SAHLI-WELLS, WINTERBOTTOM, YAMARONE.

NOES: NONE.

ACTION: Staff will include the MSRC Contracts Administrator's Report in the MSRC Committee Report for the June 7, 2019, SCAQMD Board meeting.

Agenda Item #3 – Financial Report on AB 2766 Discretionary Fund

A financial report on the AB 2766 Discretionary Fund for April 2019 was included in the agenda package.

ON MOTION BY MSRC MEMBER BRIAN BERKSON AND SECONDED BY MSRC VICE-CHAIR GREG WINTERBOTTOM, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #2 THROUGH #3, THE MSRC UNANIMOUSLY VOTED TO RECEIVE AND FILE THE FINANCIAL REPORT FOR THE PERIOD ENDING APRIL 2019.

AYES: BERKSON, KITOWSKI, MCCALLON, ROYBAL SALTARELLI, SAHLI-WELLS, WINTERBOTTOM, YAMARONE.

NOES: NONE.

ACTION: No further action is required.

For Approval – As Recommended**Agenda Item #4 – Consider Nine-Month Term Extension for the City of Riverside, Contract #ML16034 (\$500,000 - Implement “Complete Streets” Project)**

The City of Riverside requests a nine-month extension due to delays associated with an unusually heavy rain season and multiple design change requests from property owners. THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL.

ON MOTION BY MSRC MEMBER BRIAN BERKSON AND SECONDED BY MSRC VICE-CHAIR GREG WINTERBOTTOM, MSRC UNANIMOUSLY VOTED TO APPROVE THE NO-COST TERM EXTENSION FOR THE CITY OF RIVERSIDE, CONTRACT # ML16034.
AYES: BERKSON, KITOWSKI, MCCALLON, ROYBAL SALTARELLI, SAHLI-WELLS, WINTERBOTTOM, YAMARONE.
NOES: NONE.

ACTION: MSRC Staff will amend the above contract accordingly.

Agenda Item #5 – Consider Engine Retention in Lieu of Scrapping for the City of Santa Monica, Contract #MS16115 (\$870,000 – Repower Transit Buses with Near-Zero Engines)

Rather than scrapping all 58 engines, the City requests to retain one engine to be used for training purposes. THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL.

ON MOTION BY MSRC MEMBER BRIAN BERKSON AND SECONDED BY MSRC VICE-CHAIR GREG WINTERBOTTOM, MSRC UNANIMOUSLY VOTED TO APPROVE THE ENGINE RETENTION IN LIEU OF SCRAPPING FOR THE CITY OF SANTA MONICA, CONTRACT #MS16115.
AYES: BERKSON, KITOWSKI, MCCALLON, ROYBAL SALTARELLI, SAHLI-WELLS, WINTERBOTTOM, YAMARONE.
NOES: NONE.

ACTION: MSRC Staff will amend the above contract accordingly.

Agenda Item #6 – Consider Reduced Scope and Value for the Orange County Transportation Authority (OCTA), Contract #MS16029 (\$851,883 – Regional Bikeway Projects)

For the San Juan Capistrano Bicycle Lanes Gap Closure Project, OCTA requests to reduce the number of segments supported by the MSRC from seven to five, with a corresponding reduction in funding from \$66,360 to \$61,113. Additionally, for the Lambert Road Bikeway, OCTA requests to eliminate the lighting and bicycle locker elements with a corresponding reduction in funding from \$51,023 to \$40,800. EXCEPT FOR AN ABSTENTION BY MEMBER CARDOSO, THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL

ON MOTION BY MSRC MEMBER BRIAN BERKSON AND SECONDED BY MSRC VICE-CHAIR GREG WINTERBOTTOM, MSRC UNANIMOUSLY VOTED TO APPROVE THE SCOPE AND CONTRACT VALUE REDUCTION.

AYES: BERKSON, KITOWSKI, MCCALLON, ROYBAL SALTARELLI, SAHLI-WELLS, WINTERBOTTOM, YAMARONE.

NOES: NONE.

ACTION: MSRC Staff will amend the above contract accordingly.

ACTION CALENDAR (Item 7)

FYs 2018-21 WORK PROGRAM

Agenda Item #7 – Update on Landscape for MSRC’s Regional Goods Movement Program (Better World Group Advisors)

Rubin Aronin, Better World Group Advisors, reported that Phase I took about six weeks to do a landscape analysis around this Regional Goods Movement Clean Corridor effort. The Ports of Los Angeles and Long Beach account for close to 40% of all the goods entering the U.S., despite the China tariffs. In California, the transportation of freight is the single largest contributor to diesel pollution NOx emissions. One of the challenges is that an increasing number of the trucks are delivering to these bigger and bigger warehouses throughout the Inland Empire. There is a need and opportunity to reduce truck emissions from those that are idling and doing last mile transport. We want to really dig into the warehouses and trucking companies in the Inland Empire as part of our Phase II recommendations.

For Phase I, we drilled in with some of the MSRC members and partner state and local regional agencies to get a better sense of the policy landscape. This was almost follow-up work from what we presented to you at the Retreat with regards to where state policy is going. Then we spent some time with some of the senior executives at the Ports of LA and Long Beach, Naveen Berry from South Coast AQMD, and staff from Edison. We also touched base with

my former boss, Matt Peterson and Michelle Kinman. Under the Los Angeles Cleantech Incubator (LACI), they are running the Transportation Electrification Partnership initiative supported by Mayor Garcetti and Mary Nichols and many other folks looking at how they can advance clean transportation in advance of the 2028 Olympics.

To set the table of where ARB is and where they're going, the Innovative Clean Transit Rule passed last December. This is mandating purchase of zero-emission transit buses over time, beginning in 2029. We wanted to really highlight the Advanced Clean Truck Rule that was just presented in a preliminary fashion in April. ARB staff will be formalizing a proposal that will come out in mid-October. It will be presented for information purposes at the December meeting and then likely the Board would be voting on it next year. It looks at almost all medium- and heavy-duty classes of trucks and takes different prescribed pathways with mandated percentage of vehicle sales requirements on the manufacturers, just like the light-duty ZEV mandate currently functions. That would begin to kick in 2024. In our conversations with Jack Kitowski and some of his staff, showcasing zero-emission trucks and the infrastructure that will be needed to support them would be particularly valuable in advance of the 2024 first compliance period, presuming that moves forward. In other activities, the zero-emission airport shuttle regulation is nearly finalized. They did not have a lot of current year funding plans that were still going to be identified from all of the agencies; they're fairly well cooked at this point. One recommendation for an opportunity for the MSRC, beyond the direct investments that you choose to make, is that all of the agencies that we talked to wanted to have a regular dialogue speaking about 2020 and beyond. In that time frame budgets are not yet set for various programs and the MSRC could provide a really compelling perspective of funding needs and also of your priorities where you are looking to invest and where you are needing additional state or other regional dollars. With regards to opportunities for engagement, first of all, across the board, there aren't sufficient incentives to mobilize the transition of heavy-duty vehicles to zero and near-zero-emission. In particular, there are gaps for off-road heavy-duty vehicles or truck refrigeration unit infrastructure, where there may be some constraints currently for MSRC funding. We want to do an analysis of current zero-emission forklift projects in the Inland Empire, both hydrogen and electric. Also there were a few recommendations to really look at where your dollars can benefit disadvantaged communities. Three of the ten designated AB 617 communities are within MSRC's jurisdiction and there could be some real opportunities to collaborate with South Coast and ARB around that.

With regards to the California Energy Commission's Alternative and Renewable Fuel and Vehicle Technology Program, that is largely developed for this year but they would welcome your input in an ongoing way. There is an investment plan opportunity going forward. The new Transportation Energy Commissioner, Patty Monahan, who we've worked with extensively for the last ten years in her capacity at the Energy Foundation, will be leading a lot of this thinking effort at the CEC as well. So there are some good opportunities in the future but probably not in the near-term.

I really want to thank Naveen Berry and his colleagues for teeing up some of the current and prospective South Coast programs, many of which were one-time funded, that could provide an interesting template for the MSRC immediately to help disadvantaged small operator truckers that don't have access to the capital to make some of these transitions. Naveen, with MSRC Member Rex Richardson, shared two meetings ago this idea of the triple trade down. The Carl Moyer Program currently prevents you from doing this triple trade, where you actually get a newer truck into the hands of a big operator and their 2014 or better truck could get stepped down to a small operator operating a pre-2008 truck and get commensurate emission benefits all through the supply chain. As your outreach coordinator, it was an appealing element of what we were looking at. If AB 216, called Gianni's Bill, gives more latitude to the Carl Moyer Program, there may be more discretion there, but it sounds like it's always an oversubscribed program generally and this may be something to look into.

With regards to the VW Mitigation Program, there are a couple of programs to highlight. The South Coast will be administering the Zero Emission Class 8 Freight and Port Drayage Trucks as well as this combustion freight initiative that's in development, looking at Class 7 and 8 Low NOx trucks. There's a thought leadership component where we want to figure out how MSRC can have some fingerprints on the design of future initiatives that could leverage additional dollars, whether or not the MSRC ultimately decides that that's a core element of your program design. Naveen also pointed out that the Bay Area Air Quality Management District is managing another Statewide VW Program, the Zero Emission Freight Program that's happening concurrently, that is another opportunity to further explore. Certainly, there are opportunities to continue to partner and collaborate and think through opportunities where the MSRC and South Coast AQMD are funding sources.

With regards to the California Transportation Commission, SB 1 funded the Trade Corridor Enhancement Program. Applications aren't coming up until 2020. Similarly, the Solutions for Congested Corridors Program has four years of funding. We think there's an opportunity if the MSRC was interested in looking at developing some of those post-2020 plans. With the opportunity to help the Transportation Commission think through some of those realistic sustainability initiatives, the MSRC could be a value-added regional voice in those discussions.

At the Ports of Los Angeles (LA) and Long Beach, we're actually waiting for a joint proposal of projects from them. You are aware of the greening of the Ports' commitments and there's lots of attention and lots of dollars that have been going towards that, but lots of gaps that still remain. It may be an area that you choose to begin on. Mary Leslie, the head of the Los Angeles Business Council, has been talking to the head of the LA Port about creating some new private sector financial instruments that could help with low-interest loans. Could we create a revolving incentive pool, as opposed to just the one-time incentives that aren't sufficient to the number of Port projects? So potentially that innovative financial product or research around something like that is something that we wanted to throw in the mix, in addition to the litany of projects that are happening: everything from the hydrogen fuel-cell truck demonstration project that Toyota is pioneering, battery-electric heavy-duty truck with Daimler, the low NOx natural gas truck deployment, warehouse solar arrays that are going to

power on-site electrical equipment and vehicles, and a host of projects at the Port of Long Beach. A lot of the off-road equipment at the Ports doesn't seem to have sufficient funding identified. That was one area that was particularly flagged as an opportunity to look at and we look forward, hopefully within the next week or two, to being able to provide a full list.

We briefly connected with Southern California Edison. They've got several hundred million dollars for Make Ready EV Infrastructure Programs, but there are many gaps. It's also unclear whether there is a plan along the 710 Corridor to look at where there could be charging outside the portfolio of Edison investments. They invited us to do some follow-up conversations to better understand their plan of attack for dispersing those dollars, particularly at the warehouses, and where there are gaps from the utility funding.

As I mentioned we met with Los Angeles Cleantech Incubator (LACI), and they just completed an analysis with manufacturers and with many of the state and regional agencies on the state of the market. On the electric side of it, there are different rates of progress from existing and startup companies. And a lot of pilot projects are going to be needed to prove the concepts and these should begin to evolve the marketplace. They've invited the MSRC to potentially be a formal or an informal stakeholder and we'll be connecting in the next week or so. As we think about the prism of the 28th Olympics and what the investment portfolio in the South Coast could look like, that's an interesting prism to look at. Generally they're trying to make investments in our region to reduce air pollution by 25% in the next ten years, which is an aggressive heavy lift. But it's a great pool of local and state thought leadership and manufacturers that are at the table and we think would be a useful peek, to get a snapshot on real-time technology developments from the zero-emission sector in particular.

We spent six weeks and we wanted to spend about twelve more really digging into some of these preliminary findings and the gaps in the outreach interview and research that we were able to conduct. The conclusions which start on page 16 of our report are more in-depth than these cursory pieces. We want to get this project list and a timeline over the next five years from the Ports of LA and Long Beach. We think there's an opportunity to get into that more significantly and see if there isn't a unique niche that the MSRC can fill, perhaps to elevate investments that would really benefit local truck drivers and the communities that are so impacted by truck traffic. The Clean Truck Trade program and the opportunities that could exist there were mentioned. We were encouraged by ARB, South Coast AQMD, and the Ports to look especially at off-road vehicles and equipment where there seems to be a big gap and a big delta of emissions reductions that can get closed if the technology can be deployed. We think it could pay off to spend time exploring opportunities beyond the agencies. So, beyond the LACI work, we would also work closely with John Boesel and the team at CalStart. Their members are most of the major manufacturers along with the California Electric Transportation Coalition, whose membership is the manufacturers and the utilities. They are both aggressive advocates in the space to help push state policy further but they also have their thumb on the pulse of a lot of gaps where there could be a need for funding, so that's one of the areas where we want to make sure that we spend more time. We've also poised to follow up both with advocates and electeds in the AB 617 communities. We think that there's a real opportunity to

tease out what particular investments could be made there. Amazon and other warehouses are other areas that we're really anxious to dig into, also, with your TAC. The Inland Empire is where the pollution resides and where more and more of these warehouses are going. Investing in refueling infrastructure and charging infrastructure is going to need to be figured out as well. So that's certainly something to dig into further.

There's follow-up that we recommend doing with the CEC, Edison, and Southern California Gas Company as well as the Los Angeles Department of Water and Power. And then through both the LACI project and some of our own outreach, there are charging and manufacturer companies that were not in the first phase of discussions. We have shared these findings with you and of course with your TAC and we're excited to work with them in the kind of division of priorities that they identified at their last meeting: Inland Ports, the Last Mile, Maritime Ports, and the Near-Zero Truck Cooperative.

MSRC Member Jack Kitowski asked regarding the discussion of that pilot program, how far along is that at this point? Has it launched or have you replaced vehicles in that program? Naveen Berry, Asst. Deputy Executive Officer replied we're doing the trade down with some U.S. EPA funds at the moment and we're looking at also EPA funds in combination with Carl Moyer to do the locomotive project. We have not implemented yet using state funds for that. Mr. Kitowski commented it's challenging. We've tried, it's a bit of the Holy Grail. Because what you're getting at here is the economics. Those who can afford a new truck, where the incentives are really focused, don't have the old truck that needs to be scrapped. If you want to get SIP credit from federal government, you have to scrap a truck at the end of this, so somehow you have to put those together and it is highly desirable to try and do that. We've tried to do it twice for trucks and once for particulate filters. All three of those had much less than we had hoped for results. It's just so administratively heavy and expensive. Basically, if anybody's giving up the truck, that first one, there are usually issues associated with it and you don't want to pass it down to the next user, so we've had a lot of challenges. We have a tractor trade down in San Joaquin Valley we're doing now and that has some fairly good success. So maybe there is an ability to turn the corner, but it is very labor-intensive to do that. Mr. Berry commented he couldn't agree more. We've gone through that exercise and what we're trying to do is to establish a protocol that can be followed and make sure that we can validate and verify that indeed the oldest truck has been scrapped. Our direction has been to explore this because there's remaining economic life left and the engine life as well. We want to make sure we explore an opportunity to not let that remaining economic life product be scrapped or destroyed, that's the motivation behind it. So, we're trying to establish a protocol where we can go back and verify and validate and then with the goal down the road to be able to demonstrate to ARB that we have the system down now.

MSRC Chair Larry McCallon asked what kind of program do you have for taking the trucks? Mr. Berry replied we're using U.S. EPA grants; they don't have the same type of concerns today. So, what we're doing is establishing our initial protocol based on that program. We started with 10 trucks were 2012 and newer trucks acquired locally. Those local fleets received brand-new near zero emission trucks with the 12 liter engine and those 2013 trucks

are now displacing 1998 to 2000, 2001 trucks up around the Seattle ports. It has not been easy, but certainly we're starting to learn some lessons on how to track and verify those. We ended up actually sending staff out there to verify and validate even though we contracted out with Puget Sound and trained their staff to do it, but we just want to make sure that everything was done. Mr. Kitowski added we're going to have to think strategically on how that multi-step program would work going forward. You may remember the Truck and Bus Rule starts a phase-out of anything that's older than 2010 starting in 2020 and it's going to be reinforced by DMV checks. So, they won't be able to register these vehicles and will basically need to be replaced all of them between 2020 and 2023. There is a kind of limited life on the much older ones they'll be scrapped or moved out of state on their own anyway. Mr. Berry added that's precisely what's motivating us to focus these efforts into the small independent owner-operators or mom and pop companies that have less than five trucks because they don't have a mechanism today or financing capability to start accelerating replacements to meet those requirements. So that's why it's really important that we look at this aspect, sooner rather than later. Mr. Kitowski added that the infrastructure which you mentioned is one of the areas to move on, that's an area that has certainly the utilities in that space, the Public Utilities Commission and CEC are in the space but it's the infrastructure that worries me more these days than the vehicles themselves. The vehicles and the technology seems to be evolving, and costs seem to be coming down. It looks like over the life cycle of the vehicle, the zero-emission electric vehicles will pay for themselves because they're cheaper to operate, there are Low Carbon Fuel Standard credits, and we have incentive programs to help bridge the gap in the upfront cost. It looks like over the life cycle of the vehicle, the zero-emission electric vehicles will pay for themselves because they're cheaper to operate, there are Low Carbon Fuel Standard credits, and we have incentive programs to help bridge the gap in the upfront cost. There are all these reasons why the vehicle and its higher initial upfront cost is not as big of a burden but fleets just don't know what to do about infrastructure, how to handle it, the time frame involved. There are a lot of people in the space, but it's still really intimidating and I'm guessing there are still going to be a lot of gaps and we're trying to figure out what to do ourselves in this space.

Mr. McCallon added being from San Bernardino County, I'm always interested in the warehousing, the trucks and the impact of things dealing with the warehouses such as the equipment used in the warehouses or infrastructure supporting the refueling at the warehouses. It certainly impacts the Inland Empire because South Coast AQMD is proposing an indirect source rule, which I oppose because of its impact on the warehouses. The business model and its ownership for each warehouse is a little different, so, it's a nightmare trying to deal with them.

Ray Gorski, MSRC Technical Advisor-Contractor commented to set the stage for your next meeting, your TAC heard the presentation from The Better World Group and had quite a robust discussion. During this month, your TAC is having additional, more internal discussions setting the stage for the material which will be presented to your committee next month. It's going to take this overall goods movement, broad air quality issue and try to break it down into more manageable pieces. There have been four which have been preliminarily

identified, but your TAC hasn't formally voted on them. Since they were already shown publicly, the four areas where we're looking to focus at least research attention to determine if there are viable partnerships that can be forged are: (1) the inland ports, that's looking at the warehouse distribution centers which are primarily in the Inland Empire.; (2) the maritime ports, as was alluded to, most the containers come in through the San Pedro Bay ports. They're doing a lot of work but there are other opportunities; (3) the last mile, that's looking mainly at those trucks which come into everyone's neighborhood to deliver goods, once the goods are broken down at the warehouse distribution centers; and (4) continuation of what the discussion has been with Naveen Berry and Jack Kitowski, looking at an issue, smaller truck owner operators, which was brought up by MSRC Member Rex Richardson a few months ago. Is there a program that can be put together to assist some of these smaller independent owner-operators of trucks that primarily do drayage out of San Pedro Bay ports? Is there an opportunity to collaboratively work with independent owner-operators of trucks to put them in a cleaner near-zero emission truck? Those are the four areas which will have subcommittees or working groups participate and come up and present some viable partnership opportunities. All groups would be looking at the vehicle technology, infrastructure and any operational improvements that can be made to make the operations more efficient. Next month, we will also be bringing forward for consideration this whole concept of working groups. Historically, the MSRC and the TAC have operated with subcommittees, typically comprised of members of the MSRC-TAC. Sometimes we have had members of the MSRC participate. What we're thinking, given the complexity, is we may want to open up to other participants. We will outreach to the members of the MSRC. We'll also probably have recommendations for inviting other key stakeholders, who bring specific expertise to the program and then additional South Coast AQMD staff, like John Kampa, who we believe can be extremely valuable on subcommittees, looking from the economic viability perspective.

ACTION: No further action is required.

Agenda Item #8 – Other Business

No other business was introduced.

PUBLIC COMMENT PERIOD

PUBLIC COMMENT: Terenig Topjian, founder of Have-A-Go. I'm working with LA Commotion and the Culver City Arts District. We're working on an Art Walk and Roll. It's an art and micro mobility festival. Last year, we had 15,000 folks attending. It was a major street closure. We're really interested in promoting first mile/last mile transportation. I wanted to throw out two ideas: (1) listening to some of the conversations about the last mile freight and goods movement, URB-E is a scooter company based in Pasadena. They're working with UPS to pilot a last mile kind of transportation for parcels and packages, in places where freight trucks or vans would have a hard time parking and delivering, making this much more

efficient, quicker and cost-effective. This is a potential idea for future consideration and funding; and (2) for the Art Walk, we're thinking about having a zero-emission fleet perhaps helping bring folks to the event because it's such a large event. There's local emissions concerns and parking concerns. We're thinking about how to get folks from the Metro to our event and from outside parking lots into the event.

ADJOURNMENT

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

NEXT MEETING

Thursday, June 20, 2019, at 2:00 p.m., Room CC8.

[Prepared by Penny Shaw Cedillo]

AGENDA ITEM #2

Summary of Final Reports by MSRC Contractors



MSRC Agenda Item No. 2

Date: August 15, 2019
From: Ray Gorski, MSRC Technical Advisor
Subject: Final Reports Received and Reviewed

Four (4) Final Reports have been submitted for MSRC review and approval:

- Orange County Transportation Authority, MS16112 (\$1,470,000 – Repower Up to 98 Transit Buses)
- Southern California Regional Rail Authority (Metrolink), MS18010 (\$351,186 – Implement Special Metrolink Service to Union Station)
- Los Angeles County MTA, MS18025 (\$1,324,560 – Special Bus and Train Service to Dodger Stadium)
- Southern California Regional Rail Authority (Metrolink), MS18105 (\$252,696 – Special Train Service to the Festival of Lights)

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

Contractor: Orange County Transportation Authority
Contract Number: MS16112
Contract Amount: \$1,470,000
Title: Repower of 98 Transit Buses with New Near-Zero Natural Gas Engines

Project Overview: OCTA was able to successfully install 98 Cummins Westport 8.9 Liter ISL G “near-zero” engines on its 40-foot transit buses. This engine campaign officially began August 15, 2016 with the first article engine being purchased and delivered to OCTA from Cummins Pacific, LLC. This first article engine was installed in a New Flyer CNG-powered 40-foot transit bus and, jointly Cummins Pacific LLC performed Cummins Quality Audit on the completed install.

On June 30, 2017 the remaining 97 Cummins Westport 8.9 Liter ISL G engines were purchased and delivered to OCTA along with engine warranties. Over the course of the engine campaign, OCTA’s Transit Technical Services team recorded the receipt of engines, progress of installation, maintenance, and performance of new engines. There were only a few minor issues to report that included an exhaust temperature sensor failure, a failure of the engine starter, a faulty coolant level sensor, and some engine oil dipsticks tubes that were installed incorrectly. Cummins investigated and repaired all issues in timely manner. There have also been very occasional problems with check engine lights with various engines codes being logged. Cummins has been performing warranty repairs on the engines in these buses on a case-by-case basis. The overall operational performance of the buses repowered with near-zero engines has been very good.

There were some issues with the completion and timeliness of the documentation provided by the contractor responsible for performing the engine destruction and documentation part of the repower project. Future agreements of this nature will need to include contractual language associated with stricter timelines for completion of the engine destructions, and additional project manager’s approvals prior to allowing the dismantlers to proceed with the final disposal of the destroyed engines. These steps will contribute to have additional safeguards, and timelines in place to ensure submitted documentation is in full compliance with existing AQMD guidelines for engine destructions.

Contractor: Southern California Regional Rail Authority (Metrolink)
Contract Number: MS18010
Contract Amount: \$351,186
Title: Implement Special Metrolink Rail Service in support of LA Rams Football

Project Overview: When the Rams returned to Los Angeles prior to the 2016-17 National Football League (NFL) season, they arranged to play their home games at the Los Angeles Memorial Coliseum while a permanent stadium is built in Inglewood. The Coliseum is a sports venue located directly west of the 1- 110 freeway and approximately three miles south of the 1-10/1-110 interchange, and is also known as the University of Southern California's home football stadium.

Seating capacity for Rams games is typically 70,000 and it is estimated 65,000 people attend the average home game. The total number of people in Expo Park during Rams games, however, typically exceeds the number of fans in the Coliseum. Other points of interest, such as the Natural History Museum of Los Angeles County, California Science Center and California African American Museum, remain open during Rams home games and attract numerous visitors.

The Coliseum and surrounding Exposition Park museums are accessible by public transportation. Both the Expo Park/USC and Expo/Vermont Stations on Metro's Expo Line is a five-minute walk from the stadium. Numerous bus services, including the Metro Silver Line, serve the area as well. Metrolink passengers arriving at L.A. Union Station can transfer for free to Metro Rail to attend Rams home games.

In 2016, Metrolink and its Member Agencies funded one additional LA Rams Football train on each of the San Bernardino, Orange, Antelope Valley and 91/Perris Valley lines to increase awareness of Metrolink train service and mitigate traffic impacts to the Exposition Park campus that includes the Coliseum. Ridership on the special Rams Trains service increased on all four lines for game days. Based on the success of the limited special service to the 2016 Rams games, Metrolink submitted a MSRC grant application for the 2017 and 2018 Rams special train service.

The MSRC awarded Metrolink, in partnership with the Los Angeles Memorial Coliseum, with a Major Event Center Transportation Program grant on October 20, 2017 in the amount of \$351,186 to operate four special trains from Oceanside, Lancaster, Perris-South and San Bernardino, respectively, to the 2017 and 2018 LA Rams home games.

The purpose of the project was to reduce the number of vehicles traveling on arterial freeways and mitigate traffic within the surrounding community impacted by the Rams game at the Los Angeles Memorial Coliseum by providing additional Metrolink trains to the football game.

As part of the grant criteria the new Tier 4 EMO F125 locomotives were to be used for the special train service. The Tier 4 engines are equipped with up to 25 percent more horsepower than previous locomotives, which will allow Metrolink to move people more efficiently, quickly, and reliably. These state-of-the art locomotives will reduce particulate matter and nitrogen oxide emissions by up to 85 percent compared to older models improving environmental benefits.

Metrolink's seamless free connections to partnering public transportation service providers, including Metro Rail, helped Rams fans decrease or eliminate car use from their journey to the Coliseum. Fans used local bus routes to reach their Metrolink station of origin or free parking offered at a majority of Metrolink stations. From there, Metrolink football trains transported fans to Union Station in Los Angeles.

At Union Station, fans used their paper Metrolink or mobile ticket to transfer to the Metro Rail system, boarding either the Red or Purple Line and then to the Expo Line at 7th Street/Metro Center. Fans exited at either the Expo Park/USC or Expo/Vermont Stations and walked a few blocks to the Coliseum. In total, the journey from Union Station to the Coliseum took about 30 minutes.

Metrolink, Metro and other transportation providers continued to operate after the conclusion of Rams games. The return trip to Union Station and Metrolink took between 45 to 60 minutes from the game allowing fans sufficient time to catch their train.

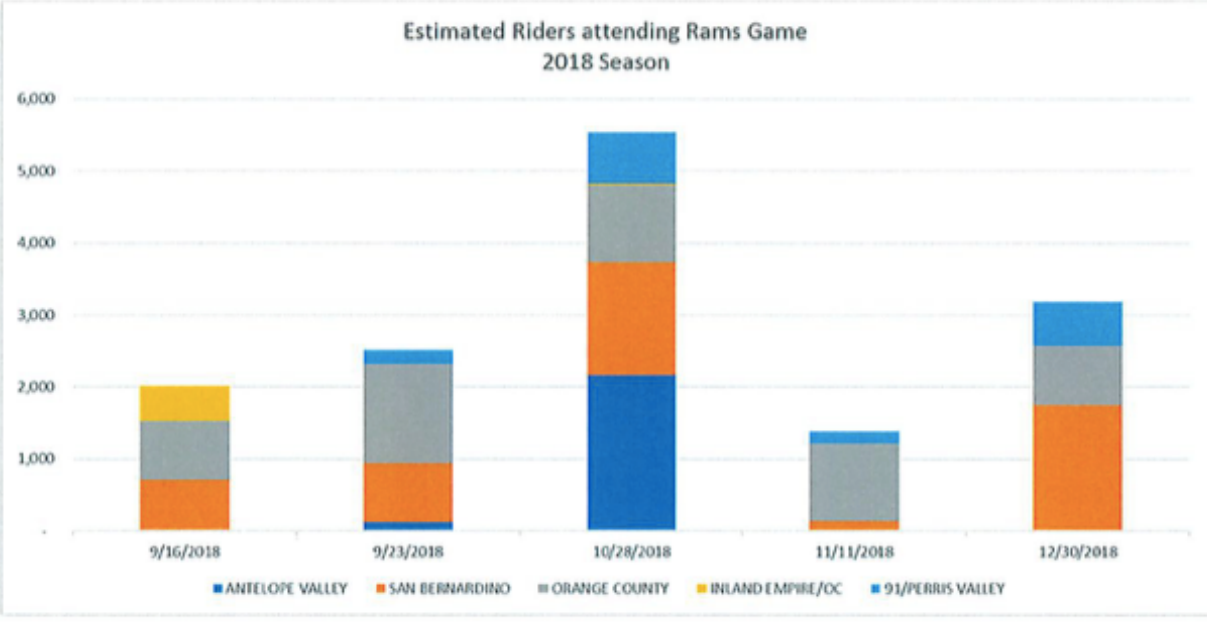
Offering special round trip train service to Los Angeles with free transportation connections to the Coliseum provided an incentive to encourage use of public transportation to football fans attending a major sporting event. Special train service funded by MSRC grants does influence commuter behavior of Southern California drivers to ride special train service to major events such as Rams games. There was a significant ridership increase on Metrolink trains during Rams game dates.

Metrolink operated special train service on its Antelope Valley, Orange County, San Bernardino and 91/Perris Valley Lines as part of its "Football Trains" schedule. The special Football Trains provided an additional round-trip for fans traveling on the four lines to the Rams game. Special Football Trains arrival and departure times were specifically designed around game start and end times.

Metrolink operated special train service for all seven of the Rams regular season home games in 2017 (the eighth "home" game was in London). Each game was held on a Sunday.

Metrolink and its participating Member Agencies - Los Angeles County Metropolitan Transportation Authority, Orange County Transportation Authority, San Bernardino County Transportation Authority and Riverside County Transportation Commission - executed a marketing and communications plan to increase awareness of special service Football Trains, develop a call to action to ride the Football Trains, build ridership and promote advocacy for public transportation as a convenient, safe and traffic-free way to attend the Rams football games.

Metrolink reports that for the 2018 Rams Football season overall Sunday Metrolink ridership increased approximately 31%. Ridership by game data and Line is shown in the following figure.



Contractor: Los Angeles County Metropolitan Transportation Authority (Metro)
Contract Number: MS18025
Contract Amount: \$1,324,560
Title: Implement the Dodgers Stadium Express Event Center Special Bus Service

Discussion: Dodger Stadium, home to the Los Angeles Dodgers Major League Baseball (MLB) team, is a sporting event venue located just north of Downtown Los Angeles. It is bordered by the communities of Solano Canyon, Echo Park, Chinatown, and Elysian Park. The maximum occupancy of Dodger Stadium is 56,000. The parking lot capacity is 20,000.

During each MLB season the stadium hosts near capacity crowds, with Dodger Stadium holding multiple records for the highest attendance in a season for approximately 82 scheduled home games and up to 10 post-season playoff games which are supported by the Dodger Stadium Express (DSE) service.

DSE service is used to mitigate the total gridlock situation encountered by attendees travelling to the stadium via Sunset Blvd. Sunset Blvd. is the main collector street that connects Vin Scully Ave. to the Dodger Stadium main gate. Average weekday PM peak hour LOS on Sunset Blvd. is level D (V/C = 0.879). The Los Angeles Department of Transportation (LADOT) has surveyed Sunset Blvd. on a game day, and the LOS is level F (V/C = 1.56).

For this contract period, the 2018 season opened on March 26, 2018. A total of two preseason and 82 home games were serviced, plus an additional eight (8)-post season games and two concerts during this contract period. The Dodgers were successful in attaining playoff status and advanced to the World Series for the second consecutive year.

The DSE route begins at the Northwest area of Union Station. Buses depart from a loading area that is signed specifically for the service. Signage is also posted throughout Union Station including; the main lobby at the Alameda St., the entrance to the Metro Gold Line interface at Tracks 1 & 2, along the Metro Red Line platform, at the various parking levels, and on way finding kiosks.

After departing Union Station, the route proceeds west on Cesar Chavez, stopping to pick up patrons on Cesar Chavez Ave. and under the Hills St. overpass, proceeding west on Sunset Blvd, the route turns north on Vin Scully Ave. For faster entry into the stadium, the bus route utilizes the guard shack lane for express lane entry.

In order to ease the flow of traffic, LADOT engineers install cones demarking the bus lane and separating travel from the regular flow of traffic. Only buses are permitted to travel in the westbound direction between 4:00 pm and 7:00 pm. The parking enforcement personnel post signage extending parking restrictions to 8:00 pm.

LADOT also uses traffic enforcement officers for ticketing and towing vehicles that violate the posted parking restrictions. Once the inbound movement has completed, the coning is removed at 8:00 pm. Typically, afternoon and evening games only require parking restrictions on the westbound side. On game days that have an earlier starting time, LADOT makes adjustments on parking restriction times

that affect both the westbound and eastbound directions. The program includes law enforcement personnel assisting in “clearing” the lanes throughout the inbound process.

Once inside Dodger Stadium, the route bears to the left utilizing a one-way inner ring roadway and proceeds to a specific alighting and boarding area at Lot G. The bus then continues on the one-way inner ring roadway to Lot P, at the upper deck level. This was a second stop implemented in 2014 to provide quick and easy access for upper deck/reserve deck fans to alight and board. Bus staging is also provided during the game, and allows for quick re-boarding for trips departing to Union Station. The return route during the game follows the same alignment as the trips to Dodger Stadium. The service from both lots travels out of Gate A (main gate on Vin Scully Drive) and travels along Cesar Chavez (stopping at Main St.) to Union Station.

Dodger fans holding pre-purchased tickets may ride to the stadium at no charge. Fans without game tickets may pay the regular Metro fare, or use other Metro prepaid media (day pass, weekly pass, monthly pass) to travel to the stadium.

Prior to each home stand, Dodger management provides Metro staff with an anticipated attendance level based on current ticket sales and projections based on a variety of factors. The number of buses used for the service varies based on an estimated attendance number. A minimum of seven (7) buses will be deployed for each game.

Beginning 90-120 minutes prior to the game start, buses operate on a “load-and-go” basis or every 10 minutes until the end of the second inning. Throughout the game, buses may travel between the stadium and stop approximately every 30 minutes from the third inning through the end of the seventh inning, at which time the frequency increases to 15-20 minutes. Buses are staged at the stadium to facilitate post game movement. Once the game is over, service is provided on a “load-and-go” basis.

Buses travel to Union Station and return back to Dodger Stadium for additional trips. The service continues operating up to 45 minutes after the game has ended.

Oftentimes, Dodgers will host special events at the Stadium (i.e. movie night, children running the bases, fireworks, etc.), service will continue to operate up to 20 minutes post special event or 45 minutes after the game has ended, whichever is greater.

Metrolink offered special train service on the Orange County line from Oceanside to Union Station when the Dodgers play against cross-town opponents, the Los Angeles Angels of Anaheim at Dodger Stadium. Metrolink trains depart from Union Station to Oceanside one hour after the last pitch.

New Flyer 40-foot low-floor buses were used for the event service. Each bus seats 38 passengers and accommodates an additional 17 standees (145% capacity). In addition, these buses are ADA compliant and can accommodate two (2) wheelchairs. The New Flyer bus is powered by a Compressed Natural Gas (CNG) Cummins ISL-G 320 8.9L engine.

Sunset Blvd. is the main collector street that connects Vin Scully Ave. to the Dodger Stadium main gate. Average weekday PM peak hour LOS on Sunset Blvd. is level D (V/C = 0.879). The Los Angeles Department of Transportation (LADOT) has surveyed Sunset Blvd. on a game day, and the LOS is level F

(V/C = 1.56).

Further reducing emission is the fact that the start point for the service is Union Station. Thirty-one (31) bus lines and five (5) rail lines serve Union Station including: Metro, Foothill Transit, OCTA, Santa Clarita Transit, LADOT, Big Blue Bus, LAX Fly Away, and Torrance Transit. This area includes the Patsaouras Transit Plaza (15 lines), intersection of Cesar E. Chavez and Vignes St. (9 lines), El Monte Busway and Alameda St. (5 lines) and Alameda and Main Streets (2 lines). Union Station is also served by Metrolink, Amtrak, and Metro Rail Red, Purple and Gold Lines.

During the 2018 baseball seasons, the DSE bus service carried 397,000 passengers. In addition, this service effectively reduced approximately 70,000 car trips and 3.88 million miles traveled. The majority of passengers that rode the DSE used public transportation to connect to this service at Union Station. Some fans came from as far away as Santa Barbara, San Diego, San Francisco, and the Central California region, including Modesto, Stockton, San Luis Obispo and Sacramento.

Metro staff has found that baseball fans are using transit more than ever to access the games. In 2010, 122,273 passengers rode the DSE to Dodger Stadium. By 2018, the passenger count increased to 304,862. This is an approximately 150% increase over the eight-year timeframe.

Estimated Emissions Reduction from 2018 Dodger Stadium Express

Air Pollutant	2018 Dodgers Season Tons Reduced
ROG	0.31
NO_x	0.30
CO	0.95
PM_{2.5}	0.25

Contractor: Southern California Regional Rail Authority (Metrolink)
Contract Number: MS18105
Contract Amount: \$252,696
Title: Implement Special Metrolink Rail Service in support of The Festival of Lights

Project Overview: The Festival of Lights is a family event center located in downtown Riverside at the Mission Inn and Spa and surrounding streets. The event location has close access to the 60, 215 and 91 freeways. The Riverside Festival of Lights is a time-honored tradition for generations of Southern California residents and beyond, attracting more than 500,000 visitors from all over the world each year. Attractions at the Riverside Festival of Lights include the Artisans Collective, lighted displays, rides, entertainment, food vendors, Santa Claus and much more.

The MSRC awarded Metrolink a MSRC Major Event Center Transportation Program grant in 2018 in the amount of \$252,696 to operate seven special trains on Friday and Saturday nights providing round-trip service from Oceanside and Los Angeles to the Riverside Festival of Lights.

The new Tier 4 locomotives were used for the special train service as a requirement for the grant. The purpose of the project was to reduce the number of vehicles traveling on freeways and mitigate traffic to the event by encouraging event attendees to take Metrolink train service to the Festival of Lights.

Metrolink, RCTC, OCTA, Metro, RTA and the Mission Inn and Spa began planning for the special train service in the July 2018 in preparation to submit a MSRC Major Event Center Transportation Program proposal. Staff met to review the train operations schedule and discuss marketing and advertising outreach to the community. The Metrolink Operations and Equipment departments confirmed availability of equipment and train crews to operate the special train schedules for the 2018 season. Based on high ridership and standing room only trains the previous year, the group decided to increase the special service by 133%.

The special service ran on Friday and Saturday nights from the season kick-off on November 23rd through December 5th. The special service ran from Oceanside and Los Angeles to the event. There was one inbound train from Los Angeles arriving at the Riverside – Downtown station at 4:31 p.m. and two outbound trains back to Los Angeles departing the Riverside – Downtown station at 8:45 p.m. and 9:00 p.m. There was one inbound train from Laguna Niguel/Mission Viejo arriving at Riverside – Downtown at 4:21 p.m. and one outbound train to Oceanside that departed Riverside – Downtown at 9:15 p.m. Once at the Riverside – Downtown station, RTA provided shuttle service to the Festival of Lights event, with ten shuttles on a constant rotation.

Metrolink was committed to increasing ridership on the train and removing vehicle trips for the annual Festival of Lights event season. The ridership strategy called for discounted tickets with children under 18 riding free. Metrolink, RCTC, OCTA, Metro, RTA, and the Mission Inn and Spa committed their support and resources to co-fund \$360,435 in marketing and advertising in 2017 to promote the special train service. Targeting a demographic of families, social media strategies were implemented for the special train service. All of the participating agencies used Facebook, Twitter and Instagram as well as other paid and traditional media to reach the audience with the hassle-free lower fare Metrolink option to attend the event.

Special Metrolink trains provided Festival of Lights attendees the opportunity to leave their cars at home and utilize public transportation to the event. The special service inbound train routes were from Los Angeles and Laguna Niguel/Mission Viejo to the Riverside – Downtown Station. The Los Angeles route ran along the 91/Perris Valley Line and included stops at Los Angeles Union Station, Norwalk/Santa Fe Springs, Buena Park, Fullerton, Corona – West, Corona – North Main, Riverside – La Sierra and Riverside - Downtown. The Laguna Niguel/Mission Viejo route ran along the Inland Empire/Orange County Line and included stops at Laguna Niguel/Mission Viejo, Irvine, Tustin, Santa Ana, Orange, Anaheim Canyon, Corona – West, Corona – North Main, Riverside - La Sierra and Riverside – Downtown. The special service outbound train routes were to Los Angeles along the same

route as the inbound trains, and to Oceanside along the same route as the Laguna Niguel/Mission Viejo trains making additional stops at San Juan Capistrano, San Clemente, San Clemente Pier and Oceanside. There were seven special trains operating each night of service, with fourteen special trains each weekend over four weekends. In total Metrolink operated 56 special trains, providing 17,000 available seats for all trains at 100% capacity. There were ten RTA shuttles that circulated the route from the Riverside – Downtown Metrolink station to the Festival of Lights event.

Service operations included all logistics to plan, develop, and implement the train service to the event. Starting in October, the Festival of Lights operational plan was discussed at the weekly Metrolink Interdepartmental meetings that also included ticket sales, logistical issues and staffing requirements. The Operations department was responsible for scheduling crews, coordinating with freight railroads and dispatching the special trains. The Equipment department coordinated the contractors to clean the trains, water and fuel the trains before their return trip.

The special Metrolink trains were scheduled to arrive at the Riverside - Downtown station by 4:31 p.m. Upon arrival at the station, Metrolink customer service and station security directed passengers to the RTA shuttles at the North and South sides of the station. At the end of each night, around 7:45 p.m. Metrolink customer service staff and station security directed passengers to their return trains.

All the special Festival of Lights trains arrived and departed as scheduled. No operational problems were encountered.

Metrolink reported that the Festival of Lights 2018 Season Ridership was 10,222 on the special service trains, a -9% decrease from 2017.

Promotion and Outreach:

The 2018 Festival of Lights Marketing Plan was designed to promote, educate and increase ridership on Metrolink Train Service and connectivity on its 91/Perris Valley Lines and IEOC Lines, and to reduce emissions by taking cars off the major arterial freeways into Downtown (91 Freeway, 215 and 60 Freeways) and by providing a special experience for current and new riders with the value of easily attending one of California's most fabulous holiday events.

Metrolink provided discounted tickets and a free children's promotional offer. The special event pricing was \$7.00 for adults and children 18 and under rode free, which was well received.

Most of the riders were traveling long distances from Los Angeles Union Station or Fullerton. For the Friday trains the regular adult round-trip fare from Los Angeles is \$26 and from Fullerton is \$20. This promotional fare is a significant step to introduce riders to the special events trains, but also gives new riders an opportunity to try Metrolink and potentially become regular riders throughout the year. This approach is a meaningful step to change travel behavior to more air quality friendly modes in Southern California. Metrolink and the project supporters including the Mission Inn Hotel, RTA, City of Riverside, RCTC, OCTA, and Metro actively promoted the Festival of Lights special service to the 2018 events. All entities collaborated and provided additional marketing and advertising support for the event utilizing their assets and communication channels. Promotions and marketing efforts by both Metrolink and the

supporters included:

- A. Print campaign
 - Station marketing: posters at Metrolink stations
 - Event Collateral: On board rack card style flyers and ticket brochures
 - Seat drops communicating about Metrolink access
- B. Website:
 - Metrolink rotating banner ad on home page
 - Metrolink dedicated splash page promoting special train service and ticket sales
 - Mission Inn and City of Riverside to add Metrolink creative to digital media buy (display/search engine marketing)
 - Mission Inn and City of Riverside to post a Metrolink homepage features on their websites.
 - Mission Inn to prominently list Metrolink service as a discount/free offer with a ticket purchase flow to promote special train ticket packaging
- C. Newsletters: (print and e-version)
 - Metrolink Matters (bi-monthly onboard trains and electronic version) 25,000 copies
 - Metrolink e-blast (49,000 subscribers)
 - Mission Inn and Spa monthly e-newsletter (80,000 subscribers)
 - Mission Inn to promote Metrolink train service via promotional emails (80,000 subscribers)
- D. Press releases
 - Metrolink
 - Mission Inn
 - City of Riverside
 - RCTC, OCTA, Metro
- E. Social media outreach
 - Facebook – posts and sponsored ads
 - Twitter
 - Instagram
 - Metrolink, Mission Inn, City of Riverside, RCTC, OCTA, Metro
 - Metrolink Matters Blog
- F. Promotional ticket pricing
 - Adults/Seniors - \$7
 - Children under 18 years - Free
- G. Radio/Pandora Campaign:
 - Mission Inn/City of Riverside to create Metrolink service-specific versions of its radio spots to run during the 2018 campaign.
- H. Outdoor Campaign:

- City of Riverside electronic marquee sign to include Metrolink train service bulletin at Riverside Downtown Marketplace and Riverside University Village and where available placed in rotation on with the City of Riverside message signs. Electronic signs at Union Station will also be available.
- Union Station (digital) East Portal Tower Ad
- I. Event Marketing:
 - Mission Inn to produce flyers and ticket brochures featuring Metrolink information at a variety of event activations
 - Pop Up Party on selected trains with swag and glow necklaces to give away
 - Community Outreach
 - Have station cities promote via websites and social media channels
 - Work with Board and Elected officials to promote service to event.

The marketing executed by our Member Agencies included: OCTA

- Collateral
 - Promotional flyers
 - Posters – 24” w x36” h
 - Banners – 36” h x60” w
- Digital
 - OCTA web: feature page, banner ad
 - Eblast
 - Paid Media – Facebook and Google Ads - \$4,000
 - Organic Facebook and Twitter posts
 - Press Release
 - Blog Article

RCTC

- Banners at all stations within Riverside County
- Distributed rack cards at stations and outreach events
- Website banner and blog posts
- Social media posts shared with station cities, local groups, colleges and universities

Metro

- Blog posts on “The Source”
- Metro webpage
- Tweet before each game
- Facebook and Instagram posts

AGENDA ITEM #3

MSRC Contracts Administrator's Report

MSRC Agenda Item No. 3

DATE: August 15, 2019

FROM: Cynthia Ravenstein

SUBJECT: AB 2766 Contracts Administrator's Report

SYNOPSIS: This report covers key issues addressed by MSRC staff, status of open contracts, and administrative scope changes from May 30 to July 24, 2019.

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 with the prospective contractor for signature or executed.

On July 6, 2018, the SCAQMD Governing Board approved nine awards under the Local Government Partnership Program. These contracts are with the prospective contractor for signature or 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 under development, with the prospective contractor for signature, with the SCAQMD Board Chair for signature, or 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 under development, with the prospective contractor for signature, with the SCAQMD Board Chair 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 undergoing internal review.

Work Program Status

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

FY 2007-08 Work Program Contracts

No contracts from this work program year are open; and one is in “Open/Complete” status. 3 contracts closed during this period: City of Santa Monica, Contract #ML08028 – Purchase 24 Heavy-Duty CNG Vehicles; United Parcel Service, Contract #MS08007 – Purchase 10 Natural Gas Vehicles; and United Parcel Service, Contract #MS08013 – Purchase 12 Natural Gas Yard Tractors.

FY 2007-08 Invoices Paid

No invoices were paid during this period.

FY 2010-11 Work Program Contracts

2 contracts from this work program year are open; and 20 are in “Open/Complete” status. 4 contracts closed during this period: City of Whittier, Contract #ML11021 – Purchase 7 Heavy-Duty CNG Vehicles; City of Ontario, Contract #ML11044 – Expand Existing CNG Station; EDCO Disposal Corp., Contract #MS11011 – Install New CNG Station in Signal Hill; EDCO Disposal Corp., Contract #MS11012 – Install New CNG Station in Buena Park.

FY 2010-11 Invoices Paid

No invoices were paid during this period.

FY 2011-12 Work Program Contracts

8 contracts from this work program year are open, and 23 are in “Open/Complete” status. One contract closed during this period: SuperShuttle International, Inc., Contract #MS12086 – Purchase 23 Medium-Heavy-Duty Vehicles.

FY 2011-12 Invoices Paid

No invoices were paid during this period.

FYs 2012-14 Work Program Contracts

22 contracts from this work program year are open, and 28 are in “Open/Complete” status. One replacement contract is pending execution.

FYs 2012-14 Invoices Paid

No invoices were paid during this period.

FYs 2014-16 Work Program Contracts

54 contracts from this work program year are open, and 25 are in “Open/Complete” status. One contracts passed into “Open/Complete” status during this period: City of Ontario, Contract #ML16056 – Expansion of Existing CNG Station. Two replacement contracts are pending execution.

FYs 2014-16 Invoices Paid

3 invoices totaling \$1,059,458.75 were paid during this period.

FYs 2016-18 Work Program Contracts

122 contracts from this work program year are open, and 3 are in “Open/Complete” status.

4 invoices totaling \$284,590.01 were paid during this period.

Administrative Scope Changes

6 administrative scope changes were initiated during the period of May 30 to July 24, 2019:

- City of Yucaipa, Contract #ML16054 (Implement “Complete Streets” Project) – Three-month term extension
- City of Ontario, Contract #ML16056 (Expand CNG Station) – Reduce value from \$150,000 to \$105,565
- City of Lawndale, Contract #MS16106 (Expand CNG Station) – Terminate contract by request
- City of Arcadia, Contract #ML18032 (Purchase One Heavy-Duty Zero Emission Vehicle and One Heavy-Duty Near-Zero Emission Vehicle) – Remove zero emission vehicle and reduce value from \$74,650 to \$24,650
- City of Redlands, Contract #ML18039 (Purchase One Heavy-Duty Zero Emission Vehicle and Install EV Charging Station) – Six-month term extension
- City of Hidden Hills, Contract #ML18019 (Purchase Two Light-Duty Zero Emission Vehicles and Install EV Charging Stations) – Remove off-road vehicle and substitute an additional on-road vehicle and one-year term extension

Attachments

- FY 2007-08 through FYs 2016-18 (except FY 2009-10) Contract Status Reports



AB2766 Discretionary Fund Program Invoices

May 30 to July 24, 2019

Contract Admin.	MSRC Chair	MSRC Liaison	Finance	Contract #	Contractor	Invoice #	Amount
<i>2014-2016 Work Program</i>							
7/10/2019	7/25/2019	7/30/2019	7/30/2019	ML16009	City of Fountain Valley	1-Final	\$46,100.00
7/9/2019	7/25/2019	7/30/2019	7/30/2019	MS16030	Better World Group Advisors	2039	\$8,358.75
6/18/2019	6/20/2019	6/20/2019	6/21/2019	MS16112	Orange County Transportation Authority	FA140494	\$1,005,000.00
Total: \$1,059,458.75							
<i>2016-2018 Work Program</i>							
7/24/2019	7/25/2019	7/30/2019	7/30/2019	MS18002	Southern California Association of Governments	MS18002-03F	\$174,344.11
7/10/2019	7/25/2019	7/30/2019	7/30/2019	MS18003	Geographics	21569/2162	\$746.00
7/3/2019	7/25/2019	7/30/2019	7/30/2019	ML18138	City of La Canada Flintridge	1	\$9,499.90
6/7/2019	6/20/2019	6/20/2019	6/21/2019	ML18079	City of Pasadena	1	\$100,000.00

Total: \$284,590.01

Total This Period: \$1,344,048.76



FYs 2006-07 Through 2016-18 AB2766 Contract Status Report

8/8/2019

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
<i>FY 2006-2007 Contracts</i>									
<i>Declined/Cancelled Contracts</i>									
ML07031	City of Santa Monica				\$180,000.00	\$0.00	Upgrade N.G. Station to Add Hythane	\$180,000.00	No
ML07032	City of Huntington Beach Public Wor				\$25,000.00	\$0.00	One H.D. CNG Vehicle	\$25,000.00	No
ML07035	City of Los Angeles, General Service				\$350,000.00	\$0.00	New CNG Refueling Station/Southeast Yard	\$350,000.00	No
ML07038	City of Palos Verdes Estates				\$25,000.00	\$0.00	One H.D. LPG Vehicle	\$25,000.00	No
MS07010	Palos Verdes Peninsula Transit Auth				\$80,000.00	\$0.00	Repower 4 Transit Buses	\$80,000.00	No
MS07014	Clean Energy Fuels Corp.				\$350,000.00	\$0.00	New L/CNG Station - SERRF	\$350,000.00	No
MS07015	Baldwin Park Unified School District				\$57,500.00	\$0.00	New CNG Station	\$57,500.00	No
MS07016	County of Riverside Fleet Services D				\$36,359.00	\$0.00	New CNG Station - Rubidoux	\$36,359.00	No
MS07017	County of Riverside Fleet Services D				\$33,829.00	\$0.00	New CNG Station - Indio	\$33,829.00	No
MS07018	City of Cathedral City				\$350,000.00	\$0.00	New CNG Station	\$350,000.00	No
MS07021	City of Riverside				\$350,000.00	\$0.00	New CNG Station	\$350,000.00	No
MS07050	Southern California Disposal Co.				\$320,000.00	\$0.00	Ten Nat. Gas Refuse Trucks	\$320,000.00	No
MS07062	Caltrans Division of Equipment				\$1,081,818.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$1,081,818.00	No
MS07065	ECCO Equipment Corp.				\$174,525.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$174,525.00	No
MS07067	Recycled Materials Company of Calif				\$99,900.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$99,900.00	No
MS07069	City of Burbank	5/9/2008	3/8/2010	9/8/2011	\$8,895.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$8,895.00	No
MS07074	Albert W. Davies, Inc.	1/25/2008	11/24/2009		\$39,200.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$39,200.00	No
MS07081	Clean Diesel Technologies, Inc.				\$240,347.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$240,347.00	No
MS07082	DCL International, Inc.				\$153,010.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$153,010.00	No
MS07083	Dinex Exhausts, Inc.				\$52,381.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$52,381.00	No
MS07084	Donaldson Company, Inc.				\$42,416.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$42,416.00	No
MS07085	Engine Control Systems Limited				\$155,746.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$155,746.00	No
MS07086	Huss, LLC				\$84,871.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$84,871.00	No
MS07087	Mann+Hummel GmbH				\$189,361.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$189,361.00	No
MS07088	Nett Technologies, Inc.				\$118,760.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$118,760.00	No
MS07089	Rypos, Inc.				\$68,055.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$68,055.00	No
MS07090	Sud-Chemie				\$27,345.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$27,345.00	No
Total: 27									
<i>Closed Contracts</i>									
ML07023	City of Riverside	6/20/2008	10/19/2014	7/19/2016	\$462,500.00	\$461,476.42	CNG Station Expansion/Purch. 14 H.D. Vehi	\$1,023.58	Yes
ML07024	City of Garden Grove	3/7/2008	9/6/2014	7/6/2016	\$75,000.00	\$75,000.00	Three H.D. CNG Vehicles	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML07025	City of San Bernardino	8/12/2008	7/11/2010		\$350,000.00	\$350,000.00	Maintenance Facility Modifications	\$0.00	Yes
ML07026	City of South Pasadena	6/13/2008	6/12/2014		\$25,000.00	\$25,000.00	One H.D. CNG Vehicle	\$0.00	Yes
ML07027	Los Angeles World Airports	6/3/2008	7/2/2014		\$25,000.00	\$25,000.00	One H.D. LNG Vehicle	\$0.00	Yes
ML07028	City of Los Angeles, General Service	3/13/2009	3/12/2014		\$350,000.00	\$350,000.00	New CNG Refueling Station/Hollywood Yard	\$0.00	Yes
ML07029	City of Los Angeles, General Service	3/13/2009	3/12/2014		\$350,000.00	\$350,000.00	New CNG Refueling Station/Venice Yard	\$0.00	Yes
ML07030	County of San Bernardino Public Wo	7/11/2008	9/10/2015		\$200,000.00	\$200,000.00	8 Natural Gas H.D. Vehicles	\$0.00	Yes
ML07033	City of La Habra	5/21/2008	6/20/2014	11/30/2013	\$25,000.00	\$25,000.00	One H.D. Nat Gas Vehicle	\$0.00	Yes
ML07034	City of Los Angeles, General Service	3/13/2009	3/12/2014		\$350,000.00	\$350,000.00	New CNG Refueling Station/Van Nuys Yard	\$0.00	Yes
ML07036	City of Alhambra	1/23/2009	2/22/2015		\$50,000.00	\$50,000.00	2 H.D. CNG Vehicles	\$0.00	Yes
ML07037	City of Los Angeles, General Service	10/8/2008	10/7/2015		\$255,222.00	\$255,222.00	Upgrade LNG/LCNG Station/East Valley Yar	\$0.00	Yes
ML07039	City of Baldwin Park	6/6/2008	6/5/2014	8/5/2015	\$50,000.00	\$50,000.00	Two N.G. H.D. Vehicles	\$0.00	Yes
ML07040	City of Moreno Valley	6/3/2008	9/2/2014		\$25,000.00	\$25,000.00	One Heavy-Duty CNG Vehicle	\$0.00	Yes
ML07041	City of La Quinta	6/6/2008	6/5/2014		\$25,000.00	\$25,000.00	One CNG Street Sweeper	\$0.00	Yes
ML07042	City of La Quinta	8/15/2008	9/14/2010		\$100,000.00	\$100,000.00	Street Sweeping Operations	\$0.00	Yes
ML07043	City of Redondo Beach	9/28/2008	7/27/2014	10/27/2016	\$125,000.00	\$125,000.00	Five H.D. CNG Transit Vehicles	\$0.00	Yes
ML07044	City of Santa Monica	9/8/2008	3/7/2015	3/7/2017	\$600,000.00	\$600,000.00	24 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML07046	City of Culver City Transportation De	5/2/2008	5/1/2014		\$25,000.00	\$25,000.00	One H.D. Nat. Gas Vehicle	\$0.00	Yes
ML07047	City of Cathedral City	6/16/2008	9/15/2014	3/15/2015	\$225,000.00	\$225,000.00	Two H.D. Nat. Gas Vehicles/New CNG Fueli	\$0.00	Yes
ML07048	City of Cathedral City	9/19/2008	10/18/2010		\$100,000.00	\$84,972.45	Street Sweeping Operations	\$15,027.55	Yes
MS07001	A-Z Bus Sales, Inc.	12/28/2006	12/31/2007	2/29/2008	\$1,920,000.00	\$1,380,000.00	CNG School Bus Buydown	\$540,000.00	Yes
MS07002	BusWest	1/19/2007	12/31/2007	3/31/2008	\$840,000.00	\$840,000.00	CNG School Bus Buydown	\$0.00	Yes
MS07003	Westport Fuel Systems, Inc.	11/2/2007	12/31/2011	6/30/2013	\$1,500,000.00	\$1,499,990.00	Advanced Nat. Gas Engine Incentive Progra	\$10.00	Yes
MS07005	S-W Compressors	3/17/2008	3/16/2010		\$60,000.00	\$7,500.00	Mountain CNG School Bus Demo Program-	\$52,500.00	Yes
MS07006	Coachella Valley Association of Gov	2/28/2008	10/27/2008		\$400,000.00	\$400,000.00	Coachella Valley PM10 Reduction Street Sw	\$0.00	Yes
MS07007	Los Angeles World Airports	5/2/2008	11/1/2014		\$420,000.00	\$420,000.00	Purchase CNG 21 Transit Buses	\$0.00	Yes
MS07008	City of Los Angeles, Department of T	9/18/2009	5/17/2020	9/17/2017	\$1,900,000.00	\$1,900,000.00	Purchase 95 Transit Buses	\$0.00	Yes
MS07009	Orange County Transportation Autho	5/14/2008	4/13/2016		\$800,000.00	\$800,000.00	Purchase 40 Transit Buses	\$0.00	Yes
MS07011	L A Service Authority for Freeway E	3/12/2010	5/31/2011	9/30/2011	\$700,000.00	\$700,000.00	"511" Commuter Services Campaign	\$0.00	Yes
MS07012	City of Los Angeles, General Service	6/13/2008	6/12/2009	6/12/2010	\$50,000.00	\$50,000.00	Maintenance Facility Modifications	\$0.00	Yes
MS07013	Rainbow Disposal Company, Inc.	1/25/2008	3/24/2014	9/24/2014	\$350,000.00	\$350,000.00	New High-Volume CNG Station	\$0.00	Yes
MS07019	City of Cathedral City	1/9/2009	6/8/2010		\$32,500.00	\$32,500.00	Maintenance Facility Modifications	\$0.00	Yes
MS07020	Avery Petroleum	5/20/2009	7/19/2015		\$250,000.00	\$250,000.00	New CNG Station	\$0.00	Yes
MS07049	Palm Springs Disposal Services	10/23/2008	11/22/2014	9/22/2016	\$96,000.00	\$96,000.00	Three Nat. Gas Refuse Trucks	\$0.00	Yes
MS07051	City of San Bernardino	8/12/2008	12/11/2014		\$480,000.00	\$480,000.00	15 Nat. Gas Refuse Trucks	\$0.00	Yes
MS07052	City of Redlands	7/30/2008	11/29/2014		\$160,000.00	\$160,000.00	Five Nat. Gas Refuse Trucks	\$0.00	Yes
MS07053	City of Claremont	7/31/2008	12/30/2014		\$96,000.00	\$96,000.00	Three Nat. Gas Refuse Trucks	\$0.00	Yes
MS07054	Republic Services, Inc.	3/7/2008	9/6/2014	9/6/2016	\$1,280,000.00	\$1,280,000.00	40 Nat. Gas Refuse Trucks	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS07055	City of Culver City Transportation De	7/8/2008	9/7/2014		\$192,000.00	\$192,000.00	Six Nat. Gas Refuse Trucks	\$0.00	Yes
MS07056	City of Whittier	9/5/2008	3/4/2015		\$32,000.00	\$32,000.00	One Nat. Gas Refuse Trucks	\$0.00	Yes
MS07057	CR&R, Inc.	7/31/2008	8/30/2014	6/30/2015	\$896,000.00	\$896,000.00	28 Nat. Gas Refuse Trucks	\$0.00	Yes
MS07058	Better World Group Advisors	11/17/2007	11/16/2009	11/16/2011	\$247,690.00	\$201,946.21	MSRC Programmatic Outreach Services	\$45,743.79	Yes
MS07059	County Sanitation Districts of L.A. Co	9/5/2008	9/4/2010	7/14/2012	\$231,500.00	\$231,500.00	Off-Road Diesel Equipment Retrofit Program	\$0.00	Yes
MS07060	Community Recycling & Resource R	3/7/2008	1/6/2010	7/6/2011	\$177,460.00	\$98,471.00	Off-Road Diesel Equipment Retrofit Program	\$78,989.00	Yes
MS07061	City of Los Angeles, Department of	10/31/2008	8/30/2010	2/28/2013	\$40,626.00	\$40,626.00	Off-Road Diesel Equipment Retrofit Program	\$0.00	Yes
MS07063	Shimmick Construction Company, In	4/26/2008	2/25/2010	8/25/2011	\$80,800.00	\$11,956.37	Off-Road Diesel Equipment Retrofit Program	\$68,843.63	Yes
MS07064	Altfillisch Contractors, Inc.	9/19/2008	7/18/2010	1/18/2011	\$160,000.00	\$155,667.14	Off-Road Diesel Equipment Retrofit Program	\$4,332.86	Yes
MS07068	Sukut Equipment Inc.	1/23/2009	11/22/2010	5/22/2012	\$26,900.00	\$26,900.00	Off-Road Diesel Equipment Retrofit Program	\$0.00	Yes
MS07070	Griffith Company	4/30/2008	2/28/2010	8/28/2012	\$168,434.00	\$125,504.00	Off-Road Diesel Equipment Retrofit Program	\$42,930.00	Yes
MS07071	Tiger 4 Equipment Leasing	9/19/2008	7/18/2010	1/18/2013	\$210,937.00	\$108,808.97	Off-Road Diesel Equipment Retrofit Program	\$102,128.03	Yes
MS07072	City of Culver City Transportation De	4/4/2008	2/3/2010	8/3/2011	\$72,865.00	\$72,865.00	Off-Road Diesel Equipment Retrofit Program	\$0.00	Yes
MS07075	Dan Copp Crushing	9/17/2008	7/16/2010	1/16/2012	\$73,600.00	\$40,200.00	Off-Road Diesel Equipment Retrofit Program	\$33,400.00	Yes
MS07076	Reed Thomas Company, Inc.	8/15/2008	6/14/2010	3/14/2012	\$339,073.00	\$100,540.00	Off-Road Diesel Equipment Retrofit Program	\$238,533.00	Yes
MS07077	USA Waste of California, Inc.	5/1/2009	12/31/2014		\$160,000.00	\$160,000.00	Five Nat. Gas Refuse Trucks (Santa Ana)	\$0.00	Yes
MS07078	USA Waste of California, Inc.	5/1/2009	12/31/2014	12/31/2015	\$256,000.00	\$256,000.00	Eight Nat. Gas Refuse Trucks (Dewey's)	\$0.00	Yes
MS07079	Riverside County Transportation Co	1/30/2009	7/29/2013	12/31/2011	\$20,000.00	\$15,165.45	BikeMetro Website Migration	\$4,834.55	Yes
MS07080	City of Los Angeles Bureau of Sanita	10/31/2008	8/30/2010	8/28/2016	\$63,192.00	\$62,692.00	Off-Road Diesel Equipment Retrofit Program	\$500.00	No
MS07091	BusWest	10/16/2009	3/15/2010		\$33,660.00	\$33,660.00	Provide Lease for 2 CNG School Buses	\$0.00	Yes
MS07092	Riverside County Transportation Co	9/1/2010	10/31/2011		\$350,000.00	\$350,000.00	"511" Commuter Services Campaign	\$0.00	Yes

Total: 60

Closed/Incomplete Contracts

ML07045	City of Inglewood	2/6/2009	4/5/2015		\$75,000.00	\$25,000.00	3 H.D. Nat. Gas Vehicles	\$50,000.00	No
MS07004	BusWest	7/2/2007	7/1/2009		\$90,928.00	\$68,196.00	Provide Lease for 2 CNG School Buses	\$22,732.00	No
MS07066	Skanska USA Civil West California D	6/28/2008	4/27/2010	10/27/2010	\$111,700.00	\$36,128.19	Off-Road Diesel Equipment Retrofit Program	\$75,571.81	No
MS07073	PEED Equipment Co.	10/31/2008	8/30/2010		\$11,600.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$11,600.00	No

Total: 4

Open/Complete Contracts

MS07022	CSULA Hydrogen Station and Resea	10/30/2009	12/29/2015	10/29/2019	\$250,000.00	\$250,000.00	New Hydrogen Fueling Station	\$0.00	Yes
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Total: 1

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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FY 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	No
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
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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	No
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
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
MS09002	A-Z Bus Sales, Inc.	11/7/2008	12/31/2009	12/31/2010	\$2,520,000.00	\$2,460,000.00	Alternative Fuel School Bus Incentive Progra	\$60,000.00	Yes
MS09004	A-Z Bus Sales, Inc.	1/30/2009	3/31/2009		\$156,000.00	\$156,000.00	Alternative Fuel School Bus Incentive Progra	\$0.00	Yes
MS09047	BusWest	7/9/2010	12/31/2010	4/30/2011	\$480,000.00	\$480,000.00	Alternative Fuel School Bus Incentive Progra	\$0.00	Yes

Total: 62

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
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Total: 1

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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FY 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
MS09003	FuelMaker Corporation				\$296,000.00	\$0.00	Home Refueling Apparatus Incentives	\$296,000.00	No

Total: 11

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
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
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, Department of	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	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
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	No
MS09001	Administrative Services Co-Op/Long	3/5/2009	6/30/2012	12/31/2013	\$225,000.00	\$150,000.00	15 CNG Taxicabs	\$75,000.00	Yes
MS09005	Gas Equipment Systems, Inc.	6/19/2009	10/18/2010		\$71,000.00	\$71,000.00	Provide Temp. Fueling for Mountain Area C	\$0.00	Yes

Total: 32

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
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Total: 1

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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FY 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
ML11045	City of Newport Beach	2/3/2012	8/2/2018	3/2/2021	\$30,000.00	\$0.00	Purchase 1 Nat. Gas H.D. Vehicle	\$30,000.00	No

Total: 2

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
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
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 Genera	5/4/2012	7/3/2015	1/3/2016	\$300,000.00	\$300,000.00	Maintenance Facility Modifications	\$0.00	Yes
ML11028	City of Glendale	1/13/2012	5/12/2018		\$300,000.00	\$300,000.00	Purchase 10 H.D. CNG Vehicles	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
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, Department of	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
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
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
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
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
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
MS11052	Krisda Inc	9/27/2012	6/26/2013		\$120,000.00	\$120,000.00	Repower Three Heavy-Duty 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
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	No
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
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
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
MS11080	Southern California Regional Rail Au	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
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
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	No

Total: 40

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

Total: 5

Open/Complete Contracts

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
ML11023	City of Rancho Cucamonga	4/20/2012	12/19/2018	9/19/2020	\$260,000.00	\$260,000.00	Expand Existing CNG Station, 2 H.D. Vehicl	\$0.00	Yes
ML11024	County of Los Angeles, Dept of Publi	12/5/2014	6/4/2022		\$90,000.00	\$90,000.00	Purchase 3 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11025	County of Los Angeles Department o	3/14/2014	9/13/2021		\$150,000.00	\$150,000.00	Purchase 5 Nat. Gas H.D. Vehicles	\$0.00	Yes
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	\$0.00	Yes
ML11036	City of Riverside	1/27/2012	1/26/2019	3/26/2021	\$670,000.00	\$670,000.00	Install New CNG Station, Purchase 9 H.D. N	\$0.00	Yes
ML11037	City of Anaheim	12/22/2012	12/21/2019		\$300,000.00	\$300,000.00	Purchase 12 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11040	City of South Pasadena	5/4/2012	1/3/2019	1/3/2022	\$30,000.00	\$30,000.00	Purchase 1 Nat. Gas H.D. Vehicle	\$0.00	Yes
ML11041	City of Santa Ana	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
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
MS11016	CR&R Incorporated	4/12/2013	10/11/2019		\$100,000.00	\$100,000.00	New CNG Station - Perris	\$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
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
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
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
MS11071	City of Torrance Transit Department	12/22/2012	1/21/2019	1/21/2020	\$175,000.00	\$175,000.00	New Limited Access CNG Station	\$0.00	Yes
MS11073	Los Angeles Unified School District	9/11/2015	2/10/2022		\$175,000.00	\$175,000.00	Expansion of Existing CNG Station	\$0.00	Yes
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

Total: 20

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

Open Contracts

ML12014	City of Santa Ana	11/8/2013	8/7/2020		\$384,000.00	\$4,709.00	9 H.D. Nat. Gas & LPG Trucks, EV Charging	\$379,291.00	No
ML12018	City of West Covina	10/18/2013	10/17/2020	8/17/2023	\$300,000.00	\$0.00	Expansion of Existing CNG Station	\$300,000.00	No
ML12043	City of Hemet	6/24/2013	9/23/2019		\$60,000.00	\$0.00	Two Heavy-Duty Nat. Gas Vehicles	\$60,000.00	No
ML12045	City of Baldwin Park DPW	2/14/2014	12/13/2020	6/13/2022	\$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	\$40,375.80	Purchase One Nat. Gas H.D. Vehicle/Street	\$17,080.20	No
ML12090	City of Palm Springs	10/9/2015	10/8/2021		\$21,163.00	\$0.00	EV Charging Infrastructure	\$21,163.00	No
ML12091	City of Bellflower	10/5/2018	10/4/2019		\$100,000.00	\$0.00	EV Charging Infrastructure	\$100,000.00	No
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	No

Total: 8

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
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
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
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
ML12047	City of Orange	2/1/2013	1/31/2019		\$30,000.00	\$30,000.00	One Heavy-Duty Nat. Gas Vehicle	\$0.00	Yes
ML12049	City of Rialto Public Works	7/14/2014	9/13/2015		\$30,432.00	\$3,265.29	EV Charging Infrastructure	\$27,166.71	Yes
ML12050	City of Baldwin Park	4/25/2013	4/24/2014	10/24/2014	\$402,400.00	\$385,363.00	EV Charging Infrastructure	\$17,037.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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 Stadium	\$88,830.00	Yes
MS12002	Orange County Transportation Authority	9/7/2012	4/30/2013		\$342,340.00	\$333,185.13	Express Bus Service to Orange County Fair	\$9,154.87	Yes
MS12003	Orange County Transportation Authority	7/20/2012	2/28/2013		\$234,669.00	\$167,665.12	Implement Metrolink Service to Angel Stadium	\$67,003.88	Yes
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
MS12012	Rim of the World Unified School District	12/20/2012	5/19/2014		\$75,000.00	\$75,000.00	Vehicle Maintenance Facility Modifications	\$0.00	Yes
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-Heavy	\$5,000.00	Yes
MS12029	Community Action Partnership of Orange	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
MS12036	Jim & Doug Carter's Automotive/VS	1/4/2013	11/3/2018		\$50,000.00	\$50,000.00	Purchase 2 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12058	Krisda Inc	4/24/2013	1/23/2019		\$25,000.00	\$25,000.00	Repower One Heavy-Duty Off-Road Vehicle	\$0.00	Yes
MS12059	Orange County Transportation Authority	2/28/2013	12/27/2014		\$75,000.00	\$75,000.00	Maintenance Facilities Modifications	\$0.00	Yes
MS12061	Orange County Transportation Authority	3/14/2014	3/13/2017		\$224,000.00	\$114,240.00	Transit-Oriented Bicycle Sharing Program	\$109,760.00	Yes
MS12062	Fraser Communications	12/7/2012	5/31/2014		\$998,669.00	\$989,218.49	Develop & Implement "Rideshare Thursday"	\$9,450.51	Yes
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 Authority	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 Authority	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
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 Ana	\$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 Authority	12/6/2013	3/5/2016		\$125,000.00	\$18,496.50	Implement Rideshare Incentives Program	\$106,503.50	Yes
MS12089	Riverside County Transportation Company	10/18/2013	9/17/2015		\$249,136.00	\$105,747.48	Implement Rideshare Incentives Program	\$143,388.52	No
MS12Hom	Mansfield Gas Equipment Systems				\$296,000.00	\$0.00	Home Refueling Apparatus Incentive Program	\$296,000.00	No

Total: 45

Closed/Incomplete Contracts

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
ML12020	City of Los Angeles, Department of	9/27/2012	3/26/2019	3/26/2020	\$450,000.00	\$450,000.00	15 H.D. 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
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
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
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
MS12008	Bonita Unified School District	7/12/2013	12/11/2019	4/11/2021	\$175,000.00	\$175,000.00	Construct New Limited-Access CNG Station	\$0.00	Yes
MS12009	Sysco Food Services of Los Angeles	1/7/2014	4/6/2020		\$150,000.00	\$150,000.00	Construct New Public-Access LNG Station	\$0.00	Yes
MS12010	Murrieta Valley Unified School Distric	4/5/2013	9/4/2019		\$242,786.00	\$242,786.00	Construct New Limited-Access CNG Station	\$0.00	Yes
MS12011	Southern California Gas Company	6/14/2013	6/13/2019	5/28/2021	\$150,000.00	\$150,000.00	Construct New Public-Access CNG Station -	\$0.00	Yes
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
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	No
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	No
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
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
MS12072	99 Cents Only Stores	4/5/2013	9/4/2019		\$100,000.00	\$100,000.00	Construct New CNG Station	\$0.00	Yes
MS12073	FirstCNG, LLC	7/27/2013	12/26/2019		\$150,000.00	\$150,000.00	Construct New CNG Station	\$0.00	Yes
MS12074	Arcadia Unified School District	7/5/2013	9/4/2019		\$175,000.00	\$175,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS12075	CR&R Incorporated	7/27/2013	1/26/2021	1/26/2022	\$100,000.00	\$100,000.00	Expansion of Existing CNG Infrastructure	\$0.00	No
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: 23

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

Open Contracts

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, Department of	3/6/2015	9/5/2021	12/5/2022	\$810,000.00	\$720,000.00	Purchase 27 H.D. Nat. Gas Vehicles	\$90,000.00	No
ML14021	Riverside County Regional Park and	7/24/2014	12/23/2016	9/30/2020	\$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	9/1/2019	\$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	9/1/2019	\$230,000.00	\$0.00	Maintenance Fac. Modifications-Baldwin Par	\$230,000.00	No
ML14025	County of Los Angeles Dept of Publi	10/2/2015	7/1/2018	7/1/2024	\$300,000.00	\$0.00	Construct New CNG Station in Malibu	\$300,000.00	No
ML14026	County of Los Angeles Dept of Publi	10/2/2015	5/1/2023	5/1/2024	\$300,000.00	\$0.00	Construct New CNG Station in Castaic	\$300,000.00	No
ML14027	County of Los Angeles Dept of Publi	10/2/2015	5/1/2023	6/1/2024	\$500,000.00	\$0.00	Construct New CNG Station in Canyon Coun	\$500,000.00	No
ML14030	County of Los Angeles Internal Servi	1/9/2015	3/8/2018	10/8/2019	\$425,000.00	\$25,000.00	Bicycle Racks, Outreach & Education	\$400,000.00	No
ML14062	City of San Fernando	3/27/2015	5/26/2021	10/31/2023	\$387,091.00	\$325,679.00	Expand Existing CNG Fueling Station	\$61,412.00	No
ML14067	City of Duarte	12/4/2015	1/3/2023	6/3/2024	\$60,000.00	\$0.00	Purchase Two Electric Buses	\$60,000.00	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
ML14072	City of Cathedral City	8/13/2014	1/12/2021	7/12/2022	\$66,000.00	\$35,089.03	Install EV Charging, Bike Racks & Education	\$30,910.97	No
ML14096	County of Los Angeles Dept of Publi	5/3/2019	12/2/2019		\$150,000.00	\$0.00	San Gabriel BikeTrail Underpass Improveme	\$150,000.00	No
MS14037	Penske Truck Leasing Co., L.P.	4/7/2017	6/6/2020		\$75,000.00	\$0.00	Vehicle Maint. Fac. Modifications - Carson	\$75,000.00	No
MS14057	Los Angeles County MTA	11/7/2014	10/6/2019	10/6/2020	\$1,250,000.00	\$0.00	Implement Various Signal Synchronization P	\$1,250,000.00	No
MS14059	Riverside County Transportation Co	9/5/2014	3/4/2018	4/4/2020	\$1,250,000.00	\$0.00	Implement Various Signal Synchronization P	\$1,250,000.00	No
MS14072	San Bernardino County Transportatio	3/27/2015	3/26/2018	3/26/2020	\$1,250,000.00	\$887,566.17	Implement Various Signal Synchronization P	\$362,433.83	No
MS14076	Rialto Unified School District	6/17/2015	2/16/2022	6/25/2023	\$225,000.00	\$213,750.00	New Public Access CNG Station	\$11,250.00	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: 22

Pending Execution Contracts

ML14097	County of Los Angeles Internal Servi				\$104,400.00	\$0.00	Electric Vehicle Charging Infrastructure	\$104,400.00	No
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Total: 1

Declined/Cancelled Contracts

ML14063	City of Hawthorne				\$32,000.00	\$0.00	Expansion of Existng CNG Infrastructure	\$32,000.00	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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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: 9

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
ML14015	Coachella Valley Association of Gov	6/6/2014	9/5/2015		\$250,000.00	\$250,000.00	Street Sweeping Operations	\$0.00	Yes
ML14020	County of Los Angeles Dept of Publi	8/13/2014	1/12/2018		\$150,000.00	\$0.00	San Gabriel BikeTrail Underpass Improveme	\$150,000.00	No
ML14029	City of Irvine	7/11/2014	6/10/2017		\$90,500.00	\$71,056.78	Bicycle Trail Improvements	\$19,443.22	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
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
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
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
MS14047	Southern California Regional Rail Au	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
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 Au	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: 31

Closed/Incomplete Contracts

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 Publi	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: 5

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
ML14014	City of Torrance	9/5/2014	12/4/2019		\$56,000.00	\$56,000.00	EV Charging Infrastructure	\$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
ML14028	City of Fullerton	9/5/2014	1/4/2022		\$126,950.00	\$126,950.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
ML14031	Riverside County Waste Manageme	6/13/2014	12/12/2020		\$90,000.00	\$90,000.00	Purchase 3 H.D. CNG Vehicles	\$0.00	Yes
ML14032	City of Rancho Cucamonga	1/9/2015	1/8/2022		\$113,990.00	\$104,350.63	Expansion of Existing CNG Infras., Bicycle L	\$9,639.37	Yes
ML14033	City of Irvine	7/11/2014	2/10/2021	2/10/2022	\$60,000.00	\$60,000.00	Purchase 2 H.D. CNG Vehicles	\$0.00	Yes
ML14034	City of Lake Elsinore	9/5/2014	5/4/2021		\$56,700.00	\$56,700.00	EV Charging Stations	\$0.00	Yes
ML14049	City of Moreno Valley	7/11/2014	3/10/2021		\$105,000.00	\$101,976.09	One HD Nat Gas Vehicle, EV Charging, Bicy	\$3,023.91	Yes
ML14061	City of La Habra	3/11/2016	3/10/2022		\$41,600.00	\$41,270.49	Purchase Two Heavy-Duty Nat. Gas Vehicle	\$329.51	Yes
ML14064	City of Claremont	7/11/2014	7/10/2020	1/10/2021	\$60,000.00	\$60,000.00	Purchase Two Heavy-Duty Nat. Gas Vehicle	\$0.00	Yes
MS14041	USA Waste of California, Inc.	9/4/2015	10/3/2021		\$175,000.00	\$175,000.00	Limited-Access CNG Station, Vehicle Maint.	\$0.00	Yes
MS14042	Grand Central Recycling & Transfer	6/6/2014	9/5/2021		\$150,000.00	\$150,000.00	Expansion of Existing CNG Station	\$0.00	Yes
MS14044	TIMCO CNG Fund I, LLC	5/2/2014	11/1/2020		\$150,000.00	\$150,000.00	New Public-Access CNG Station in Santa A	\$0.00	Yes
MS14045	TIMCO CNG Fund I, LLC	6/6/2014	12/5/2020		\$150,000.00	\$150,000.00	New Public-Access CNG Station in Inglewoo	\$0.00	Yes
MS14046	Ontario CNG Station Inc.	5/15/2014	5/14/2020	11/14/2021	\$150,000.00	\$150,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS14052	Arcadia Unified School District	6/13/2014	10/12/2020		\$78,000.00	\$78,000.00	Expansion of an Existing CNG Fueling Statio	\$0.00	Yes
MS14053	Upland Unified School District	1/9/2015	7/8/2021		\$175,000.00	\$175,000.00	Expansion of Existing CNG Infrastructure	\$0.00	No
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
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	No
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	No
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: 28

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	Purchase 1 H.D. Nat. Gas Vehicle, Bicycle	\$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
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	No
ML16010	City of Fullerton	10/7/2016	4/6/2023		\$370,500.00	\$27,896.71	Expand Existing CNG Station, EV Charging I	\$342,603.29	No
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	No
ML16016	City of Los Angeles, Department of	2/5/2016	12/4/2022		\$630,000.00	\$540,000.00	Purchase 21 Heavy-Duty Nat. Gas Vehicles	\$90,000.00	No
ML16017	City of Long Beach	2/5/2016	8/4/2023		\$1,445,400.00	\$1,131,400.00	Purchase 50 Medium-Duty, 19 H.D. Nat. Ga	\$314,000.00	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
ML16019	City of Los Angeles, Dept of General	1/25/2017	3/24/2020		\$102,955.00	\$0.00	Install EV Charging Infrastructure	\$102,955.00	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 Ex	\$160,000.00	No
ML16032	City of Azusa	9/9/2016	4/8/2019	4/8/2020	\$474,925.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$474,925.00	No
ML16034	City of Riverside	3/11/2016	10/10/2018	7/10/2020	\$500,000.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$500,000.00	No
ML16038	City of Palm Springs	4/1/2016	7/31/2022		\$230,000.00	\$0.00	Install Bicycle Lanes & Purchase 4 Heavy-D	\$230,000.00	No
ML16039	City of Torrance Transit Department	1/6/2017	9/5/2022		\$32,000.00	\$0.00	Install EV Charging Infrastructure	\$32,000.00	No
ML16040	City of Eastvale	1/6/2017	7/5/2022		\$110,000.00	\$0.00	Install EV Charging Infrastructure	\$110,000.00	No
ML16041	City of Moreno Valley	9/3/2016	1/2/2021	7/2/2023	\$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	\$0.00	Install EV Charging Infrastructure	\$55,000.00	No
ML16045	City of Anaheim	6/22/2016	8/21/2019		\$275,000.00	\$0.00	Maintenance Facility Modifications	\$275,000.00	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	9/30/2020	\$315,576.00	\$0.00	Install Two Class 1 Bikeways	\$315,576.00	No
ML16053	City of Claremont	3/11/2016	7/10/2018	5/10/2020	\$498,750.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$498,750.00	No
ML16054	City of Yucaipa	3/26/2016	7/26/2018	10/25/2019	\$120,000.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$120,000.00	No
ML16057	City of Yucaipa	4/27/2016	1/26/2019	1/26/2020	\$380,000.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$380,000.00	No
ML16058	Los Angeles County Department of P	10/7/2016	4/6/2024		\$491,898.00	\$0.00	Purchase 15 H.D. Nat. Gas Vehicles and Ins	\$491,898.00	No
ML16069	City of West Covina	3/10/2017	6/9/2021		\$54,199.00	\$0.00	Installation of EV Charging Infrastructure	\$54,199.00	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	2/26/2020	\$354,000.00	\$0.00	Install a Class 1 Bikeway	\$354,000.00	No
ML16077	City of Rialto	5/3/2018	10/2/2021		\$463,216.00	\$0.00	Pedestrian Access Improvements, Bicycle L	\$463,216.00	No
ML16083	City of El Monte	4/1/2016	4/30/2021	4/30/2023	\$57,210.00	\$0.00	Install EV Charging Infrastructure	\$57,210.00	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML16122	City of Wildomar	6/8/2018	6/7/2019		\$500,000.00	\$0.00	Install Bicycle Lanes	\$500,000.00	No
MS16029	Orange County Transportation Autho	1/12/2018	6/11/2020		\$851,883.00	\$82,000.00	TCM Partnership Program - OC Bikeways	\$769,883.00	No
MS16030	Better World Group Advisors	12/19/2015	12/31/2017	12/31/2019	\$256,619.00	\$203,799.18	Programmic Outreach Services to the MSR	\$52,819.82	No
MS16086	San Bernardino County Transportatio	9/3/2016	10/2/2021		\$800,625.00	\$229,589.91	Freeway Service Patrols	\$571,035.09	No
MS16090	Los Angeles County MTA	10/27/2016	4/26/2020		\$2,500,000.00	\$0.00	Expansion of the Willowbrook/Rosa Parks Tr	\$2,500,000.00	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		\$450,000.00	\$0.00	EV Charging Infrastructure	\$450,000.00	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
MS16110	City of Riverside	10/6/2017	2/5/2025		\$300,000.00	\$0.00	Expansion of Existing CNG Station and Main	\$300,000.00	No
MS16112	Orange County Transportation Autho	4/14/2017	3/13/2024		\$1,470,000.00	\$1,470,000.00	Repower Up to 98 Transit Buses	\$0.00	No
MS16113	Los Angeles County MTA	5/12/2017	4/11/2024		\$1,875,000.00	\$1,781,250.00	Repower Up to 125 Transit Buses	\$93,750.00	No
MS16115	City of Santa Monica	4/14/2017	7/13/2025		\$870,000.00	\$356,250.00	Repower 58 Transit Buses	\$513,750.00	No
MS16117	Omnitrans	4/21/2017	6/20/2023		\$175,000.00	\$166,250.00	Expansion of Existing CNG Infrastructure	\$8,750.00	No
MS16118	Omnitrans	4/21/2017	6/20/2023		\$175,000.00	\$166,250.00	Expansion of Existing CNG Infrastructure	\$8,750.00	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	\$14,250.00	Repower 39 and Purchase 1 New Transit Bu	\$585,750.00	No
MS16123	Orange County Transportation Autho	12/7/2018	11/6/2023		\$91,760.00	\$0.00	Install La Habra Union Pacific Bikeway	\$91,760.00	No
MS16124	Riverside County Transportation Co	12/14/2018	12/14/2019		\$253,239.00	\$28,869.20	Extended Freeway Service Patrols	\$224,369.80	No

Total: 53

Pending Execution Contracts

ML16126	City of Palm Springs				\$40,000.00	\$0.00	Install Bicycle Racks, and Implement Bicycl	\$40,000.00	No
MS16125	San Bernardino County Transportatio				\$1,000,000.00	\$0.00	Traffic Signal Synchronization Projects	\$1,000,000.00	No

Total: 2

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
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
Total: 12									
Closed Contracts									
ML16015	City of Yorba Linda	3/4/2016	11/3/2017		\$85,000.00	\$85,000.00	Install Bicycle Lanes	\$0.00	No
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	No
ML16026	City of Downey	5/6/2016	9/5/2017		\$40,000.00	\$40,000.00	Install EV Charging Infrastructure	\$0.00	No
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
ML16035	City of Wildomar	4/1/2016	11/1/2017		\$500,000.00	\$0.00	Install Bicycle Lanes	\$500,000.00	No
ML16036	City of Brea	3/4/2016	12/3/2018		\$500,000.00	\$500,000.00	Install a Class 1 Bikeway	\$0.00	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
ML16060	City of Cudahy	2/5/2016	10/4/2017		\$73,910.00	\$62,480.00	Implement an "Open Streets" Event	\$11,430.00	No
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	No
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
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
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	No
MS16085	Southern California Regional Rail Au	3/11/2016	9/30/2016		\$78,033.00	\$64,285.44	Special MetroLink Service to Autoclub Spee	\$13,747.56	No
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	No
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	No
MS16095	Orange County Transportation Autho	7/22/2016	5/31/2017		\$694,645.00	\$672,864.35	Implement Special Bus Service to Orange C	\$21,780.65	Yes
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 Au	5/5/2017	9/30/2017		\$80,455.00	\$66,169.43	Provide Metrolink Service to Autoclub Speed	\$14,285.57	Yes
Total: 28									
Closed/Incomplete Contracts									
ML16005	City of Palm Springs	3/4/2016	10/3/2017		\$40,000.00	\$0.00	Install Bicycle Racks, and Implement Bicycl	\$40,000.00	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
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: 3									
Open/Complete Contracts									

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML16011	City of Claremont	10/6/2015	6/5/2022		\$90,000.00	\$90,000.00	Purchase 3 Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML16012	City of Carson	1/15/2016	10/14/2022		\$60,000.00	\$60,000.00	Purchase 2 Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML16021	City of Santa Clarita	10/7/2016	6/6/2024		\$49,400.00	\$49,399.00	Install EV Charging Infrastructure	\$1.00	No
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	No
ML16055	City of Ontario	5/6/2016	5/5/2022		\$270,000.00	\$270,000.00	Purchase Nine Heavy-Duty Natural-Gas Veh	\$0.00	Yes
ML16056	City of Ontario	3/23/2016	9/22/2020	9/22/2021	\$106,565.00	\$106,565.00	Expansion of an Existing CNG Station	\$0.00	Yes
ML16059	City of Burbank	4/1/2016	2/28/2022		\$180,000.00	\$180,000.00	Purchase 6 H.D. Nat. Gas Vehicles	\$0.00	No
ML16061	City of Murrieta	4/27/2016	1/26/2020		\$11,642.00	\$9,398.36	Installation of EV Charging Infrastructure	\$2,243.64	Yes
ML16062	City of Colton	6/3/2016	7/2/2020		\$21,003.82	\$21,003.82	Installation of EV Charging Infrastructure	\$0.00	Yes
ML16063	City of Glendora	3/4/2016	4/3/2022		\$30,000.00	\$30,000.00	Purchase One H.D. Nat. Gas Vehicle	\$0.00	Yes
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	No
ML16079	City of Yucaipa	4/1/2016	3/31/2020		\$5,000.00	\$5,000.00	Purchase Electric Lawnmower	\$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	No
MS16102	Nasa Services, Inc.	2/21/2017	4/20/2023		\$100,000.00	\$100,000.00	Construct a Limited-Access CNG Station	\$0.00	No
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
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	No

Total: 26

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									
ML18019	City of Hidden Hills	5/3/2018	5/2/2022		\$49,999.00	\$43,427.00	Purchase Two Light-Duty ZEVs and EVSE	\$6,572.00	No
ML18020	City of Colton	5/3/2018	4/2/2024		\$67,881.00	\$0.00	Purchase One Medium-Duty and One Heavy	\$67,881.00	No
ML18022	City of Desert Hot Springs	5/3/2018	1/2/2020		\$50,000.00	\$0.00	Traffic Signal and Synchronization Project	\$50,000.00	No
ML18028	City of Artesia	6/28/2018	3/27/2025		\$50,000.00	\$0.00	Install EVSE	\$50,000.00	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
ML18032	City of Arcadia	2/1/2019	4/30/2025		\$24,650.00	\$0.00	Purchase 1 Heavy-Duty Near-ZEV	\$24,650.00	No
ML18033	City of Duarte	8/8/2018	2/7/2025		\$50,000.00	\$0.00	Purchase 1-HD ZEV	\$50,000.00	No
ML18034	City of Calabasas	6/8/2018	3/7/2022		\$50,000.00	\$0.00	Install EVSE	\$50,000.00	No
ML18035	City of Westlake Village	8/8/2018	11/7/2022		\$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
ML18037	City of Westminster	6/28/2018	6/27/2024	12/27/2026	\$120,900.00	\$0.00	Install EVSE, Purchase up to 3-LD ZEV & 1-	\$120,900.00	No
ML18038	City of Anaheim	10/5/2018	5/4/2025		\$221,500.00	\$50,000.00	Purchase 5 Light-Duty ZEVs and Install EVS	\$171,500.00	No
ML18039	City of Redlands	6/28/2018	7/27/2024		\$87,000.00	\$0.00	Purchase 1 Medium/Heavy-Duty ZEV and In	\$87,000.00	No
ML18040	City of Agoura Hills	7/13/2018	6/12/2022		\$50,000.00	\$0.00	Install EV Charging Infrastructure	\$50,000.00	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		\$50,000.00	\$0.00	Install EV Charging Infrastructure	\$50,000.00	No
ML18045	City of Culver City Transportation De	6/28/2018	6/27/2025		\$51,000.00	\$0.00	Purchase Eight Near-Zero Vehicles	\$51,000.00	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	\$0.00	Purchase 5 Heavy-Duty Near-Zero Emission	\$113,910.00	No
ML18048	City of Lynwood	6/28/2018	10/27/2024		\$93,500.00	\$0.00	Purchase Up to 3 Medium-Duty Zero-Emissi	\$93,500.00	No
ML18049	City of Downey	7/6/2018	5/5/2023		\$148,260.00	\$0.00	Install EVSE	\$148,260.00	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 Z	\$227,040.00	No
ML18052	City of Garden Grove	8/8/2018	10/7/2022		\$53,593.00	\$0.00	Purchase 4 L.D. ZEVs and Infrastructure	\$53,593.00	No
ML18053	City of Paramount	9/7/2018	3/6/2023		\$64,675.00	\$0.00	Install EV Charging Infrastructure	\$64,675.00	No
ML18054	City of La Habra Heights	8/8/2018	4/7/2022		\$9,200.00	\$0.00	Purchase 1 L.D. ZEV	\$9,200.00	No
ML18055	City of Long Beach Fleet Services B	11/29/2018	11/28/2026		\$622,220.00	\$0.00	Install EV Charging Stations	\$622,220.00	No
ML18056	City of Chino	3/29/2019	9/28/2023		\$103,868.00	\$0.00	Install EV Charging Infrastructure	\$103,868.00	No
ML18057	City of Carson	10/5/2018	7/4/2023		\$106,250.00	\$0.00	Purchase 5 Zero-Emission Vehicles and Infr	\$106,250.00	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	\$0.00	Purchase 29 Light-Duty Zero Emission Vehi	\$1,367,610.00	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML18061	City of Moreno Valley	4/9/2019	2/8/2025		\$25,000.00	\$0.00	Purchase 1 Heavy-Duty Near-ZEV	\$25,000.00	No
ML18063	City of Riverside	6/7/2019	1/6/2027		\$383,610.00	\$0.00	Expand Existing CNG Station	\$383,610.00	No
ML18064	City of Eastvale	11/29/2018	4/28/2026		\$80,400.00	\$0.00	Purchase 2 Light-Duty, One Medium-Duty. Z	\$80,400.00	No
ML18067	City of Pico Rivera	9/7/2018	11/6/2022		\$83,500.00	\$0.00	Instal EVSE	\$83,500.00	No
ML18069	City of Torrance	3/1/2019	7/31/2027		\$187,400.00	\$0.00	Purchase 4 Heavy-Duty Near-Zero Emission	\$187,400.00	No
ML18070	City of Lomita	11/29/2018	6/28/2022		\$6,250.00	\$0.00	Purchase 1 Light-Duty ZEV	\$6,250.00	No
ML18071	City of Chino Hills	9/7/2018	10/6/2022		\$30,000.00	\$0.00	Purchase 2 Light-Duty ZEVs and Install EVS	\$30,000.00	No
ML18072	City of Anaheim	12/18/2018	11/17/2026		\$239,560.00	\$0.00	Purchase 9 Light-Duty ZEVs & 2 Med/Hvy-D	\$239,560.00	No
ML18074	City of Buena Park	12/14/2018	6/13/2026		\$107,960.00	\$0.00	EV Charging Infrastructure	\$107,960.00	No
ML18076	City of Culver City Transportation De	10/5/2018	10/4/2023		\$1,130.00	\$0.00	Purchase Light-Duty ZEV	\$1,130.00	No
ML18077	City of Orange	11/2/2018	10/1/2022		\$59,776.00	\$0.00	Four Light-Duty ZEV and EV Charging Infr	\$59,776.00	No
ML18078	County of Riverside	10/5/2018	10/4/2028		\$425,000.00	\$100,000.00	Purchase 17 Heavy-Duty Vehicles	\$325,000.00	No
ML18079	City of Pasadena	12/7/2018	11/6/2023		\$183,670.00	\$100,000.00	EV Charging Infrastructure	\$83,670.00	No
ML18080	City of Santa Monica	1/10/2019	12/9/2023		\$121,500.00	\$0.00	Install EV Charging Stations	\$121,500.00	No
ML18081	City of Beaumont	10/5/2018	10/4/2022		\$31,870.00	\$0.00	EV Charging Infrastructure	\$31,870.00	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
ML18085	City of Orange	4/12/2019	10/11/2026		\$50,000.00	\$0.00	Purchase Two Heavy-Duty Near-Zero Emiss	\$50,000.00	No
ML18086	City of Los Angeles Bureau of Street	2/8/2019	4/7/2023		\$300,000.00	\$0.00	Install Sixty EV Charging Stations	\$300,000.00	No
ML18087	City of Murrieta	3/29/2019	3/28/2025		\$143,520.00	\$0.00	Install Four EV Charging Stations	\$143,520.00	No
ML18088	City of Big Bear Lake	11/29/2018	8/28/2020		\$50,000.00	\$0.00	Install Bicycle Trail	\$50,000.00	No
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
ML18095	City of Gardena	11/9/2018	12/8/2024		\$25,000.00	\$0.00	Purchase Heavy-Duty Near-ZEV	\$25,000.00	No
ML18097	City of Temple City	11/29/2018	7/28/2022		\$16,000.00	\$0.00	Purchase Two Light-Duty ZEVs	\$16,000.00	No
ML18098	City of Redondo Beach	2/1/2019	3/31/2023		\$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
ML18101	City of Burbank	2/1/2019	4/30/2024		\$137,310.00	\$0.00	Install Twenty EV Charging Stations	\$137,310.00	No
ML18126	City of Lomita	12/7/2018	1/6/2020		\$26,500.00	\$0.00	Install bicycle racks and lanes	\$26,500.00	No
ML18127	City of La Puente	2/1/2019	2/28/2023		\$27,800.00	\$0.00	Purchase One Light-Duty ZEV & Install One	\$27,800.00	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	9/30/2019	\$106,480.00	\$0.00	Install Twenty-One EVSEs	\$106,480.00	No
ML18131	City of Los Angeles, Police Departm	5/3/2019	12/2/2022		\$19,294.00	\$0.00	Purchase Three Light-Duty ZEVs	\$19,294.00	No
ML18132	City of Montclair	4/5/2019	9/4/2023		\$50,000.00	\$0.00	Install Eight EVSEs	\$50,000.00	No
ML18133	City of Rancho Mirage	12/7/2018	11/6/2020		\$50,000.00	\$0.00	Traffic Signal Synchronization	\$50,000.00	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML18134	City of Los Angeles, Department of	5/3/2019	5/2/2028		\$290,000.00	\$0.00	Purchase Five Medium-Duty ZEVs	\$290,000.00	No
ML18136	City of Orange	4/12/2019	8/11/2024		\$42,500.00	\$0.00	Purchase Four Light-Duty ZEVs and Install	\$42,500.00	No
ML18137	City of Wildomar	3/1/2019	5/31/2021		\$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	\$9,499.90	Install Four EVSEs and Install Bicycle Racks	\$40,500.10	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
ML18142	City of La Quinta	4/24/2019	2/23/2023		\$51,780.00	\$0.00	Install Two EV Charging Stations	\$51,780.00	No
ML18146	City of South Gate	3/1/2019	11/30/2023		\$127,400.00	\$0.00	Purchase Five Light-Duty ZEVs and Install T	\$127,400.00	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
ML18153	City of Cathedral City	5/3/2019	4/2/2025		\$52,215.00	\$0.00	Install EV Charging Infrastructure	\$52,215.00	No
ML18156	City of Covina	2/1/2019	3/31/2023		\$63,800.00	\$0.00	Purchase Four Light-Duty ZEVs and EV Cha	\$63,800.00	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
ML18160	City of Irwindale	3/29/2019	12/28/2022		\$14,263.00	\$0.00	Purchase Two Light-Duty ZEVs	\$14,263.00	No
ML18161	City of Indio	5/3/2019	10/2/2025		\$50,000.00	\$0.00	Purchase 1 Light-Duty Zero Emission, 1 Hea	\$50,000.00	No
ML18163	City of San Clemente	3/8/2019	12/7/2024		\$85,000.00	\$0.00	Purchase Three Light-Duty ZEVs and EV Ch	\$85,000.00	No
ML18165	City of Baldwin Park	2/1/2019	1/30/2024		\$49,030.00	\$0.00	Expand CNG Station	\$49,030.00	No
ML18167	City of Beverly Hills	3/29/2019	6/28/2025		\$50,000.00	\$0.00	Purchase Two Heavy-Duty Near-Zero Emiss	\$50,000.00	No
ML18168	City of Maywood	3/29/2019	11/28/2022		\$7,059.00	\$0.00	Purchase EV Charging Infrastructure	\$7,059.00	No
ML18169	City of Alhambra	6/14/2019	8/13/2024		\$111,980.00	\$0.00	Install EV Charging Infrastructure	\$111,980.00	No
ML18171	City of El Monte	3/1/2019	4/30/2025		\$119,757.00	\$0.00	Purchase One Heavy-Duty ZEVs and EV Ch	\$119,757.00	No
ML18172	City of Huntington Park	3/1/2019	2/28/2025		\$65,450.00	\$0.00	Purchase One Heavy-Duty ZEV	\$65,450.00	No
ML18173	City of Manhattan Beach	3/29/2019	2/28/2023		\$49,000.00	\$0.00	Purchase Two Light-Duty ZEVs and EV Cha	\$49,000.00	No
ML18176	City of Coachella	3/1/2019	11/30/2024		\$58,020.00	\$0.00	Install EV Charging Stations	\$58,020.00	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
MS18002	Southern California Association of G	6/9/2017	11/30/2018	12/30/2019	\$2,500,000.00	\$593,455.98	Regional Active Transportation Partnership	\$1,906,544.02	No
MS18003	Geographics	2/21/2017	2/20/2021		\$62,953.00	\$54,244.86	Design, Host and Maintain MSRC Website	\$8,708.14	No
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	No
MS18006	Anaheim Transportation Network	10/6/2017	2/28/2020		\$219,564.00	\$9,488.22	Implement Anaheim Circulator Service	\$210,075.78	No
MS18008	Foothill Transit	1/12/2018	3/31/2019		\$100,000.00	\$99,406.61	Special Transit Service to LA County Fair	\$593.39	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
MS18010	Southern California Regional Rail Au	12/28/2017	7/31/2019		\$351,186.00	\$275,490.61	Implement Special Metrolink Service to Unio	\$75,695.39	No
MS18012	City of Hermosa Beach	2/2/2018	2/1/2024		\$36,000.00	\$0.00	Construct New Limited-Access CNG Station	\$36,000.00	No
MS18014	Regents of the University of Californi	10/5/2018	12/4/2019		\$254,795.00	\$206,604.79	Planning for EV Charging Infrastructure Inve	\$48,190.21	No
MS18015	Southern California Association of G	7/13/2018	2/28/2021		\$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	\$60,720.54	Weekend Freeway Service Patrols	\$439,279.46	No
MS18024	Riverside County Transportation Co	6/28/2018	8/27/2021		\$1,500,000.00	\$230,670.00	Vanpool Incentive Program	\$1,269,330.00	No
MS18025	Los Angeles County MTA	11/29/2018	5/31/2019		\$1,324,560.00	\$0.00	Special Bus and Train Service to Dodger Sta	\$1,324,560.00	No
MS18026	Omnitrans	10/5/2018	1/4/2020		\$83,000.00	\$0.00	Modify Vehicles Maintenance Facility and Tr	\$83,000.00	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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	\$0.00	Implement Metrolink Line Fare Discount Pro	\$2,000,000.00	No
MS18073	Los Angeles County MTA	1/10/2019	2/9/2026		\$2,000,000.00	\$0.00	Purchase 40 Zero-Emission Transit Buses	\$2,000,000.00	No
MS18103	Orange County Transportation Autho	2/8/2019	9/7/2020		\$642,000.00	\$0.00	Install Hydrogen Detection System	\$642,000.00	No
MS18105	Southern California Regional Rail Au	1/10/2019	6/30/2019		\$252,696.00	\$0.00	Special Train Service to the Festival of Light	\$252,696.00	No
MS18106	R.F. Dickson Co., Inc.	7/19/2019	1/18/2026		\$265,000.00	\$0.00	Expansion of Existing Infrastructure/Mechani	\$265,000.00	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
MS18112	Banning Unified School District	11/29/2018	11/28/2024		\$275,000.00	\$0.00	Install New CNG Infrastructure	\$275,000.00	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
MS18117	City of San Bernardino	6/7/2019	11/6/2025		\$240,000.00	\$0.00	Expansion of Existing CNG Infrastructure/Me	\$240,000.00	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
MS18120	City of Redondo Beach	2/1/2019	9/30/2025		\$275,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$275,000.00	No
MS18122	Universal Waste Systems, Inc.	2/1/2019	3/31/2025		\$200,000.00	\$0.00	Install New Limited Access CNG Infrastructur	\$200,000.00	No
MS18123	City Rent A Bin DBA Serv-Wel Dispo	12/14/2018	2/13/2025		\$200,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$200,000.00	No
MS18125	US Gain	5/9/2019	8/8/2025		\$200,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$200,000.00	No
MS18175	Regents of the University of Californi	6/7/2019	8/6/2025		\$1,000,000.00	\$0.00	Expansion of Existing Hydrogen Station	\$1,000,000.00	No

Total: 126

Pending Execution Contracts

ML18068	City of Mission Viejo				\$125,690.00	\$0.00	Purchase 2 Light-Duty ZEVs, Install EVSE &	\$125,690.00	No
ML18082	City of Los Angeles Bureau of Sanita				\$900,000.00	\$0.00	Purchase Medium-Duty Vehicles and EV Ch	\$900,000.00	No
ML18084	City of South El Monte				\$30,000.00	\$0.00	EV Charging Infrastructure	\$30,000.00	No
ML18089	City of Glendora				\$50,760.00	\$0.00	Purchase a medium-duty ZEV	\$50,760.00	No
ML18096	City of Highland				\$70,210.00	\$0.00	Purchase Light-Duty ZEV and Install Three	\$70,210.00	No
ML18100	City of Brea				\$56,500.00	\$0.00	Install Thirteen EV Charging Stations	\$56,500.00	No
ML18128	City of Aliso Viejo				\$65,460.00	\$0.00	Purchase Two Light-Duty ZEVs and Install S	\$65,460.00	No
ML18135	City of Azusa				\$55,000.00	\$0.00	Purchase Three Light-Duty ZEVs and One H	\$55,000.00	No
ML18139	City of Calimesa				\$50,000.00	\$0.00	Install Bicycle Lane	\$50,000.00	No
ML18141	City of Rolling Hills Estates				\$40,000.00	\$0.00	Purchase One Light-Duty ZEV and Install T	\$40,000.00	No
ML18143	City of La Habra				\$80,700.00	\$0.00	Install Two EVSEs	\$80,700.00	No
ML18144	City of Fontana				\$269,090.00	\$0.00	Install Twelve EVSEs	\$269,090.00	No
ML18145	City of Los Angeles Dept of Transpor				\$1,400,000.00	\$0.00	Provide One Hundred Rebates to Purchaser	\$1,400,000.00	No
ML18148	City of San Dimas				\$50,000.00	\$0.00	Implement Bike Share Program	\$50,000.00	No
ML18149	City of Sierra Madre				\$50,000.00	\$0.00	Implement Bike Share Program	\$50,000.00	No
ML18150	City of South El Monte				\$20,000.00	\$0.00	Implement Bike Share Program	\$20,000.00	No
ML18151	County of San Bernardino Departme				\$200,000.00	\$0.00	Purchase Eight Heavy-Duty Near Zero Emis	\$200,000.00	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML18152	County of San Bernardino Flood Con				\$108,990.00	\$0.00	Purchase Five Heavy-Duty Near Zero Emissi	\$108,990.00	No
ML18154	City of Hemet				\$30,000.00	\$0.00	Purchase Two Light-Duty ZEV and EV Char	\$30,000.00	No
ML18155	City of Claremont				\$50,000.00	\$0.00	Install EV Charging Infrastructure	\$50,000.00	No
ML18158	City of Inglewood				\$146,000.00	\$0.00	Purchase 4 Light-Duty Zero Emission, 4 Me	\$146,000.00	No
ML18159	City of Rialto				\$135,980.00	\$0.00	Purchase Nine Light-Duty ZEVs and EV Cha	\$135,980.00	No
ML18162	City of Costa Mesa				\$148,210.00	\$0.00	Purchase Four Light-Duty ZEVs and EV Cha	\$148,210.00	No
ML18164	City of Pomona				\$200,140.00	\$0.00	Purchase Three Heavy-Duty ZEVs	\$200,140.00	No
ML18166	City of Placentia				\$25,000.00	\$0.00	Purchase One Heavy-Duty Near-Zero Emiss	\$25,000.00	No
ML18170	City of Laguna Niguel				\$85,100.00	\$0.00	Purchase Two Light-Duty ZEVs and EV Cha	\$85,100.00	No
ML18174	City of Bell				\$25,000.00	\$0.00	Purchase One Heavy-Duty ZEV	\$25,000.00	No
ML18178	City of La Puente				\$25,000.00	\$0.00	Purchase One Heavy-Duty Near-Zero Emiss	\$25,000.00	No
MS18066	El Dorado National				\$100,000.00	\$0.00	Install New Limited-Access CNG Station	\$100,000.00	No
MS18102	Orange County Transportation Autho				\$1,146,000.00	\$0.00	Implement OC Flex Micro-Transit Pilot Proje	\$1,146,000.00	No
MS18104	Orange County Transportation Autho				\$212,000.00	\$0.00	Implement College Pass Transit Fare Subsi	\$212,000.00	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
MS18114	Los Angeles County Department of P				\$175,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$175,000.00	No
MS18116	Los Angeles County Department of P				\$175,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$175,000.00	No
MS18121	City of Montebello				\$70,408.00	\$0.00	Expansion of Existing CNG Infrastructure	\$70,408.00	No
MS18124	County Sanitation Districts of Los An				\$275,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$275,000.00	No

Total: 37

Declined/Cancelled Contracts

ML18075	City of Orange				\$25,000.00	\$0.00	One Heavy-Duty Vehicle	\$25,000.00	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
MS18111	Newport-Mesa Unified School Distric				\$175,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$175,000.00	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

Total: 7

Closed Contracts

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	No
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	No
MS18011	Southern California Regional Rail Au	2/9/2018	6/30/2018		\$239,565.00	\$221,725.12	Special Train Service to Festival of Lights	\$17,839.88	Yes
MS18016	Southern California Regional Rail Au	1/10/2019	3/31/2019		\$87,764.00	\$73,140.89	Special Train Service to Auto Club Speedwa	\$14,623.11	No

Total: 4

Open/Complete Contracts

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

Total: 3

AGENDA ITEM #4

AB 2766 Discretionary Fund Financial Report

**AB 2766 Discretionary Fund
Financial Report - July 2019**

Available Funding as of July 31, 2019 (a)	\$ 42,809,471
Less Awards by Work Program: (b)	
FY 2014-16	\$ (499,973)
FY 2016-18	(7,250,560)
FY 2018-21	<u>(1,508,893)</u>
Total Awards by Work Program:	(9,259,426)
Less Balance of FY 2016-18 & FY 2018-21 Work Programs (funding not yet awarded)	<u>(7,336,515)</u>
Sub-total - Surplus/(Deficit)	\$ 26,213,530
Estimated Revenue (d)	<u>33,953,121</u>
Estimated Available for the FY 2018-2021 Work Program	<u>\$ 60,166,652</u>

Notes:

- (a) Cash less: open commitments on executed contracts, balance on administrative budget and \$500,000 reserve.
- (b) Information provided by MSRC contracts staff. (Awards = Board approved contracts pending execution)
- (c) FY 2016-18 & FY 2018-20 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	58,753	58,753	-	-
Programmatic Outreach Coordinator	136,619	136,619	-	-
Major Event Center Transportation Program - (PA2017-05)	3,912,829	3,912,829	-	-
Natural Gas Infrastructure Program	3,345,000	2,230,000	1,115,000	-
Local Government Match	15,336,355	10,558,795	4,777,560	-
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	6,642,000	1,358,000	-
FY 2016-18 Totals	\$ 39,745,251	\$ 30,494,691	\$ 7,250,560	\$ 2,000,000

FY 2018-21 Work Program	Total	Executed Contracts	Awarded	Balance
Major Event Center Transportation Program	\$ 6,500,000	\$ -	\$ 1,163,485	\$ 5,336,515
MSRC Website Hosting & Maintenance	6,000	6,000	-	-
Natural Gas Infrastructure Program	1,083,180	737,772	345,408	-
FY 2018-21 Totals	\$ 7,589,180	\$ 743,772	\$ 1,508,893	\$ 5,336,515

- (d) Estimated revenue is the FY 2018-19, FY2019-20 and FY 2020-21 full year estimates less revenue received. Any change to Health & Safety Code 44243 could affect future revenue.

AGENDA ITEM #5

Contract Modification Request by
City of Hemet

MSRC Agenda Item No. 5

DATE: August 15, 2019

FROM: Cynthia Ravenstein, MSRC Contracts Administrator

SUBJECT: Reduce Vehicles from Two to One and 26-Month Term Extension by City of Hemet, Contract #ML12043

SYNOPSIS: The City requests to reduce the number of vehicles to be purchased from two to one, with a corresponding reduction in value. The City also requests a 26-month term extension, due to delays associated with new Finance Department procedures, as part of the FY 2011-12 Local Government Match Program.

FINANCIAL IMPACT: If the MSRC approves the City's request, the contract value would be reduced from \$60,000 to \$30,000. \$30,000 would revert to the AB 2766 Discretionary Fund.

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

ATTACHMENTS: Contractor's letter requesting modification

DISCUSSION:

Contractor: City of Hemet

Project Title: Purchase Two Heavy-Duty CNG Vehicles

MSRC Funding: \$60,000

Project Term: June 24, 2013 to September 23, 2019

Current Request: Reduce vehicles to one, reduce value to \$30,000 and 26-month extension

Previous Requests: None

Project Description: The City was awarded \$60,000 under the MSRC's FY 2011-12 Local Government Match Program towards the purchase of two heavy-duty CNG vehicles. One dump truck has been placed into service; nothing has been paid to date.

Contract Request: The City indicates that new requirements implemented by their Finance Department slowed down the purchasing process, delaying the purchase of their CNG dump truck. It was placed into service in November 2016.

The purchase of the second vehicle which the City had planned under this contract, a vactor truck, has been delayed while the City is evaluating their current services being provided. The City is requesting that the tasks and funding associated with this vehicle be removed from the contract. This would result in a reduction in the number of vehicles from two to one, and a reduced contract value of \$30,000. The other \$30,000 would revert to the AB 2766 Discretionary Fund.

Lastly, in order to allow for fulfillment of the five-year operational requirement for the dump truck, the City requests a 26-month contract term extension.

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



City of Hemet

June 27, 2019

Ms. Leah Alfaro
MSRC Contracts Administration
SCAQMD/MSRC
21865 Copley Drive
Diamond Bar, CA 91765

RE: Contract #AB2766/ML12043 – Purchase 2 Heavy-Duty CNG Vehicles

In June 2012, the City of Hemet applied for funding through the MSRC Local Government Match Program, requesting \$60,000 toward the purchase of two CNG heavy duty vehicles. The purchase of a CNG dump truck was expected to take place in November 2014 but was postponed until June 2016 due to new requirements implemented by the City's Finance Department at that time, which slowed down the purchasing process. The CNG dump truck was delivered and put into service on November 9, 2016.

The City of Hemet would like to formally request a 26-month extension/modification to contract no. ML12043 to cover the 5-year operational requirement for the CNG dump truck.

The City of Hemet had also requested funding to assist in the purchase of a CNG vector truck. The City has delayed the purchase of a CNG vector truck as we are evaluating our current services being provided. Based on a conversation with MSRC staff, the City acknowledges that an additional 5 year contract extension is not a feasible option for contract no. ML12043. We understand that the \$30,000 awarded to the City of Hemet through this contract will revert back to MSRC. We also understand that we may continue to apply for grant funding opportunities in the future. At this time, please remove the purchase of a CNG vector truck from the contract.

The City would like to thank you for considering our request. If you have any questions or concerns, please do not hesitate to reach out to me.

Sincerely,

Avie Barron
Executive Analyst
(951) 765-3880
abarron@cityofhemet.org

AGENDA ITEM #6

Contract Modification Request by
City of Eastvale

MSRC Agenda Item No. 6

DATE: August 15, 2019

FROM: Cynthia Ravenstein, MSRC Contracts Administrator

SUBJECT: Increase Stations from Six to Twenty and Two-Year Term Extension by City of Eastvale, Contract #ML16040

SYNOPSIS: As a result of lower than anticipated costs and proposed changes in the proposed locations, the City requests to increase the number of stations to be installed from six (two limited access and four public access) to twenty public access. The City also requests a two-year term extension due to the location changes, as part of the FYs 2014-16 Local Government Match Program.

FINANCIAL IMPACT: None

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

ATTACHMENTS: Contractor's letter requesting modification

DISCUSSION:

Contractor: **City of Eastvale**

Project Title: Install EV Charging Stations

MSRC Funding: \$110,000

Project Term: January 6, 2017 to July 5, 2022

Current Request: Two-year term extension

Previous Requests: None

Project Description: The City was awarded \$110,000 under the MSRC's FYs 2014-16 Local Government Match Program towards the installation of two Level II, limited access charging stations at its planned fire station, and four Level II, public access charging stations at its planned City Hall. Nothing has been paid and no work has been completed to date.

Contract Request: The City indicates that they have had difficulty searching for their permanent City Hall location, and they have not yet determined a final location. Rather than install the charging stations at the fire station and City Hall, the City now proposes to install all

public access stations at commercial properties. Due to the changes in locations, lower than anticipated costs, and expected co-funding from developers, the City also requests to increase the number of stations from six to twenty. Lastly, in order to allow for fulfillment of the three-year operational requirement, the City requests a two-year contract term extension.

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



July 16, 2019

South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765-4178
Attn: Cynthia Ravenstein

RE: Request to Amend Contract Number ML16040

The existing contract number ML16040 between the South Coast Air Quality Management District (SCAMD) and City of Eastvale (City) states installation of two (2) Level II type EV charging stations at the Fire Station located at 14491 Chandler Street and four (4) Level II type EV charging stations at a future City Hall. The City would like to request to amend the contract in order to install the following EV charging stations:

- Five (5) dual Level II charging stations at the Eastvale Gateway
- Five (5) dual Level II charging stations at The Station/Goodman Commerce Center*
- Five (5) dual Level II charging stations at The Merge*
- Five (5) dual Level II charging stations at Hamner Place*

*These locations are tentative. The City will notify AQMD staff of any location changes.

The City is also requesting a 2-year extension to the contract. The City's plan was to install EV charging stations at the Future City Hall. However, as a young City, the City had difficulty searching for a permanent City Hall location which delayed the EV charging station installation process. The City has not yet determined the permanent City Hall location. However, the City has been working with several developers to install the above proposed charging stations that would be available for the public. Current contract terminates on July 5, 2022, and if this request is granted, the new termination date would be July 5, 2024.



12363 Limonite Avenue, Suite #910 • Eastvale, CA 91752
(951) 361-0900 • Fax: (951) 361-0888 • www.EastvaleCA.gov

Please consider this letter as a formal request to amend the contract. Feel free to contact me with any questions or concerns at (951) 703-4480 or kwright@eastvaleca.gov.

Sincerely,

Kimberly Wright
Economic Development Manager

AGENDA ITEM #7

Consider Exercising Option with Geographics for
MSRC Website Hosting & Maintenance

MSRC Agenda Item No. 7

DATE: August 15, 2019

FROM: Cynthia Ravenstein, MSRC Contracts Administrator

SUBJECT: Execution of Two-Year Option for Hosting and Maintenance of the MSRC Website, Contract #MS18003

SYNOPSIS: Geographics currently hosts and maintains the www.CleanTransportationFunding.org website they developed for the MSRC under Contract #MS18003. This contract includes an option for a two-year contract term extension. Due to an error when the contract was originally written, the contract term goes to February 20, 2021. However, the contract only provides hosting and maintenance funding through July 2019. MSRC staff recently reviewed Geographic's performance, and found that Geographics was performing well in hosting and maintaining the site.

RECOMMENDATION: The MSRC-TAC considered the recommendation of MSRC staff and recommends that the MSRC execute the two-year option for Contract #MS18003, increasing the contract amount by \$7,500.

FISCAL IMPACT: Sufficient funding for this contract value increase is available in the AB 2766 Discretionary Fund and will be included in the FYs 2018-21 Work Program.

Discussion:

Following an open RFP process, the MSRC entered into its current contract with Geographics for design, hosting and maintenance of the MSRC website beginning February 21, 2017. The contract allowed for a two-year extension, contingent upon allocation of funds by the MSRC and approval by the South Coast AQMD Governing Board.

Due to an error when the contract was originally written, the contract does not expire until February 20, 2021. However, the contract only provides hosting and maintenance funding through July 2019. Given the lack of funding for ongoing hosting and maintenance, MSRC staff reviewed Geographics' performance over the term of the contract with an eye towards consideration of the option.

In developing the new site, Geographics worked well with MSRC staff and other key stakeholders in assessing needs. Geographics subsequently developed a flowchart, creative design, and beta version of the site before developing the version which was launched.

Subsequent to launch of the new site, Geographics worked with MSRC staff to identify and resolve functionality issues. Geographics also provided both initial and supplemental training to MSRC staff and other authorized users such as Better World Group staff.

After the initial launch and bug resolution period, Geographics has been quick to respond to any problems identified by MSRC staff. Geographics has fulfilled three Task Orders during this period, and is currently working on a fourth:

1. Renew domain registrations
2. Establish e-mail service for MSRC staff
3. Add Google Translate to site
4. Implement home page and other design updates (in progress)

The MSRC staff consensus is that Geographics is performing well in hosting and maintaining the site. Based on its evaluation process, MSRC staff finds that Geographics has met all responsibilities identified in their contract. Currently, the contract has a value of \$62,953 with a remaining balance of approximately \$8,700, almost all of which is allocated for Miscellaneous Costs (software licenses, domain registrations, browser upgrades, software upgrades, and debugging of new file formats) and Website Revisions. MSRC staff recommended that Geographic's contract option be exercised, increasing the contract amount by \$7,500.

Recommendations: The MSRC-TAC considered the recommendation of MSRC staff and recommends that Geographic's contract option be exercised, increasing the contract amount by \$7,500 for a new total contract amount of \$70,040. Sufficient funding for this contract is available in the AB 2766 Discretionary Fund and will be included in the FYs 2018-21 Work Program.

Next Steps: If approved by the MSRC, the SCAQMD Governing Board will consider the allocation of \$7,500 for two years' continued hosting and maintenance of the MSRC website at their September 6, 2019 meeting.

AGENDA ITEM #8

Consider Application Received Under the
Major Event Center Transportation Program

MSRC Agenda Item No. 8

DATE: August 15, 2019

FROM: Steven Lee, MSRC-TAC Event Center Subcommittee Chair

SUBJECT: Consider Award of \$468,298.23 in MSRC **Clean Transportation Funding™** for Implementation of the OCTA Orange County Fair Express Bus Service for the 2019 and 2020 Fair seasons.

SYNOPSIS: In response to MSRC Program Announcement PA2019-03, Major Event Center Transportation Programs, the Orange County Transportation Authority (OCTA) requests funding to implement the Orange County Fair Express Bus Service for the 2019 and 2020 seasons.

The Orange County Fair Express will implement express transportation service between five existing transit facilities and the Orange County Fair (Fair). The Fair Express will provide service on Saturdays and Sundays for all five weekends of the 2019 and 2020 Fair seasons. The total project cost is estimated at \$986,111.23. OCTA and the Orange County Fair and Event Center will collectively contribute no less than \$517,813 towards development and procurement of outreach and promotional materials, as well as fare box revenue and fair ticket discounts for riders. The MSRC is asked to contribute \$468,298.23 in **Clean Transportation Funding™** to offset operating costs. The services will include 15 – 40 minute bus transportation to and from the Fullerton Park & Ride, the Village at Orange, the Anaheim Regional Transportation Intermodal Center (ARTIC), Santa Ana Regional Transportation Center, Goldenwest Transportation Center, Anaheim Canyon MetroLink Station, Laguna Hills Transportation Center, Irvine Transportation Center, and the Laguna Niguel/Mission Viejo Metrolink Station.

WORK PROGRAM **Clean Transportation Funding™** to co-fund the OCTA Orange County Fair
IMPACT: Express would be allocated from the FY 2018-'21 MSRC Discretionary Fund.

ORANGE COUNTY FAIR EXPRESS: OCTA requests that the MSRC consider an award of \$468,298.23 to implement express bus services between existing transit facilities and the Orange County Fair (the Fair). The Orange County Fair Express will provide service on Saturday and Sunday for all five weekends of the 2019 and 2020 Fair seasons. The OC Fair Express will promote the use of existing public transit (bus and rail) to the Fair in lieu of personal automobile.

MSRC **Clean Transportation Funding™** would be applied to transportation costs for the express bus service between existing transit facilities and the Fair. These locations include:

- Fullerton Park & Ride;
- Anaheim Regional Transportation Intermodal Center (ARTIC);
- Goldenwest Transportation Center (Huntington Beach);
- Anaheim Canyon Metrolink Station;
- Laguna Hills Transportation Center;
- Irvine Transportation Center;
- Laguna Niguel/Mission Viejo Metrolink Station;
- The Village at Orange;
- Santa Ana Regional Transportation Center.

The standard base fare on the Orange County Fair Express will be \$2.00; however, riders will also receive a \$4.00 reduced admission ticket to the Fair – a \$10.00 discount off the regular admission price.

Specific attributes of the proposed bus service include the following:

- OCTA will deploy “near-zero” CNG buses and debut their New Flyer XHE-40 zero-emission hydrogen fuel cell bus. 2019 Fair Express service will begin on Saturday, July 13th, and continuing through Sunday, August 11th, 2019. The service will be provided on weekends to target the days of highest Fair attendance.
- Service on the nine (9) routes are planned to run with 15 – 40 minute headways for up to 13 hours per day, with the first buses arriving at 11:00 am and the last bus departing the fairgrounds at midnight.
- Drop-off will be at Fair front entrance gate, with pick-up in same location

OCTA Co-funding Contribution to the Orange County Fair Flyer Program: OCTA and its project partners will provide \$517,813 in co-funding contributions to the operation and marketing of the Orange County Fair Express Event Center program. This will include fair box revenue, marketing design and production, and advertizing and marketing purchases. Marketing and promotion provided by OCTA will include, but is not limited to:

Outdoor

Metrolink stations signage: Banner ads will be placed at all Metrolink stations along the OC Line and IEOC Lines announcing the service in Orange and Riverside counties.

OCTA bus stations signage: Banners placed on light poles positioned around the perimeters of each of the route origination locations announcing the service.

Transit centers signage: Signage will be placed on existing kiosks at each of the transit centers with an OC Express route origination point; up to two per transit center.

Shopping Mall Advertising: Hanging banners will be placed in shopping malls near origination locations of selected shopping malls.

Movie Theater Advertising: Various tactics will be utilized to create awareness for movie goers in the areas around the stations to include foyer banners, on screen messages and banner ads.

Print

Current OCTA Customers: A variety of materials will be produced and distributed to create awareness among current bus and Metrolink customers.

Special fair service schedules with routes: Approximately 70,000 schedules will be distributed as follows:

- Placement in pamphlet holders at OC Metrolink Stations
- Placement on-board all OCTA buses
- Placement in pamphlet holders at OCTA bus transit centers
- Placement at the information booth at the Orange County Fair
- Distributed to area libraries and community centers
- Distributed to partner shopping centers near OC Fair Express route originations

Newspaper Ads: Advertisements will be placed in the Orange County Register, local ethnic newspapers (Spanish, Chinese, and Vietnamese) and city newspapers within service area to provide information about the event and bus service.

Newsletters: Articles will be published in various OCTA and Metrolink digital newsletters:

- Service advertisements/flyers
- OC Fair print at home ticket ads

Digital Communications

OCTA Website: A dedicated page for OC Fair Express service will be created, and banner ads will be placed throughout the OCTA website.

Social Media Presence: Interactive posts will be created on OCTA's various Facebook pages.

Email Notifications: Email notices and reminders will be sent to OCTA's email database, as well as previous OC Fair Express customers.

Newsletters: Articles will be published in various OCTA electronic newsletters.

Online and Mobile Banner Ads: Ads will be purchased on facebook.com and various media outlets, such as CBS.com

OCTA website promos/contests

OCTA "On the Move" blog article

Blogs: Work with Orange County bloggers to post information about the service on their blogs.

Press Releases Through OCTA, Metrolink, Riverside Transit Agency, OC Fair & Event Center, Amtrak, etc.

OC Fair &

Event Center Partnership

Special Fare Incentive: A \$4 admission coupon to the Orange County Fair for all OC Fair Express customers is anticipated to help promote the service. This special coupon would be given to passengers upon boarding to be redeemed at the Orange County Fair box office upon arrival.

Social Media Presence: OC Fair Express service will be included in the Orange County Fair social media campaign.

OC Fair Daily Schedule and Mini Fair Brochure: Advertisement for the service will be published in the daily fair event schedule, which is a publication that changes each day.

OC Fair Souvenir Program: Information will be placed in souvenir publication.

OC Fair Website Information: Information will be placed on Orange County website throughout the special event, parking and transportation pages.

Newspaper Ads: Advertisements will be placed in the Orange County Register

Outreach

Flyers to cities, libraries, community centers, colleges, employers, and other outreach events

PSA's to Orange County cities

Facebook.com online banner ads

Google Ad words online banner ads

OCTA social media posts and special page. Other Facebook accounts including Angels, Little Leagues, Anaheim, cities

General Public: A variety of materials will be produced and distributed to create awareness among the general public and those who are not current or frequent transit users.

Public Relations Outreach: Coordinated outreach activities will be supported by both OCTA and the Orange County Fair to ensure maximum exposure for both the Orange County Fair and the supporting bus service.

Events

A Kick-off event at a selected transit location will be scheduled to promote and create awareness of the service.

OCTA Buses -

Interior/Exterior

On-board bus signage: Interior ad signage will be placed on all OCTA fixed route buses in both English and Spanish (1,200 total qty.)

Bus exterior ads: Large bus exterior ads will be placed on selected bus routes that travel near the pick-up locations (approximately 15-20 ads).

Survey(s) On-board and in app customer surveys will be conducted to gather customer feedback about the service. The information will be used to identify opportunities to improve the service and maximize its benefits to the community. The information collected will also be used to develop and implement the program continuation plan.

Funding Request: OCTA requests \$468,298.23 in MSRC **Clean Transportation Funding™** for implementation of the Orange County Fair Express. This will be matched with \$517,813 in co-funding from OCTA. Total project cost for the 2019 and 2020 fair seasons is \$986,111.23.

Emission Reduction Benefits: The Orange County Fair Flyer transportation program will result in direct and tangible emission reductions by eliminating automobile vehicle miles traveled (VMT) and automobile trips. The availability of the Orange County Fair Express service will allow Fair attendees to utilize public transportation for all or a portion of their trip to and from the Fair. The transportation program will be integrated with other public transit modes, including existing bus and MetroLink service. In addition, fairgoers can also access the service by bicycle through Orange County's existing bikeway system and supporting bike amenities that are available at transit facilities. Thus, the Orange County Fair Flyer will provide the essential "missing link" in an alternative transportation commute to the Fair. OCTA has agreed to provide the MSRC data on Orange County Fair Express usage that will allow quantification of emission reduction benefits.

In addition, the use of high capacity near-zero and zero-emission buses will eliminate automobile traffic in and around the Fair. Fewer automobiles accessing the Fair will result in reduced congestion for all motorists on adjacent arterial streets and freeways. Elimination of traffic congestion, especially reductions in automobile stop and go driving and queuing, has a direct link to reduced vehicle exhaust emissions.

MSRC-TAC Recommendation: The MSRC-TAC reviewed the OCTA Proposal and deemed it compliant with all requirements stipulated in MSRC Program Announcement PA 2019-03. The MSC-TAC recommends that the MSRC approve OCTA's funding request.

Next Steps: Following MSRC review and approval, the funding request will be forwarded to the South Coast AQMD Governing Board for consideration at their September 6, 2019 meeting.

AGENDA ITEM #9

Consider Recommendation for
Programmatic Outreach Services for MSRC



MSRC Agenda Item No. 9

- DATE:** August 15, 2019
- FROM:** Dan York, MSRC-TAC Chair
- SUBJECT:** Consider Evaluation Panel’s Recommendation for Programmatic Outreach Services for the MSRC
- SYNOPSIS:** In keeping with the MSRC practice of re-competing technical and programmatic services contracts after the base contract and options have been exercised, the MSRC approved the release of a Request for Proposals (RFP) for the solicitation of Programmatic Outreach Services. The selected contractor would assist in promoting the MSRC’s **Clean Transportation Funding**TM programs, as well as providing outreach assistance to current and prospective MSRC project implementers. The RFP was released on May 3, 2019, with a June 19, 2019 deadline for proposal submission, and a targeted funding level not to exceed \$250,000 for the initial three-year period. Two proposals were received in response to the RFP. An evaluation panel composed of MSRC-TAC members has reviewed, scored and ranked each proposal submitted.
- RECOMMENDATION:** The MSRC-TAC considered the recommendations of the evaluation panel and recommends approval of a contract with Better World Group Advisors to provide outreach services for the MSRC. The MSRC-TAC further recommends that the contract be for a not-to-exceed amount of \$250,000 for a base three-year period commencing January 2020, with a one-time two-year term option. If the MSRC chooses to exercise the option, the contract value would be increased in an amount to be determined at that time.
- FINANCIAL IMPACT:** Funds for the base three-year period would be part of the FYs 2018-21 Work Program. If the MSRC chooses to exercise the option for an additional two-year period, additional funds would need to be allocated from the appropriate Work Program Year.

BACKGROUND: For several years the MSRC has retained a consultant to assist in promoting the MSRC's **Clean Transportation Funding™** programs, as well as providing outreach assistance to current and prospective MSRC project implementers. In keeping with the MSRC practice of re-competing technical and programmatic services contracts after the base contract and options have been exercised, in April 2019 the MSRC approved the release of a Request for Proposals (RFP) for the solicitation of Programmatic Outreach Services.

RFP #P2019-22 was released immediately upon South Coast AQMD Governing Board approval on May 3, 2019 with a June 19, 2019 deadline for proposal submission. The RFP established the following evaluation criteria, with 110 points being the maximum score available:

1. Proposer Qualifications & Related Experience

- Responsiveness of proposal to RFP requirements and clearly stated understanding of the work to be performed – 25 points
- Overall experience and qualifications of the proposer – 25 points
- Demonstrated past performance on relevant outreach projects – 25 points
- Certified as DVBE, local business and/or small business – 10 points

2. Cost Proposal – Competitiveness and completeness - 25 points

The RFP established a targeted funding level not to exceed \$250,000 for the base three-year period, and it also required inclusion of a cost proposal to continue Programmatic Outreach Services for one additional two-year option period, which could be exercised at the sole discretion of the MSRC. The RFP outlined tasks which would likely be authorized in any ensuing contract, with the caveat that the MSRC reserves the right to modify or substitute tasks on an as-needed basis.

OUTREACH: The RFP was posted on the MSRC's website. Additionally, in accordance with the SCAQMD's Procurement Policy and Procedure, the RFP was advertised as follows:

- The RFP was posted on SCAQMD's website.
- A public notice advertising the RFP was published in the Los Angeles Times, the Orange County Register, the San Bernardino Sun, and the Riverside County Press Enterprise newspapers.
- Notice was e-mailed to the Latino Caucuses, Black Caucuses and various chambers of commerce and business associations within the SCAQMD.

PROPOSALS: Two proposals were received prior to the deadline. An evaluation panel composed of MSRC-TAC members reviewed the proposals, evaluated them with respect to the established criteria, finalized the scores and ranked the proposals as follows:

Table 1: Results of the Proposal Ranking Process

Proposer Name	Final Score	Final Rank
Better World Group Advisors	97	1
Method Campaign Services	66	2

RECOMMENDATIONS: The MSRC-TAC reviewed the recommendations of the evaluation panel and recommends that Better World Group Advisors (BWG) be awarded a contract in an amount not to exceed \$250,000 for a base three-year period commencing January 2020, with a one-time two-year term option. If the MSRC chooses to exercise the option, the contract value would be increased in an amount to be determined at that time, but consistent with BWG’s cost proposal for the option period.

BWG demonstrated a clear understanding of the MSRC, its target audience, and the work to be performed. They have a depth of experience performing such work for the MSRC as well as other government agencies, non-profit organizations and businesses. BWG offers many new ideas to help promote the MSRC’s work programs, demonstrating their understanding of the MSRC’s new emphasis on regional goods movement issues. For example, they suggest replacing bi-annual Work Program development workshops with regional workshops to provide investment ideas and opportunities to advance near-zero and zero-emission heavy-duty vehicle and infrastructure projects. BWG also suggests developing a mini-outreach plan to promote the forthcoming MSRC-funded report on planning for electric vehicle charging infrastructure investments, among other ideas.

BWG proposed a total cost of \$250,000 for the base three-year contract period, noting their anticipation that more accurate numbers would be developed following execution of a contract and a work plan. As one of the tasks outlined in the RFP, the Programmatic Outreach Strategy document would outline recommended supplemental activities to be undertaken during the course of the contract, and it would be subject to MSRC approval. BWG proposes an increase of approximately 10% for labor costs for the two-year option period. Taking into account the MSRC’s past experience with this contractor, the evaluation panel deemed the proposed costs acceptable. Over the past 16 years BWG has proven restraint in terms of the number of hours billed—in fact they bill less than an hour to complete many tasks. This results in reasonable costs and a good value for the MSRC.

Therefore, the MSRC-TAC recommends approval of a contract with BWG to provide outreach services for the MSRC. The MSRC-TAC further recommends that the contract be for a not-to-exceed amount of \$250,000 for the base three-year period commencing January 2020, with a one-time two-year term option. If the MSRC chooses to exercise the option, the contract value would be increased in an amount to be determined at that time, with funds allocated from the appropriate Work Program year.

NEXT STEPS: Following review and approval by the MSRC, the contract award for Programmatic Outreach Services will be forwarded to the South Coast AQMD Governing Board for approval at their September, 2019 meeting.

AGENDA ITEM #11

2019-2020 Clean Fuels/Clean Technologies
Conference Calendar

Clean Fuels and Clean Technologies Conference Calendar for 2019-2020

July 2019

July 30 CalStart's Leadership Circle (Port of Long Beach), Long Beach, CA., Website:
<https://fetchbranding.wufoo.com/forms/ria364409oerfz/>

August 2019

Aug 13-15 11th Annual Ground Vehicle Systems Engineering & Technology Symposium, Novi, MI., Website: <http://www.ndia-mich.org/events/gvsets>

Aug 12-14 ICCE2019-International Conference & Exhibition on Clean Energy, Montreal, Canada, Website: <http://icce2019.iaemm.com/>

Aug 15 Women in Green Conference, Los Angeles, CA., Website:
<http://womeningreenforum.com/>

Aug 27-29 Pathways to Decarbonization in the Northeast, Brooklyn, NY., Website
<https://web.cvent.com/event/2e585fbe-a015-4858-b27c-d04cd1a226ac/summary>

September 2019

Sept 10-12 The Battery Show 2019, Novi, MI. Website:
<https://www.clocate.com/conference/The-Battery-Show-2019/35825/>

Sept 10-12 SAE-Commercial Vehicle Engineering Congress, Rosemont, IL., Website
<https://www.showsbee.com/fairs/46786-SAE-COMVEC-2019.html>

Sept 10-12 Electric & Hybrid Vehicle Technology Expo, Novi, MI. Website:
<https://evtechexpo.com/>

Sept 11-12 13th Carbon Dioxide Utilization Summit, Calgary, Canada, Website:
<https://www.wplgroup.com/aci/event/co2-canada/>

**Sept 14 Charge Up L.A., National Drive Electric Week, Los Angeles, CA., Website:
www.chargeupla.com**

Sept 17-19 Gastech 2019 (Gas, LNG, Energy Industry) Houston, TX., Website:
<https://www.gastechevent.com/>

**Sept 21 Palm Desert National Drive Week, College of the Desert, Palm Desert, CA.,
Website: <https://driveelectricweek.org/event.php?eventid=1917>**

Sept 21 Drive Electric Week Event, Diamond Bar, CA (South Coast AQMD), Website:
<https://driveelectricweek.org/event.php?eventid=1930>

**Sept 23-26 Solar Power International Conference 2019, Salt Lake City, UT., Website:
<https://cafcp.org/content/solar-power-international-conference-2019>**

**Sept 26-27 Zero Emission Bus Conference, San Francisco, CA. Website:
<https://web.cvent.com/event/4ad842b3-d65e-40c4-850e-b2806f85bc17/summary>**

October 2019

- Oct 1-2** **Charge Expo, San Diego, CA. Website:**
<https://chargeexpo.com/>
- Oct 1-3** **5th Annual EV's & The Grid, Los Angeles, CA. Website:**
<https://infocastinc.com/event/ev-grid/>
- Oct 3 Electric Vehicle Conference 2019-EV Roadmap 9, Portland, OR., Website:
<https://www.expohour.com/electric-vehicle-conference>
- Oct 16 AltCar Expo, Riverside, CA., Website: <https://www.altcarexposac.com/altcarexpo>
- Oct 15-17** **NorCal Clean Fleet Technology Conference & Expo. Sacramento, CA. Website:**
<http://norcalcleanfleetexpo.com/>
- Oct 15-17 Motion & Power Technology Expo., Detroit, MI. Website:
<https://motionpowerexpo.com/>
- Oct 16-17** **Green California Schools & Community Colleges, Pasadena, CA., Website:**
<https://green-technology.org/>
- Oct 21-23** **SEEA Conference on Energy Efficiency, Atlanta, GA: Website:**
<https://www.seeaconference.com/>
- Oct 22-25 10th Annual Battery Safety Summit, Alexandria, VA., Website:
<https://www.cambridgeenergetech.com/battery-safety/>
- Oct 23-24 Freight & Environment: Ports of Entry (Air & Waste Management Assoc.)
Newark, NJ., Website: <https://www.awma.org/ports>
- Oct 28-30** **2019 NGV America Annual Mtg. & Industry Summit, Atlanta, GA., Website:**
<https://ngvshow.com/>

November 2019

- Nov 2 AltCar Expo and Ride and Drive, Santa Monica, CA., Website:
<https://www.altcarexposac.com/altcarexpo>
- Nov 5 CALSTART Annual Symposium, San Diego, CA. Website:
<http://calstart.org/event/calstart-annual-symposium/>
- Nov 5-7 ESNA Energy Storage North America Conference & Exhibition, San Diego, CA.
Website: <https://esnaexpo.com/>
- Nov 5-7 2019 Fuel Cell Seminar & Energy Symposium, Long Beach, CA. Website:
<https://www.fuelcellseminar.com/>
- Nov 17-20** **Behavior, Energy & Climate Change (becc) Symposium, Sacramento, CA. Website:**
<https://beccconference.org/>
- Nov 20-21 Electric Vehicles-Everything is Changing-E-Mobility Reinvented, Santa Clara, CA.,
Website: <https://www.idtechex.com/electric-vehicles-usa/show/en/>

January 2020

Jan 12-16 **2020 Transportation Research Board (TRB) 99th Annual Meeting, Washington, D.C.,**
Website: <http://www.trb.org/AnnualMeeting/AnnualMeeting.aspx>

March 2020

Mar 4-6 **Climate Leadership Conference, Detroit MI. Website:**
<https://www.climateleadershipconference.org/>

April 2020

Apr 6-9 **Electrification 2020, International Conference Enabling Efficient & Sustainable**
Solutions, Charlotte, NC, Website: <https://www.electrification2020.com/>

May 2020

May 6-7 **Emissions-Global Automotive Management Council, Troy, MI. Website:**
<https://gamcinc.com/conferences/emissions/>

May 11-13 **ACT (Advanced Clean Transportation) Conference and Expo, Long Beach, CA.**
Website: <https://www.actexpo.com/>

May 18-20 **CARTEEH 2nd Transportation, Air Quality, and Health Symposium, Riverside, CA.,**
Website: carteeh.org

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

Last updated 7/25/19 **(Items in bold were recently added).**