



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

AGENDA

Thursday, January 9, 2020 at 1:30 p.m.

LOCATION

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

Committee Members

MSRC-TAC Chair

Dan York
Representing Cities of Riverside County

MSRC-TAC Vice-Chair

Anthony (AJ) Marquez
Representing Orange County Board of Supervisors

MSRC-TAC Members

Steve Hillman
Representing City of Los Angeles

Adriann Cardoso
Alternate: Cliff Thorne
Representing Orange County Transportation
Authority

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

Jason Farin
Alternate: Alex Gann
Representing Riverside County Board of
Supervisors

Nicholas Nairn-Birch
Representing California Air Resources Board

Kelly Lynn
Alternate: Jenny Herrera
Representing San Bernardino County
Transportation Authority

Vicki White
Representing South Coast AQMD

Jamie Lai
Alternate: Susan Kim
Representing Cities of Orange County

Vacant
Representing Cities of Los Angeles County

Steven Lee
Alternate: David Lor
Representing Los Angeles County MTA

Martha Masters
Alternate: Jenny Chan
Representing Riverside County Transportation
Commission

Andy Silva
Representing San Bernardino County Board of
Supervisors

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

Vacant
Mechanical Expert

Sean O'Connor
Representing Cities of San Bernardino County

Tim Olson
Alternate: Rhett deMesa
Air Pollution Control Expert

Martin Buford
Representing Regional Rideshare Agency

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: Dan York, MSRC-TAC Chair
Other MSRC-TAC Members
Naveen Berry, Asst. DEO/Science & Technology Advancement

CONSENT CALENDAR (Items 1 through 4)

Receive and Approve

1. Minutes of the March 7, May 2, and June 6, 2019 MSRC-TAC Meetings **Cedillo**
June 6, 2019 minutes to be distributed at meeting.

2. Summary of Final Reports by MSRC Contractors **Gorski**
 - Rialto Unified School District, MS14076 (\$225,000– Construct New Public Access CNG Station)
 - Orange County Transportation Authority, MS16029 (\$836,413– TCM Partnership Program - OC Bikeways)
 - Orange County Transportation Authority, MS18005 (\$834,222– Clean Fuel Bus Service to OC Fair)

Information Only - Receive and File

3. MSRC Contracts Administrator's Report **Ravenstein**
This report covers key issues addressed by MSRC staff, status of open contracts, and administrative scope changes from October 31, 2019 through December 26, 2019.

4. Financial Report on AB 2766 Discretionary Fund **Kampa**
Financial report for November 2019 to be distributed at the meeting. December 2019 financial report to be distributed at meeting if available.

ACTION CALENDAR (Items 5 through 14)

- 5. Consider Two-Month Term Extension by County of Los Angeles, Contract #ML14030 (\$425,000 – Bicycle Racks, Outreach and Education) Ravenstein

The County requests a two-month contract term extension to procure and install supplemental lighting at 47 of the bicycle rack sites.

- 6. Consider Modified Statement of Work by City of Bellflower, Contract #ML12091 (\$100,000 – Install EV Charging Infrastructure) Ravenstein

The City requests to increase the number of stations to be installed from five to eleven and install all stations at the new City parking lot, with no change to the project cost.

- 7. Consider Modified Statement of Work and Nine-Month Term Extension by City of Covina, Contract #ML18156 (\$63,800 – Purchase Four Light-Duty Zero Emission Vehicles and Install EV Charging Infrastructure) Ravenstein

The City requests to substitute one dual-port charging station for the two charging stations specified in the contract. Additionally, the City requests a nine-month contract term extension due to unforeseen delays in the delivery of the vehicles.

- 8. Consider Eighteen—Month Term Extension by County of Los Angeles, Contract #ML14027 (\$500,000 – Install New CNG Stations in Canyon Country and La Puente) Ravenstein

The County requests an eighteen-month contract term extension due to equipment order and construction delays by the vendor.

- 9. Consider Three-Year Term Extension by Los Angeles County Metropolitan Transportation Authority (Metro), Contract #MS14057 (\$1,250,000 – Implement Various Signal Synchronization Projects) Ravenstein

Metro requests a three-year term extension. Contracting issues with the consultant for the San Gabriel Valley Corridor Project delayed the start date for design. Additionally, subsequent to the original award, it became necessary for the individual cities in the project areas to contribute a share of the project costs. This in turn required increased coordination which has delayed the design processes.

- 10. Consider Modified Statement of Work by City of Eastvale, Contract #ML16040 (\$110,000 – Install EV Charging Infrastructure) Ravenstein

The City requests to substitute the installation of twelve Level III (fast charge) stations for the installation of twenty Level II charging stations, with no change to the MSRC’s contribution to the project. The City has not yet made a final decision as to what type of Level III station they would install. Not all Level III stations may be compatible with all electrical vehicle models.

11. Consider Decreased Scope of Work and Value by County of Los Angeles, Contract #ML14096 (\$150,000 – San Gabriel Bike Trail Underpass Improvements) Ravenstein

The County has determined that the tunnel lighting component of the project requires them to secure an Army Corps of Engineers permit for the installation of the solar panel poles on top of the San Gabriel River Levee. Due to the time necessary to obtain such a permit, and other alternatives investigated taking just as long or longer, the County requests to remove the tunnel lighting from the project and reduce the contract value by up to \$75,814.

12. Consider \$15,079 Contract Value Increase by Better World Group Advisors (BWG), Contract #MS21002 (\$250,000 – Programmatic Outreach Services to the MSRC) Ravenstein

At their June 20, 2019 meeting, the MSRC approved a proposal from BWG to perform additional research and outreach in support of development of the FYs 2018-21 Work Program. The MSRC authorized the work at a cost not to exceed \$25,165, to be met through a combination of reallocation from other tasks under BWG's Contract #MS16030 and the allocation of an additional \$15,000. Following modification of the contract, Task Order #4 was issued in the amount of \$25,165 to authorize the work. In coordination with MSRC staff, BWG has proceeded to participate in meetings and workshops, reach out to potential project partners, and investigate collaborative opportunities. Given staff direction and the potential project partners' schedules, BWG's work has not proceeded as rapidly as originally anticipated. Contract #MS16030 expired on December 31, 2019. BWG requests that Contract #MS21002 be increased by \$15,079, the unexpended balance of Task Order #4, so that they can complete this work.

13. Update on Development of UCLA Luskin Center for Innovation (Luskin Center) Report on Planning for Electric Vehicle Charging Infrastructure Investments Luskin Center

The MSRC awarded \$254,795 to the Luskin Center to perform planning analysis work. The purpose was to provide the MSRC with high-potential locations for the installation of electric vehicle support equipment in two of the most challenging location types: workplace and multi-unit dwellings. The Luskin Center's report is nearing completion; this item will provide an update on the findings to date. *No written material.*

FYs 2018-21 WORK PROGRAM

14. Update on MSRC's Regional Goods Movement Program Gorski

This item will provide a brief update on happenings related to the MSRC's Regional Goods Movement Program. The report may include updates on meetings with prospective stakeholders and targeted timeframes for bringing items to the MSRC for consideration. *No written material.*

OTHER BUSINESS

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

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

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

ADJOURNMENT

NEXT MEETING: Date: February 6, 2020, 1:30 PM, Conference 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 (Gov't Code Section 54954.2(a)). Disability-related accommodations will also be made available to allow participation in the MSRC-TAC 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

March 7 and May 2, 2019 MSRC-TAC Meeting Minutes



**TECHNICAL ADVISORY COMMITTEE TO THE MSRC
THURSDAY, MARCH 7, 2019 MEETING MINUTES
21865 Copley Drive, Diamond Bar, CA 91765 - Room CC8**

MSRC-TAC MEMBERS PRESENT:

MSRC-TAC Vice-Chair Anthony (AJ) Marquez, Orange County Board of Supervisors
Adriann Cardoso, Orange County Transportation Authority
Jenny Chan (Alt.), Riverside County Transportation Commission
Steven Hillman, City of Los Angeles
Linda Johnson (Alt.), Cities of Orange County
Steven Lee, Los Angeles County Metropolitan Transportation Authority
Rongsheng Luo, Southern California Association of Governments
Kelly Lynn, San Bernardino County Transportation Authority
Sean O'Connor, Cities of San Bernardino County
Rick Teebay (Alt.), Los Angeles County Board of Supervisors
Vicki White, South Coast Air Quality Management District

OTHERS PRESENT:

Lauren Dunlap, Southern California Gas
Cathy Rosas, LA Metro
Sandra Solis, LA Metro
Patricia Whelan, Dodgers

SCAQMD STAFF & CONTRACTORS

Leah Alfaro, Contracts Assistant
Penny Shaw Cedillo, MSRC Liaison
John Kampa, Financial Analyst
Daphne Hsu, Senior Deputy District Counsel
Matt MacKenzie, Contracts Assistant
Cynthia Ravenstein, MSRC Contracts Administrator

CALL TO ORDER

- Call to Order
MSRC-TAC Vice-Chair AJ Marquez called the meeting to order at 1:34 p.m.
- Opening Comments
Daphne Hsu, Senior Deputy District Counsel announced there is a requirement for ethics training. She said, if you have completed the training, please turn in your certificate to me or Cindy Bustillos.

MSRC-TAC Vice Chair AJ Marquez announced we're going to rearrange the agenda. Item #4 will be moved to the end of the agenda. We're going to consider items #10 and #11 in order, these both have to do with the Major Event Center Program.

STATUS REPORT

- Clean Transportation Policy Update

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

CONSENT CALENDAR (Items 1 through 3)

Receive and Approve

Agenda Item #1 – Minutes for the Minutes for the November 8 and December 13, 2018 MSRC-TAC Meetings

The minutes of the November 8 and December 13, 2018 MSRC-TAC meetings were included in the agenda package.

ON MOTION BY MSRC-TAC MEMBER STEVEN LEE AND
SECONDED BY MSRC-TAC MEMBER STEVEN HILLMAN, UNDER
APPROVAL OF CONSENT CALENDAR ITEMS #1 – #3, THE MSRC-
TAC UNANIMOUSLY RECEIVED AND APPROVED THE MINUTES
OF THE NOVEMBER 8 AND DECEMBER 13, 2018 MSRC-TAC
MEETINGS.

ACTION: MSRC staff will place the approved meeting minutes on the MSRC's website.

Information Only – Receive and File

Agenda Item #2 – MSRC Contracts Administrator’s Report

The Contracts Administrator’s Report for January 31, 2019 through February 27, 2019 was included in the agenda package.

ON MOTION BY MSRC-TAC MEMBER STEVEN LEE AND
SECONDED BY MSRC-TAC MEMBER STEVEN HILLMAN, UNDER
APPROVAL OF CONSENT CALENDAR ITEMS #1 – #3, THE MSRC-
TAC UNANIMOUSLY VOTED TO RECEIVE AND FILE THE
CONTRACTS ADMINISTRATOR’S REPORT FOR JANUARY 31, 2019
THROUGH FEBRUARY 27, 2019.

ACTION: The Contracts Administrator’s Report will be included on the MSRC’s next agenda for final action.

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

The Financial Report on the AB 2766 Discretionary Fund for February 2019 was distributed at the meeting.

ON MOTION BY MSRC-TAC MEMBER STEVEN LEE AND
SECONDED BY MSRC-TAC MEMBER STEVEN HILLMAN, UNDER
APPROVAL OF CONSENT CALENDAR ITEMS #1 – #3, THE MSRC-
TAC UNANIMOUSLY VOTED TO RECEIVE AND FILE THE
FINANCIAL REPORT FOR THE MONTH OF FEBRUARY 2019.

ACTION: No further action is required.

ACTION CALENDAR (Items 10 through 11)

[MSRC-TAC Members Adiann Cardoso and Kelly Lynn arrived during the discussion of item #10.]

Agenda Item #10 – Consider Program Announcement for Major Event Center Transportation Program

Ray Gorski, MSRC Technical Advisor, reported this is the draft Program Announcement for the 2018-21 iteration of the MSRC’s Major Event Transportation Program. Some modifications have been made based on the Event Center Subcommittee’s work to continue the program for this current Work Program cycle, taking into account the lessons learned and direction that was given by the MSRC at their Retreat in October.

The Program Announcement to a large extent follows the same basic format which was previously implemented by the MSRC, however, there are a few notable changes. The Subcommittee has recommended a targeted funding amount of \$6.5 million that would cover the three-year period for 2019 through 2021. There would be a geographic funding minimum for each county in an amount of \$450,000. It's been recommended that no single entity be able to secure more than 50% of the total funding available, which would be \$3.25 million. The program will run from the date that the South Coast AQMD's Governing Board approves the solicitation, tentatively the first Friday in April. Applications will be accepted beginning at that time, with the exception of one today that we'll talk about in item #11. The last day to turn in an application will be March 30, 2021. The other pertinent elements of this solicitation are changes that focus primarily on zero and near-zero transportation. There's a requirement that near-zero or zero-emission vehicles be used exclusively for implementing service. There have been some recommended changes in the proposal evaluation and scoring. This would become a two-step process, in which the first step is simply a reasonable certainty that the project will in fact yield a net air quality benefit. The second step would be scoring, which will also look at the other attributes of the project. Based upon the points which are awarded, the scoring would make a determination as to whether or not the project meets the minimum threshold for funding consideration. This will probably be a much better way of doing evaluation because we're not comparing proposals against each other. We're comparing them against the requirements as set forth by the MSRC and TAC. So, this will allow a fair evaluation but also ensure that the program is going to yield the benefits which the MSRC expects given the investment that they're going to be asked to make.

MSRC-TAC Member Steven Lee asked where the distribution of points came from. Mr. Gorski replied that when we took the Subcommittee comments when we all participated on those teleconferences, it became pretty obvious to staff that the current evaluation design was not going to continue to work. It actually was designed more for having proposals competing against each other and that's really not the case in this process. The proposals can be submitted at any time within the application submittal window and they're evaluated on a case-by-case basis. What we need to determine is if the proposal will have a reasonable probability of achieving cost effective air quality benefits. That's how we designed the scoring, having a gatekeeper, if it will not result in an air quality benefit then it probably is not in the interest of the MSRC to consider it. And then secondly, we're trying to ensure that the investments that the MSRC makes are cost-effective, meaning that the air quality benefit which will result from the project is something which is commensurate with the amount of funding that the MSRC is asked to invest in that project. That's why the cost-effectiveness is in there. The nexus to existing public transit, that was based upon commentary that was provided at the Subcommittee level. That's to ensure that projects, to the extent feasible, do have connectivity with other existing public transit. A lesson learned from the nine years of implementing the program is that those that are successful utilize other sources of public transportation in addition to that feeder service to access the event center. It's requested that the proposers provide information relative to how they integrate their event center service with other

existing public transit. The program continuation plan is a carryover from every previous Major Event Center Program. It's the MSRC's attempt to design this funding to be used to launch projects and help them reach a sustainable operational level. It's hoped that in the future, projects will be able to continue their operations without the need for additional funding from the MSRC. This is to explain the process in which they will achieve self-sustaining status.

MSRC-TAC Member Vicki White commented, this is proposed as \$6.5 million allocated over the three years. Do you anticipate getting enough applications in to subscribe \$6.5 million or do you anticipate being undersubscribed and having to release another solicitation, maybe a year or two from now? Mr. Gorski replied, we do not anticipate releasing another solicitation. We make the best judgment based on what has happened in the past and try to use that as the point for targeting a funding value for the program. Based upon past experience and the number of proposals we typically see, we believe \$6.5 million is probably a reasonable amount that I doubt would be oversubscribed, but I do not expect it to be significantly undersubscribed either. Ms. White asked, how are you going to rank these projects in the event that you are oversubscribed? Mr. Gorski replied, we're not because these are going to be reviewed in order of receipt. Ms. White commented, there was a defined application period right. Mr. Gorski replied, it ends in March 30, 2021. Ms. White asked, if your undersubscribed are you going to extend that or reallocate the funds? Mr. Gorski replied, that is going to be pretty much commensurate with the end of the MSRC's Work Program. So, any funds that were left in this category, would simply revert to the Discretionary Fund.

MSRC-TAC Member Steven Lee noted that some of the scoring criteria were part of the scoring process from previous programs. The program continuation plan previously was worth 10 or 15 points, and now it's proposed as 50. He would propose 50 for cost effectiveness, 25 for nexus to transit, and 25 for program continuation.

MSRC-TAC Member Rongsheng Luo commented, in the previous Program Announcement, we had cost-effectiveness, co-funding and we also had continuation, but I don't think we had the nexus. Mr. Gorski replied, co-funding is no longer an element for the evaluation. Co-funding is minimum, that's set forth within the Program Announcement. Mr. Gorski replied, we are trying to depart from our previous ways of doing it because it is our belief that it did not work that well. So, based on the lessons learned, this is a much more doable evaluation method for the subcommittee members. The 50 points for the program continuation plan is intended to send a message that this program will be coming to an end and that people who are participating really should endeavor to put effort into determining how they will continue this program, once the MSRC money is no longer available.

MSRC-TAC Member Adriann Cardoso commented, we said a match as part of the subcommittee, but I guess I missed the part where we said we wouldn't provide points for additional match. Did we discuss that? Mr. Gorski replied, it's kind of a moot point when

you're only evaluating one single proposal. It's not competing against anyone else, so to give them points for having a higher match, it really doesn't have any impact on whether or not they ultimately get their funding. What does have impact, is if we set a minimum threshold and say if the program doesn't have the air quality benefits and can't deliver those in a cost-effective manner. In my opinion, that is where the bar needs to be. A line needs to be drawn and you need to fall on either side of it to be considered for funding. Ms. Cardoso commented, you're going to set a minimum point threshold that everyone has to score. Mr. Gorski replied, yes, every proposal will have to meet the minimum 70.

MSRC-TAC Alternate Rick Teebay asked, how cost-effective have these projects been in the past? Mr. Gorski replied, not very cost-effective. Mr. Lee commented, Ray had a presentation during the Retreat, that showed the cost-effectiveness. The top three Event Center projects were the Angels, the OC Fair and the Dodgers Express. Mr. Gorski replied, the problem is when I go and rerun the numbers using the new automobile emission factors, which are much cleaner than the ones that were originally used, the cost-effectiveness of the most cost-effective project is going to jump down a tier or so. The ones that came in at the mid-level are going to drop down to the lower level and based upon what I'm hearing, for example, the OC Fair would probably not get funded. You build in some benefit if you use zero-emission buses, for example, because they're going to get higher cost-effectiveness. Mr. Lee commented, I thought was a pass or fail kind of approach, if it didn't have an air quality benefit then we would not accept the application. If it does have some type of air quality benefits, I believe we would accept the application. There were no talks of a point system at the Subcommittee. Ms. Cardoso added, there was some talk though of caps. There was no talk about cost, but I don't think we approved that option. Mr. Lee added, the points is really new to me and apparently everybody here at the TAC level too. I would actually instead of proposing the points, to make a motion to what we discussed at the Subcommittee level. If in fact a project has an air quality benefit, to take that into consideration and have that for TAC to vote on the project because I can't think of any other projects that have this type of point system. Mr. Gorski replied, I think the MSRC might disagree with that. The problem is that you can have a project with an air quality benefit, but it has to be commensurate with the investment which the MSRC has been asked to make. To spend a million dollars to earn one pound of air quality benefit is not a good investment. The MSRC needs a goal post, something that they can compare projects against and amongst categories. Are you going to invest in a clean transportation system or you going to invest in Event Center? For every dollar you invest, if you get 10 times the pay back in air quality benefits from one versus the other, you probably want to make your investment in that which was cost-effective and that's why I put it in there. Not just to not have any guidance, would mean that you could be potentially funding projects, on which you'd spend a lot of money and have very little to show for it at the end of the day. That's unfortunately somewhat the situation we found ourselves in, so when we're at the MSRC meeting and discussions with the MSRC, it's clear that they want us to be investing in those projects which are in fact cost-effective, for which the return on investment warrants the MSRC investment.

Mr. Marquez commented, your scoring criteria is defensible. Mr. Gorski replied, it's based upon past history, taking into account some changes in emission factors, which have been promulgated by CARB. When I designed it, I looked at the cost-effectiveness of past projects and also what's a reasonable place to draw the line. There's a point at which spending a lot of money and getting nothing too much in return is not in the best interest of public policy. Mr. Luo asked, to put it in perspective, what is the average Carl Moyer cost-effectiveness? Mr. Gorski replied, Carl Moyer comes in at \$1700/ton, these are not even anywhere near that. None of this would qualify under Carl Moyer.

MSRC-TAC Alternate Jenny Chan commented, I personally like the points breakdown for criterion #1 but I'm curious as to how or if we should also do a point breakdown for #2 and #3? Mr. Gorski replied, it's always good to have quantitative evaluation. I wasn't sure how to do it for #2 and 3 in all honesty. I think #3 really is more subjective because it's more of a narrative, but we can assign points to anything. To try to put a definitive range in for #2 and #3, I had difficulty doing that. Those are to a certain degree, a little more subjective. Air quality quantification and cost-effectiveness are objective criteria. There are methodologies which we use to calculate those. And there are measures of effectiveness which the regulatory agencies use in determining the merits of their projects and that only brings the MSRC closer to how other regulatory agencies invest money based upon knowledge of what you're going to get in return.

Ms. Chan continued, for the past submitted applications, did a majority of them have a nexus to a public transit service, such as being directly next to a Union Station or a rail station? Mr. Gorski replied, as we discussed during the Subcommittee deliberations, it's going to be important for project applicants to endeavor to improve their transit connectivity. That's really where the benefits are generated from and looking at past programs, we believe there are opportunities for them to do so. We've had projects recently submitted fail because there was no reasonable connectivity to existing transit. When you only looked at the benefits generated by the shuttle; it really didn't warrant funding consideration by the MSRC. When someone's putting together a proposal, the first thing they should understand how they're going to be scored. I would hope that they look at 1, 2, and 3, take them to heart, and then in designing their project do their best to make it firstly cost-effective from an air quality perspective. But also, to the extent possible, utilize or have a nexus to connectivity with other public transit and then also be thinking about how are they going to continue this program in the event that the MSRC funding is either reduced or eliminated at some point the future.

MSRC-TAC Alternate Linda Johnson asked, for the past projects, how would they have scored on of the proposed points for cost-effectiveness? Mr. Gorski replied, just to give a couple examples, the Dodger Stadium Express, at one time would have scored somewhere between 25 and 20 points. Right now, it's probably going to be in the same ballpark. Something like the OCTA's Fair Express, would have scored probably in the 15-point range. We have other projects that, if they were put forth for consideration today, might score less.

Mr. Lee commented, what were the top three numbers again from your presentation from the Retreat? Mr. Gorski replied, the Dodgers came in at little over \$500/pound. If the Dodgers now utilized their 0.02 gram buses, that would make cost-effectiveness a little better, but you have to factor in the cleanliness of the vehicles because every year cars get cleaner on average. Since now the Dodgers proposal took out the rail element for the crosstown rivalry games, that's going to help the cost-effectiveness again. I'll predict that it's going to come out pretty much between \$500 and \$750/pound. The next two were in the \$1,500 to \$2,499 range. If they utilize the 0.02 gram buses and maybe improve their transit connectivity, they could easily get themselves up to 20 points. It comes down to project design and we'd certainly be willing to work with any potential applicant to help them understand what the implications of project design are and maybe make some suggestions for how to improve it. We tried that quite a bit with one of the applicants and fortunately at the end of the day the answer still came back no. That project didn't make it but under this scoring matrix, that would not have fared very well anyway, and we don't believe it had a net air quality benefit.

Ms. Johnson commented, I just wanted to note as a someone that has seen some of these major event center proposals over the last several years, I kind of like the idea of expanding the emphasis on the program continuation. It needs to send a clear message that things have changed. In the past, it seemed like a lot of folks were just cutting and pasting their continuation plans. There was really never anything that they expanded upon. When you look at an RFP, if it's a real small amount of points, it's like cut and paste, it doesn't really matter. If we're trying to send a message that this program isn't going to continue forever, increasing the points on it sends that message to the proposers. They'll look at that differently, especially folks that have submitted before. I used to work on the private side, I used to look at RFPs and that's one of the first things you look at, is where those points are being broken up.

The MSRC-TAC considered a number of different possible point allocations between the three criteria. Following extensive discussion, a consensus appeared to develop for Cost-Effectiveness at 50 points, Nexus to Other Transit at 25 points, and Program Continuation Plan at 25 points. The MSRC-TAC also discussed several different options for cost-effectiveness ranges in terms of dollars per pound. The consensus was to leave the ranges as originally proposed, but with corresponding point values of 50/40/30/20/10/0.

Mr. Marquez commented, let me recap just to make sure everyone's on the same page, the Major Event Center project cost-effectiveness will be 50 points. The table will start at 50 and go down to 0. The nexus to other public transit services will be 25 points, and program continuation would be 25 points; that would be rated on the narrative.

ON MOTION BY MSRC-TAC ALTERNATE JENNY CHAN, AND
SECONDED BY MSRC-TAC MEMBER RONGSHENG LUO, THE

MSRC-TAC UNANIMOUSLY VOTED TO RECOMMEND APPROVAL OF THE MAJOR EVENT CENTER PROGRAM ANNOUNCEMENT WITH THE SCORING WEIGHTED AS 50 POINTS FOR COST-EFFECTIVENESS, 25 POINTS FOR NEXUS TO OTHER TRANSIT, AND 25 POINTS FOR PROGRAM CONTINUATION PLAN. .

ACTION: The proposed Program Announcement will be included on the next MSRC agenda for approval.

Agenda Item #11 – Consider Sole-Source Funding Award to Los Angeles County Metropolitan Transportation Authority (Metro) to Implement Dodger Stadium Express Transportation Service for 2019

Ray Gorski, MSRC Technical Advisor, reported the Dodger and LA Metro partnership is proposing to implement Dodger Stadium Express service between Union Station and Dodger Stadium for the 2019 Baseball season. The total funding request is \$1,163,485. This will be met with co-funding which will be greater than or equal to that amount, for 81 regular season games, a preseason game, two special events which primarily are concerts, and then up to 10 postseason playoff games. It would be very similar to past programs. The major modification which has been made to this proposal is that LA Metro has committed to use their near-zero buses to implement the service. That's going to improve the overall program quantitative emissions benefits, as well as cost-effectiveness. They added a new elements to their outreach plan: three videos which are going to be made. The MSRC is being requested to fund pretty much the same cost elements as in prior Work Program years, specifically the actual direct transportation costs associated with the Dodger Stadium Express, as well as traffic control. This ensures that the buses can get between Dodger Stadium and the Union Station in a less impeded manner. Security, to ensure that there are no incidents on this service that would diminish its attractiveness, would also be funded. Although this has been submitted for consideration prior to the release of the Program Announcement, it would be acceptable under the terms of the new Program Announcement. There may be a requirement for LA Metro and the Dodgers to look at item #3 in the evaluation scoring matrix and a request to provide some additional information. As far as the quantifiable air quality benefits, we have enough experience to say with substantial certainty that it would score high enough that it would be recommended for funding award.

ON MOTION BY MSRC-TAC MEMBER KELLY LYNN, AND
SECONDED BY MSRC-TAC MEMBER ADRIANN CARDOSO, THE
MSRC-TAC 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.

ACTION: This award will be included on the next MSRC agenda for approval.

FYs 2016-18 WORK PROGRAM

Agenda Item #5 – Consider Four-Year Contract Term Extension for the City of Palm Springs, Contract #ML12090 (Install EV Charging Station)

Cynthia Ravenstein, MSRC Contracts Administrator, reported that MSRC staff usually does not make any recommendations with respect to a contract modification request but if a four-year term extension were approved, that would be precedent setting. The City was originally awarded \$38,000 under the FY 2011-12 Local Government Match Program towards the installation of 6 EV charging stations. The City obtained additional co-funding and was able to complete the station installation specified in the contract without MSRC funding assistance. MSRC staff made many attempts to learn from the City whether they had unreimbursed costs on other station installations and would like to request a substitution. However, City staff changes including the death of the City's consultant delayed their decision on how to proceed. The City would like to take the funding that was originally awarded to install an additional Level III station in a different location. They are requesting a four-year contract term extension in order to allow time to complete the installation and meet the five-year operational requirement.

MSRC-TAC Rongsheng Luo asked this four-term extension is precedent setting but there have been projects that have requested extensions multiple times, if we combine all of the extensions, would this still be precedent setting? Ms. Ravenstein replied no, there have been others that have received multiple extensions, but the cumulative effect is much longer. Mr. Luo added if we acknowledge that would this extension be such a long event. MSRC-TAC Member Steven Lee commented that it's just changing, and they haven't taken the money and they're going to change it again in regard to the type. Who knows if in four years they come back and say we have a different project again?

MSRC-TAC Alternate Jenny Chan asked with the City doing the Level III, would that give more benefits versus a Level II? Ms. Ravenstein replied certainly one could argue that there are more benefits to that, people can charge faster. Then again, for some situations where people are going to be leaving their vehicle parked, then Level II is fine.

MSRC-TAC Chair AJ Marquez commented that if we don't vote on this, we deny it, there's no Local Government Match Program currently for them to reapply to. Ms.

Ravenstein replied, the TAC's recommendation would still go to the MSRC, the City would have the opportunity to come and speak to the MSRC about it.

MSRC-TAC Alternate Linda Johnson commented that it seems that they've really done a lot of work and they're asking for one more. They are not asking for more money, just to use the money. Working at a city hall, there's an increasing number of cars that use these facilities. I would be in favor of giving them the extension.

MSRC-TAC Member Rick Teebay commented that looking at Plug Share, there are three in the area, Cathedral City, Plaza Rio Vista in Cathedral City and at Palm Springs Visitor Center. It doesn't seem unreasonable if they want to do a DC fast charger at that location. What I would question would be the length of time and whether or not we want to set that precedent. I wonder is there any way that they would agree to continue for this for a five-year period, but we gave them a shorter window in order to do the installation.

MSRC-TAC Member Kelly Lynn commented that on other projects we've done check-ins. If that was something we are able to do with them in a year or 18 months, just to see are they progressing or moving along.

Ray Gorski, MSRC Technical Advisor commented that just to clarify because the charger will be operational by October 2020, that's 18 months away or so. The extension to 2025 is administrative, in the sense that it ensures we have a contract in place in the event the South Coast AQMD would need to take action on behalf of the MSRC. So, it's not like the station's not going to be put in until 2025. It's going to be in operation by 2020. We can give a proposed date of October 2020, make sure that they come in and September 2020 or earlier and say yes, they will make or will not make it. And in the event that they're not going to make it, they need to have a good explanation and then have something else built in that would just drop in, if they really are starting to have further delay beyond that.

Ms. Chan commented that I make a motion to approve with asking them to complete the project by September 2020.

ON MOTION BY MSRC-TAC ALTERNATE JENNY CHAN, AND
SECONDED BY MSRC-TAC MEMBER RONGSHENG LUO, THE
MSRC-TAC UNANIMOUSLY VOTED TO RECOMMEND TO
APPROVE FOR THE CITY OF PALM SPRINGS, CONTRACT
#ML12090, A FOUR-YEAR CONTRACT TERM EXTENSION WITH
THE CONDITION THAT WORK MUST BE COMPLETE BY
SEPTEMBER 2020.

ACTION: MSRC staff will include this contract term extension on the next MSRC agenda for approval.

Agenda Item #6 – Consider Two-Year Contract Term Extension by City of Fontana, Contract #ML16047 (Enhance Class I Bikeway)

Cynthia Ravenstein, MSRC Contracts Administrator, reported this request comes from the City of Fontana and they were awarded funding under the under the MSRC's FYs 2014-16 Local Government Match Program to help enhance the existing San Sevaine Class I Bikeway by paving an access segment, installing lights and installing fencing. The project was originally expected to proceed through Caltrans' conventional encroachment permit process. It transpired that the project cost within the Caltrans right of way exceeded the encroachment permit threshold and the project now needs to go through a Caltrans oversight process, adding at least one year to the project schedule. Additionally, two of the primary staff for the project left City employ, requiring new staff to be assigned and come up to speed. Finally, during the geotechnical boring work, the crew accidentally hit a private water line. This had to be repaired, and the liability resolved, resulting in additional months of delay. The City now anticipates construction acceptance by June 2021. The City requests a two-year contract term extension.

ON MOTION BY MSRC-TAC MEMBER KELLY LYNN, AND
SECONDED BY MSRC-TAC MEMBER STEVEN HILLMAN, THE
MSRC-TAC UNANIMOUSLY VOTED TO RECOMMEND TO
APPROVE FOR THE CITY OF FONTANA, CONTRACT #ML16047, A
TWO-YEAR CONTRACT TERM EXTENSION.

ACTION: MSRC staff will include this contract term extension on the next MSRC agenda for approval.

Agenda Item #7 – Consider Increasing Stations from One to Two and Twenty-Nine-Month Contract Term Extension by City of South Pasadena, Contract #ML14068 (Install EV Charging Station)

Cynthia Ravenstein, MSRC Contracts Administrator, reported this request comes from the City of South Pasadena. The City was awarded \$10,183 under the FYs 2012-14 Local Government Match Program towards the installation of one or more publicly accessible EV charging stations, providing the capability to charge at least two vehicles. Subsequently, the City clarified that exactly one station would be installed, and the contract was modified. In reality, two stations have now been installed. They're having to resolve easement and franchise agreement requirements with SCE before they can make them operational. The City is requesting a twenty-nine-month contract term extension to enable them to complete the project and the three-year operational requirement.

ON MOTION BY MSRC-TAC MEMBER SEAN O'CONNOR, AND SECONDED BY MSRC-TAC MEMBER STEVEN LEE, THE MSRC-TAC UNANIMOUSLY VOTED TO RECOMMEND TO APPROVE FOR THE SOUTH PASADENA, CONTRACT #ML14068, AN INCREASE IN STATIONS AND A TWENTY-NINE-MONTH CONTRACT TERM EXTENSION.

ACTION: MSRC staff will include these modifications on the next MSRC agenda for approval.

Agenda Item #8 – Consider Six-Month Contract Term Extension for the City of South Pasadena, Contract #ML16025 (Purchase Heavy-Duty Natural Gas Vehicle and Expand CNG Station)

Cynthia Ravenstein, MSRC Contracts Administrator, reported this request comes from the City of South Pasadena. This was a contract to expand their existing CNG station and purchase a heavy-duty vehicle. Previously, the MSRC approved some changes to the way that they were going to do the expansion, reduce the scope and the contract value, along with extending the term. The City states because they changed the design as the MSRC approved earlier, the design changes took longer than expected. They are now anticipating completing the construction by October of this year. To allow them to fulfill the five-year operational requirement they are requesting a six-month extension.

ON MOTION BY MSRC-TAC MEMBER RONGSHENG LUO, AND SECONDED BY MSRC-TAC ALTERNATE LINDA JOHNSON, THE MSRC-TAC UNANIMOUSLY VOTED TO RECOMMEND TO APPROVE FOR THE CITY OF SOUTH PASADENA, CONTRACT #ML16025, A SIX-MONTH CONTRACT TERM EXTENSION.

ACTION: MSRC staff will include this contract term extension on the next MSRC agenda for approval.

Agenda Item #9 – Consider Decreased Scope and Value and One-Year Contract Term Extension for the City of Fullerton, Contract #ML16010 (Expand CNG Station and Install EV Charging Stations)

Cynthia Ravenstein, MSRC Contracts Administrator, reported this request comes for the City of Fullerton. The City was awarded \$370,500 under the FYs 2014-16 Local Government Match Program towards the expansion of the City's existing CNG station and the installation of 18 electric vehicle charging stations. 10 charging stations have been installed. As far as the CNG station expansion, as noted at some previous TAC

meetings, some of these publicly accessible stations are not having the demand that they were seeing before, or certainly not the increased demand that they were anticipating, and so now the City's finding that they really don't need that additional compressor that they were going to get under this project. Some of the other elements that were part of the expansion they still are going to go forward and do. But without adding the compressor, it's no longer an expansion project. We've discussed that with them, and they understand and so they're requesting to remove the tasks and funding for that element from the contract. That was \$282,500 that would be coming back to the MSRC.

As for the EV charging station portion of the project, they have installed 10. Of the 8 remaining, they have decided they don't need four of them after all. They want to eliminate those four, but there are four more stations to be installed. For the remaining four stations, those to be installed at the City Hall/Library, the City would like to install solar-powered chargers. These chargers have a higher equipment cost, but do not require trenching or electrical connections. The City also proposes to reduce the MSRC's contribution by \$9,778 from \$88,000 to \$78,222. If approved the request, the total contract value would be reduced from \$370,500 to \$78,222, with \$292,278 reverting to the AB 2766 Discretionary Fund.

MSRC-TAC Alternate Linda Johnson commented I'm not familiar with the solar-powered charging stations. Are they reliable? Are they going to work if it's a rainy day? What's the liability on these? MSRC-TAC Alternate Rick Teebay replied solar power, if you see the ones that are affordable, solar power units have come out that will charge at 4 kilowatts an hour under good conditions. A plug-in hybrid charges at 3.3, but a battery electric charges at 7.2. The typical price for one of those portable ones is about \$60,000. I put in 10 Level IIs for \$8,000. I don't think it's a very cost-effective solution. But in a given situation where you don't have a good option, that's something that people do. They put them in state parks where there's limited access. What I question is, how they're going to address ADA because under California code your first space has to be ADA van accessible. So, it has to be 12 foot wide and I'm not sure how they're going to address that. With all of that said, I'm going to abstain because I'm not a fan.

Ms. Ravenstein added there weren't any cost-effectiveness criteria because there's not an actual emission reduction associated with the infrastructure, but there weren't really any standards in this solicitation. If they had originally proposed these units, they would have been able to get them.

Ray Gorski, MSRC Technical Advisor commented, that there are a couple scenarios in which a station could become less operable or pretty much inoperable. There are periods of obstructed sun. And if someone came in and had their vehicle parked there for a very long time and took the energy that was stored in that battery system, it's foreseeable that the battery would be depleted. It doesn't have the same robustness that a grid connected unit would have.

MSRC-TAC Vice Chair AJ Marquez commented that the footprints are quite large on these. If you've ever seen them, they take up almost two parking spaces.

MSTC-TAC Member Adriann Cardoso commented that this was sort of a formula program and they're able to apply for what they think will work best within their cities. Mr. Gorski replied we really didn't anticipate this being proposed. It's relatively new. Mr. Teebay added there was one project that we funded, that's falling apart, and they put in a huge solar array and they reduced the number of EVSE. I've forgotten what the number was, it went from 16 or 20 down to 4 because the solar is so expensive relative to the cost. They didn't have funding to do this. But it's within the parameters of the program.

ON MOTION BY MSRC-TAC MEMBER ADRIANN CARDOSO, AND SECONDED BY MSRC-TAC ALTERNATE LINDA JOHNSON, THE MSRC-TAC UNANIMOUSLY VOTED TO RECOMMEND TO APPROVE FOR THE CITY OF FULLERTON, CONTRACT #ML16010, DECREASED SCOPE AND VALUE AND ONE-YEAR CONTRACT TERM EXTENSION. WITH AN ABSTENSION BY MSRC-TAC ALTERNATE RICK TEEBAY.

ACTION: MSRC staff will include these modifications on the next MSRC agenda for approval.

Agenda Item #4 – Receive Update on MSRC Direction for FYs 2018-21 Work Program Development

Ray Gorski, MSRC Technical Advisor reported that there's a lot going on right now with respect to the 2018-21 Work Program. The MSRC has been very engaged and we met with them a couple weeks ago and gave them an update. They took several actions at that time and have provided guidance for the next steps. The total Work Program value for the three-years is approximately \$64.2 million and there are two components: specifically the development of a large regionally significant project as well as continuation of the Major Events Transportation Program and some potential new Work Program categories. The MSRC was presented for the Regional Program with three specific options: (1) The Regional Goods Movement Clean Corridor, (2) the EV Ready Electric School Bus program, and (3) the EV Ready Communities Program. They had previously provided some initial guidance to us relative to the EV Ready Electric School Bus Program and the MSRC-TAC provided guidance relative to EV Readiness Community Program.

We went through as staff and tried to give the MSRC at least some initial assessment of each of the three options to help them guide their decision process. We tried to provide an evaluation on the three specific criteria that we have adopted: (1) the complexity of the

overall program, (2) time to implement, and (3) how it supports the South Coast AQMD objectives. We tried to identify for the MSRC membership what the key elements of each of these potential concepts were. A zero near zero focus program for goods movement would demonstrate emerging technologies including vehicles and infrastructure and have quite a few project partners that could potentially participate in this. This would be a program with a high degree of support for South Coast AQMD goals. We tried to be realistic with the MSRC. We didn't want to try to sell them something which we thought would be super easy to do. We told them that for the Regional Goods Movement Clean Corridor, it is a very complex program that has a lot of moving parts and the time to implement was going to be high and long. Specifically, there's a long lead time on some of these vehicles and engines, and infrastructure takes a long time to implement. We just want to make sure that they were aware that should they choose this option, they would need to understand it's not something that TAC could just make happen overnight.

We went through the EV Ready School Bus Program. We thought this one was relatively, at least compared to first option, much easier to do. There are still a lot of moving parts-- a lot of school districts. But we know who they are, and where they live, and therefore it would be a little easier to get your hands around. Nothing happens quickly, but we felt that this one could be implemented faster than a Regional Corridor Program. As to whether it supports the AQMP goals, we only ranked it in kind of the mid-range because if you're going to electrify school buses, that's great, but the buses that you're replacing for the South Coast AQMD all are already primarily low emission natural gas buses. So, you're getting a little increment of air pollution reduction, but you're replacing one low-emission strategy with a somewhat lower emission strategy. It would be beneficial, but it's not targeting what has been identified by the South Coast AQMD as being the greatest offenders.

The EV Ready Communities, this would be interesting because it could have a nexus to the Local Government Partnership Program in working with communities. We felt that the complexity for this was probably a little bit more than for the school bus but less than the regional corridor. The time to implement would be a little bit higher than the school bus but not as bad as the corridor. It supports the South Coast AQMD goals. It does result in air quality benefits but it's not one of the major categories identified by the South Coast AQMD and their AQMP. In the final analysis, the MSRC selected unanimously, with a lot of discussion, the Regional Goods Movement Clean Corridor Program for emphasis in the 2018-21 Work Program. It directly addresses the top priorities of the South Coast AQMD, when you look at their roadmap for cleaning the region's air, specifically heavy-duty diesel trucks and off-road equipment. Those are the top two emissions categories for NOx ozone precursors. When you look at the priorities as articulated in the AQMP, reducing emissions from those categories are #1 and #2.

The MSRC believed that it has regional impact throughout the entire AQMD. It targets those emissions which are most important to clean up, but it does have a role for everyone in the program, the ports, the San Pedro Bay ports, and the maritime ports.

Goods movement goes all the way to the Inland ports, and they liked the idea of the Inland ports as a focus on the distribution warehouses in the Inland Empire. It targets both on-road and off-road vehicles, those first two priorities within the South Coast District plan. It does have the ability to have participation on the “Last Mile” segment of goods movement. If you’re in Orange County and want goods delivered to Coast Plaza, well, you can use zero-emission trucks under a demonstration program to do it. So, really this can capture emission reductions in all elements of goods movement. We emphasized to the MSRC that this type of large-scale program is going to take time to implement and they should not expect shovel-ready projects necessarily within the next year or so. We’re going to try to deliver some, but this is a complex program that takes time. Infrastructure is a long lead item. If it’s hydrogen, if it’s natural gas, if it’s electric--it takes time to put in. There’s a backlog for key technologies, both in zero-emission and the near zero emission. That’s good because it shows that they’re gaining in popularity. But it’s something we’ll need to factor into the timeline. And some of the zero-emission technologies are currently produced at low volume, so their timeline is going to be inherently long anyway. The point I made to the MSRC, and the point I’ll make now, is that if you look at the five scope changes that you are asked to review, any project that the MSRC funds actually takes longer than you might think it would. Every Work Program element requires a few years and often they come back and request additional time consideration. The MSRC was very vocal in their direction. They did approve the outreach coordinator to get started. The Better World Group Advisers has been instructed to go out and actively seek and secure significant co-funding to augment that \$62.4 million dollars that the MSRC has. The MSRC members want near term action, there was quite a bit of discussion about what can we do in the near term to get some of this money flowing. There was one specific MSRC member’s action item to investigate a partnership between the South Coast AQMD, the California HVIP Program, and the Port of Long Beach to develop a cooperative for independent drayage truck drivers. The goal is to retire some older diesel trucks and replace them with new near zero emission trucks. This is one where the South Coast AQMD has expressed a lot of interest. There’s going to be a conference call on Monday and it’s going to have the participation of the South Coast AQMD, the Port of Long Beach and MSRC potentially and they’re going to talk about this, based upon the comments from the MSRC member who was the SCAG representative. The district is very interested in that idea and would like to partner with the MSRC potentially. So, we’re going to investigate that and bring back, potentially in the near term, a draft of how that could happen. There is an opportunity to have some near-term successes from this program and that’s what we’re going to pursue. I wish Naveen Berry was here because he is the point person on the South Coast AQMD side, he is the one who approached the MSRC and said we can make this work and we’re going to try to do that. This is going to be one element of the overall plan. The overall plan is going to be developed over the next couple months.

The big question for today though is based upon what the MSRC has done, they’ve taken the money and wrapped into a three-year work program and they guided us to put in place a Regional Goods Clean Corridor. The question is how do TAC members want to

participate in this process. It's an open question that doesn't have to be answered today, but there's going to be a lot of work to do and there's going to be opportunities for TAC members to take a leadership position or at least have a participative role in working on some of these elements. For example, if you are from the Inland Empire and we're going to have a program to identify warehouse distribution centers within the Inland Empire. Well, maybe you'd want to participate in putting together the listing, who we are going to go after and what we're going to offer because you probably come from an agency which has a vested interest in cleaning up the emissions at the warehouses within your jurisdiction. San Bernardino and Riverside would probably want to participate on the Inland port side of it. If you come from Los Angeles, you're probably very interested in the maritime ports and the 710 Corridor. So, if you're with Metro who's done a lot of work in looking at the 710 Corridor, if you're with the City of Los Angeles, the Port is going to be a participant in this program. If you are in Orange County there are some goods movement projects that can be done. There are demonstration projects that the MSRC could fund working with some of the folks that do Last Mile, such as UPS, FedEx and DHL to do some zero-emission fleet demonstrations to go to places which are in Orange County.

The MSRC was starting to resonate on, when you say goods movement clean corridor, you think of a road, it's more than that. It's the infrastructure that needs to be placed throughout the region to support these advanced technologies. It's working with where the goods come into, where the goods are broken down, to where they're finally distributed, Maritime Port, Inland Port, and near Last Mile distribution. All those are going to be little separate programs in and of themselves which are going to be under the umbrella of the Goods Movement Corridor. What you're going to see in the scoping plan, is that we're going to take it and pretty much build it from the bottom up, meaning that if you're going to have this, you're going to need infrastructure. If there's going to be an infrastructure component, is it going to be electric, is it going to be natural gas, or it might be propane too.

There's a lot of emerging near zero propanes being certified. There's going to be infrastructure. Thought needs to go into where to place it strategically if we want to affect goods movement between West and East, and identifying locations for potential demonstrations. There's a lot of them within Riverside, Mira Loma, Moreno Valley, Fontana, and all those distribution warehouses that they're building. Those would be great to do electric infrastructure, electric yard tractors, electric cargo handling equipment, potentially natural gas vehicles, when they come in. What kind of incentive programs do we need to put in place to make that happen?

Taking this building block Lego approach for all the elements, within each little Lego there's going to be who are the potential participants: Transportation Commissions, Councils of Governments, private sector, Clean Energy and other infrastructure providers. Over the next couple months, we will be putting it together. The question on the table is, we want the TAC members to have a role in this longer-term Regional

Program because it's going to directly impact your jurisdictions and the agencies that you work with. So, over the next couple of months, as we're going through this, we're going to be reaching out asking if you would like to help us with this component or is there another component that you want to help us with. We don't have all the answers yet. That's what the MSRC has charged us to go off and figure out. This can be an exciting program; it can have a lot of benefit and work very well with other programs which are being implemented both statewide and locally.

MSRC-TAC Member Vicki White commented that if this is the program that Naveen was thinking of, you may have heard of Proposition 1B Goods Movement Emission Reduction Program, that was what we called the \$1 billion dollar program, approved by the California voters back in 2006. The South Coast Air basin received about 50% of those funds. We're at the tail end of that program now. This year we're looking at return funds on the order of \$15 to \$20 million. Those could potentially be used as a partnering situation with MSRC, but we have certain timelines to spend those funds. Under the Prop 1B Program, the South Coast AQMD has already invested about \$50 million in Prop 1B funds going towards near zero trucks. And in addition to that, the Prop 1B program is allowing fleets to apply now to reserve funds for electric trucks that are expected to be commercially available on the order of one to four years from now. We have a lot of lessons learned. Since 2010, we've been funding about 2,000 truck replacement projects each year, up until this year. We have about \$15 to \$20 million of return funds and we're thinking of allocating that this year to associate a specific solicitation for near zero truck and electric truck replacement projects. That is probably the first option available that we can discuss partnering on. Prop 1B has a set of guidelines, that's probably a good model of a Regional Goods Movement Program. A lot of lessons learned under those guideline requirements that I'd be happy to share. Mr. Gorski replied, I think at some point the TAC may want to entertain you giving a presentation on something like that.

MSRC-TAC Member Steven Lee commented that maybe a comment or suggestion for the Better World Group is to give us like a cheat sheet providing what they're thinking and the strategy of it as well. We can kind of implement or help regarding the strategy plan and the vision of this plan. A lot of people's schedules are busy too, I think we do well in regard to email exchange. If we have any further questions or clarifications that we need to make, we can piggyback off some of the suggestions that the Better World Group might have and stem some conversation that way. Also, we can help each other strategize with regards to how to outreach within each organization. We have a lot of departments that handle these kinds of things, so we can help identify those type of personnel and have them in the email chain or a video conferencing or even a presentation.

Ms. White commented, that there's a new program that we started a couple of years now, the Community Protection Program, its AB 617. South Coast AQMD is the leader in identifying these communities in our basin that have significant concerns and we've gone to out to all these communities and we're hearing that trucks are their primary concern.

They're not only living next to the freeways; they are living next to the freeways where the trucks are. I don't want you to feel like goods movement is kind of a remote problem that may not be faced by cities and communities, but it really is one of their top concerns.

MSRC-TAC Member Rongsheng Luo asked if this was more of a sole source type of solicitation? Mr. Gorski replied it's going to have a lot of different solicitation strategies as a function of what we're going for. The first one presented by the MSRC was they wanted a cooperative, which means that someone could come in and be a participant. We're investigating that. We're working with the South Coast AQMD directly on something like that. I think it was clearly articulated as to what that vision was. We're certainly taking that as an action item for near-term response.

ACTION: No further action required.

OTHER BUSINESS

Agenda Item #12 – Other Business

No other business.

PUBLIC COMMENTS:

No public comment.

ADJOURNMENT

THERE BEING NO FURTHER BUSINESS, THE MSRC-TAC MEETING ADJOURNED AT 3:23 P.M.

NEXT MEETING: Next meeting: Thursday, April 4, 2019, 1:30 p.m., at the South Coast Air Quality Management District.

(Minutes prepared by Penny Shaw Cedillo)



**TECHNICAL ADVISORY COMMITTEE TO THE MSRC
THURSDAY, MAY 2, 2019 MEETING MINUTES
21865 Copley Drive, Diamond Bar, CA 91765 - Room CC8**

MSRC-TAC MEMBERS PRESENT:

MSRC-TAC Chair Dan York, Cities of Riverside County
MSRC-TAC Vice-Chair Anthony (AJ) Marquez, Orange County Board of Supervisors
Steve Hillman, City of Los Angeles
Linda Johnson (Alt.), Cities of Orange County
Steven Lee, Los Angeles County Metropolitan Transportation Authority
Rongsheng Luo, Southern California Association of Governments
Kelly Lynn, San Bernardino County Transportation Authority
Tim Olson, California Energy Commission (via conference call)
Andy Silva, San Bernardino County Board of Supervisors
Rick Teebay (Alt.), Los Angeles County Board of Supervisors

OTHERS PRESENT:

Lauren Dunlap, SoCalGas
Denise Arriaga Ibarra, OCTA
Louis Zhao, OCTA

SCAQMD STAFF & CONTRACTORS

Leah Alfaro, Contracts Assistant
Naveen Berry, Assistant Deputy Executive Officer
John Kampa, Financial Analyst
Daphne Hsu, Senior Deputy District Counsel
Matt MacKenzie, Contracts Assistant
Jennifer Nordbak, Secretary
Cynthia Ravenstein, MSRC Contracts Administrator

CALL TO ORDER

- Call to Order
MSRC-TAC Chair Dan York called the meeting to order at 1:35 p.m.

STATUS REPORT

- Clean Transportation Policy Update

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

- Election of MSRC-TAC Chair and Vice Chair

Naveen Berry conducted the annual election of MSRC-TAC Chair and Vice Chair.

Nominations for Chair were opened.

A MOTION WAS INTRODUCED BY MSRC-TAC MEMBER AJ MARQUEZ TO NOMINATE DAN YORK AS CHAIR FOR ANOTHER TERM.

No further nominations were offered, so nominations were closed.

THE ABOVE MOTION WAS UNANIMOUSLY APPROVED.

Nominations for Vice Chair were opened.

A MOTION WAS INTRODUCED BY MSRC-TAC CHAIR DAN YORK, AND SECONDED BY MSRC-TAC MEMBER ADRIANN CARDOSO, TO NOMINATE AJ MARQUEZ AS VICE CHAIR.

No further nominations were offered, so nominations were closed.

THE ABOVE MOTION WAS UNANIMOUSLY APPROVED.

CONSENT CALENDAR (Items 1 through 3)
Receive and Approve

Agenda Item #1 – Minutes for the January 10, 2019 and February 7, 2019, MSRC-TAC Meetings

The minutes for the January 10 and February 7, 2019 MSRC-TAC meetings were not available.

Information Only – Receive and File

Agenda Item #2 – MSRC Contracts Administrator’s Report

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

ON MOTION BY MSRC-TAC VICE CHAIR AJ MARQUEZ AND SECONDED BY MSRC-TAC MEMBER ANDY SILVA, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #2 – #3, THE MSRC-TAC UNANIMOUSLY VOTED TO RECEIVE AND FILE THE CONTRACTS ADMINISTRATOR’S REPORT FOR MARCH 28, 2019 THROUGH APRIL 24, 2019.

ACTION: The Contracts Administrator’s Report will be included on the MSRC’s next agenda for final action.

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

The Financial Report on the AB 2766 Discretionary Fund for April 2019 was distributed at the meeting.

ON MOTION BY MSRC-TAC VICE CHAIR AJ MARQUEZ AND SECONDED BY MSRC-TAC MEMBER ANDY SILVA, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #2 – #3, THE MSRC-TAC UNANIMOUSLY VOTED TO RECEIVE AND FILE THE FINANCIAL REPORT FOR THE MONTH OF APRIL 2019.

ACTION: No further action is required.

ACTION CALENDAR (Items 4 through 6)

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.

ON MOTION BY MSRC-TAC MEMBER JASON FARIN AND SECONDED BY MSRC-TAC MEMBER RONGSHEUNG LUO, THE MSRC-TAC UNANIMOUSLY VOTED TO RECOMMEND TO APPROVE FOR THE CITY OF RIVERSIDE, CONTRACT #ML16034, A NINE-MONTH TERM EXTENSION.

ACTION: MSRC staff will include this contract modification on the next MSRC agenda for approval.

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.

ON MOTION BY MSRC-TAC MEMBER ANDY SILVA AND SECONDED BY MSRC-TAC MEMBER STEVEN HILLMAN, THE MSRC-TAC UNANIMOUSLY VOTED TO RECOMMEND TO APPROVE FOR THE CITY OF SANTA MONICA, CONTRACT #MS16115, TO ALLOW THE RETENTION OF ONE ENGINE FOR TRAINING PURPOSES IN LIEU OF SCRAPPING.

ACTION: MSRC staff will include this contract modification on the next MSRC agenda for approval.

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.

ON MOTION BY MSRC-TAC MEMBER SEAN O’CONNOR AND SECONDED BY MSRC-TAC ALTERNATE LINDA JOHNSON, THE MSRC-TAC UNANIMOUSLY VOTED TO RECOMMEND TO APPROVE FOR OCTA, CONTRACT #MS16029, A

REDUCED SCOPE AND VALUE. MSRC-TAC ALTERNATE ADRIANN CARDOSO ABSTAINED.

ACTION: MSRC staff will include this contract modification on the next MSRC agenda for approval.

2018-21 WORK PROGRAM

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

Ray Gorski, MSRC Technical Advisor, reported the written report that the Better World Group put together provides a really good overview of what’s going on within the goods movement sector throughout the South Coast region. It points out specific near-term opportunities that the MSRC and TAC may want to consider pursuing. There were two specific actions that the Better World Group did on behalf of the program: (1) research other active and potential programs within the goods movement sector within the South Coast Air Basin. That’s important because before we can figure out what the MSRC’s most appropriate role is, we need to understand what the lay of the land is and what other entities are doing; and (2) initiate contacts and develop a contact plan for representatives of the MSRC and TAC to start to forge some potential partnerships. The goal is, while the MSRC has identified substantial funding to support goods movement emission reduction projects, these are very expensive programs. We need to assess the potential to leverage the MSRC’s investment with other monies which are available from either local or state agencies which have similar goals.

The ports of entry, the maritime ports in the Los Angeles/Long Beach area, are the largest in the country and 40% of all containerized cargo comes through those ports on an annual basis. Understand that we transport a lot right through the South Coast Basin as it goes from the maritime ports to the Inland Ports. We understand that the largest component of air pollution that we suffer in this region is because of the goods movement that takes place between our ports and the Inland Empire. We all understand the challenge because we’re familiar with the 2016 Air Quality Management Plan, which goes into the challenges facing this region in great detail. We understand that goods movement distribution is not simply a problem which initiates at the ports of entry and ends up in the Inland Empire. This is a large metropolitan area, goods movement happens along every corridor, along every street to every retail distribution center. Therefore, it’s a regional problem as opposed to an isolated program for which you can address the emissions at both ends and think that you solved the problem. Goods movement happens throughout everyone’s neighborhood.

The Better World Group went out and spent a fair amount of time canvassing agencies which are currently involved in goods movement and formally made contact on behalf of the committee. Some are the contacts included Naveen Berry, our liaison from South Coast Air Quality Management District; Nicholas Nairn-Birch from the California Air Resources Board (CARB); representatives from the California Energy Commission (CEC), who were asked to provide their insight as to potential opportunities for future partnerships with the MSRC; the California Transportation Commission (CTC); the Ports; and Southern California Edison because of their Make Ready Program, regarding which they discussed taking the lead and doing some heavy-

duty and medium-duty vehicle infrastructure. Then the Better World Group talked to the Los Angeles CleanTech Incubator, which is partnered with the City of Los Angeles, the Mayors of Long Beach and Los Angeles and the Ports to put together a roadmap for how we will address electrification in transportation, infrastructure and goods movement in support of the upcoming 2028 Olympics. They are using the Olympics as a benchmark for seeing how much progress we can get between now and 2028. They've set very ambitious goals and one of their key advisers is Mary Nichols from CARB. It's a very high-level group with many stakeholders. Staff has also had conversations with stakeholders such as the Southern California Association of Governments (SCAG). There are going to be some real opportunities to engage SCAG and their efforts and potential ability to bring additional financial resources to the table to implement some programs. We're currently hoping that focus goes toward Last Mile delivery.

To provide a few of the highlights, here are some ideas which have been put on the table by some of the potential project partners, starting with CARB. They have recognized that there's a lot of emphasis being put on goods movement that is being implemented at the Ports, but there are probably unmet opportunities to focus resources on goods movement at the other end of the supply chain. They have suggested that off-road vehicles that are used in cargo handling could be a potential opportunity for the MSRC to pursue. They specifically identified transportation refrigeration units, or "reefers". We would need to work with Senior Deputy District Counsel Daphne Hsu to have certainty that the MSRC is able to fund that type of equipment. If the answer is yes, all these reefers which have to be operating diesel generators to stay cold could potentially be plugged in and utilize grid power. That could be a relatively significant reduction in emissions. They also suggested as a possible project some of the heavy-duty forklifts which are being operated at the warehouse distribution centers in the Inland Empire, potentially using that as a model and then to continue collaborative efforts with CARB and the South Coast AQMD relative to some potential opportunities under AB 617, which is the investment in disadvantaged communities to look at projects that could be implemented to achieve emission reductions in those areas which are disproportionately impacted by goods movement pollution.

With respect to CEC, they are in the process of beginning their 2020-2021 Investment Plan. It was suggested by CEC that this would be a very good time for the MSRC to take a direct role in working with them to help come up with how the investments will be made for the Alternative and Renewable Fuel Vehicle Technology Program. This would be a great opportunity to work directly with sister agency and find out during the planning process how the MSRC and the CEC can collaborate on a goods movement program, especially as it pertains to vehicle demonstrations as well as infrastructure.

Assistant Deputy Executive Officer Naveen Berry spoke with the Better World Group on behalf of South Coast AQMD. We see some direct near-term opportunities here. The MSRC has already suggested to explore opportunities to work with independent truck owner operators, especially those which operate drayage, that is the movement of containers in and out of the ports all the way to the warehouse distribution centers, to help get some of the folks that are independent truckers into cleaner vehicles. What's attractive about this type of program is that there are currently other funds available that could be leveraged, specifically the HVIP Program from CARB, which has set aside a significant amount of money from the Climate Investment Program. They also have very substantial per vehicle incentives available. We're looking at an HVIP incentive that's on the order of \$45,000 per truck. If the MSRC could also potentially leverage some of the new VIP money which is offered from the South Coast AQMD, that could

be another funding increment. There's a real opportunity in the very near term to design a program which could be almost a cooperative, which would have the MSRC as one of the primary stakeholders, but would take into account HVIP money, potentially VIP money for those fleets which operate less than 10 vehicles, and target disadvantaged areas. Also, the South Coast AQMD has the administrative authority for two specific elements of the VW Settlement Program: the heavy-duty drayage truck element as well as the freight and marine category. That is an amount of funding which is approximately \$150 million dollars.

The CTC has SB 1, their Trade Corridor Enhancement Program and Congestion Corridors Program. This is interesting because it's a little bit different. They have the opportunity to make investments in goods movement that aren't necessarily directly tied to a vehicle, meaning that there are opportunities to look at efficiency improvements and other strategies to reduce the overall footprint that goods movement makes on this region. We'll want to find out more about this and investigate if there are going to be any opportunities.

At the Ports of Long Beach and Los Angeles there are numerous projects and substantial money which has been invested because of their role as being the point of embarkation for the goods movement problems within this region. They have several projects which are ongoing, and they have several projects that they are scoping but there's opportunity for the MSRC to partner on expansion of an existing project or--probably more practical--to look at the next wave of projects that are going to be implementing, to see if the MSRC could secure a partnership role. They're looking at the off-road cargo handling equipment and the infrastructure which is necessary, both on the land and the port side to enable the large-scale deployment of advanced technology vehicles: hydrogen fuel cell battery electric, and of course near-zero natural gas vehicles.

Southern California Edison has a very large program to help offset the cost of implementing electric vehicle charging infrastructure for medium- and heavy-duty fleets. Edison has stated that they want to ensure that we don't duplicate efforts, meaning if they are currently charged with doing a program, we should try not to displace them. However, they also noted that they do not have programs necessarily along some of the key corridors, so those could be opportunities. This one will take coordination also with entities like Los Angeles Department of Water and Power as well as the municipal utilities to ensure that the MSRC, when we look at doing infrastructure, is truly leveraging other people's money as opposed to simply displacing their money or being duplicative of money that they already have. The bottom line is we should use their money to the extent we can first.

And then finally the Los Angeles CleanTech Incubator, this entity is important is because they have been recognized as an entity which is putting together the plan that a lot of folks are going to be doing demonstration projects against.

These are the overarching recommendations: invest in initiatives at the Ports, work with South Coast AQMD to implement a program to target the independent owner-operators to get them in clean trucks and leverage available monies of which there are substantial available monies out there. The MSRC could be that little increment that puts it over the top. When they say explore collaborative opportunities beyond California, they're talking about some of the other associations such as Calstart, entities that have historically had a role in helping to establish policy.

Next month you will receive a recommendation for the next phase of the work for the Better World Group to initiate. The funding that the Committee gives the Better World Group is incremental and task oriented, meaning that they don't have a blank check to go off and do this work. We give them specific tasks and they come back with a specific cost proposal and then you make a decision as to whether or not that is in keeping with the program's best interest.

With the work of the Better World Group and some of the other conversations we've been having with other potential stakeholders, what appears to be shaping up is how to engage the TAC and how to get everyone around the table directly involved in this process. I would recommend the TAC consider forming either working groups or subcommittees. There are probably a minimum of four immediate working groups that could be put together to help flesh out and get the ball rolling on some of these opportunities. The first would be the Inland Ports Working Group. This would be specifically focusing on opportunities in the Inland Empire at the warehouse distribution centers. That appears to be logical for a couple reasons. It's a major contributor to the emissions from goods movement and it probably has fewer resources being applied to it than some of the other ones like the maritime ports. Also recommended is a working group to look at Last Mile opportunities, this would be for the smaller trucks which take the goods and deliver them directly to the retail outlets. SCAG has already done a sizable amount of work in this area and they were able to provide some really interesting potential partnerships that the MSRC could start to explore to do some demonstration programs. We also need to continue to work with the Ports working group because of all the activity that's ongoing. There definitely are going to be opportunities to work with the Long Beach and Los Angeles ports to do new demonstration programs, expand programs and help propagate clean technologies. And finally, there is the potential to look at a near-zero emission truck cooperative. This would be focusing on leveraging existing monies to target independent truck owner operators who perform drayage services out of the maritime ports. Some of them drive all the way to the Inland Empire. When you look at the demographics of drayage truck operators, there are approximately 16,000 trucks which are in the port drayage truck registry, and most of those are not operated by big firms. There are some big firms--the TTSIs--but a lot of these are smaller independent owner-operators that make their living by doing as many container hauls as they can and these are the folks that probably would be most receptive to, and the beneficiaries of, a program which could help get them into a near-zero emission vehicle.

MSRC-TAC Alternate Jenny Chan asked in looking at the overarching recommendations that came out of the study, I don't see the Last Mile. That's the one that is the most helpful and it's not listed here. Mr. Gorski replied that was an omission. It's in the report and everyone realizes that it's an essential element. The MSRC recognizes that the Last Mile opportunity has the highest potential because when you look at the current state of technologies, the vehicles which are coming to market first are going to be the smaller Class 4 through 6 vehicles. Those are the ones that are going to be most available commercially at a cost which is going to be a little more in cost parity with conventional vehicles. There's a lot of emphasis of course being placed on drayage trucks, Class 7 and especially Class 8 drayage trucks. But when you're thinking about what's going to be an opportunity to get some near-term emission reductions, the Last Mile is going to be important. The investments are being made by UPS, FedEx, Amazon--these people are investing a lot of money into this. Potential Partnerships with UPS and FedEx for their package delivery trucks are going to be a near-term opportunity, probably even more so than the Class 8 drayage tractors which are coming out of the Ports. They are still range limited. They go to some of the peel off yards or they go to some of the near dock areas, but they still pretty much operate only in short haul. We

have to worry about not only the short haul drayage, you have to worry about getting things to the Inland Empire and the retail outlets. Because of that, there's going to be a real opportunity for the Last Mile.

MSRC-TAC Alternate Rick Teebay added I'm really surprised with the partnering with UPS and FedEx. I would think Amazon with all the data they have. For UPS, especially, they've got it down. They know how to route their trucks already and I just don't see what we could add to that. Mr. Gorski replied what the MSRC can add is putting together some specific projects and get them into some zero-emission vehicles. The MSRC has worked with UPS in the past on technology demonstrations, as we worked with Sysco and other large entities which are associated with goods movement. There's work going on currently to work with those specific entities. We've just had some initial conversations. There will be a real opportunity to work with a package delivery company, to expand the number of vehicles that they'll be demonstrating within a defined geographic location. Mr. Teebay replied zero-emission vehicles would be assisting them with making them more price competitive causing that delta, that's really important. They typically rebuild their truck about every eight years. I worked with them on a different project and one of the things they saw was, that when they replace the diesel engine with something cleaner, even zero, they still weren't getting all the technology that was embedded in a zero-emission vehicle and they saw that as a far better investment than rebuilding their old engine.

MSRC-TAC Member Steve Lee questioned would getting them into trucks mean to fund those large companies to purchase these electric vehicles? Mr. Gorski replied that's an option to have a buy-down incentive to help them make that cost decision. Mr. Lee continued, to recap on our perspective and our steps on providing a regional programmatic approach, we're discontinuing all the existing previous programs, except the Major Events Center, and rolling into a three-year Work Program. With the pot of money that results from discontinuing all previous programs, utilize those funds to get into partnerships within these four categories that we decide to, if not more. Mr. Gorski replied this was just four examples put out on the table to stimulate discussion. The MSRC's emphasis this year, is really to recognize what the South Coast AQMD has been saying for the past two and a half years, that the emissions problem that we are faced with primarily is a result of goods movement within this region and to put resources to directly combat emissions generated from that largest source, goods movement. Mr. Lee commented when this first came about, Dan York mentioned we can leverage these funds in Sacramento, to potentially multiply the amount of funding that we might have, is that still in play in regard to a seeking some type of funds from Sacramento? Mr. Gorski replied that's exactly what the Better World Group has gone off and done. They've laid out the landscape of who's doing what within goods movement, where the money's coming from, and how much the investment is. They looked at the future and said this is what the potential for additional goods movement investment is and finally, this is where the MSRC has the opportunity to potentially partner with these agencies to leverage the funds that the MSRC has brought to the table. The next phase will be to more or less begin implementation and to start to have some really meaningful conversations about how the MSRC can potentially implement mutually beneficial programs that leverage MSRC funding with another color of money. Mr. Lee asked if this potentially might not be limited just to these agencies that are already listed. Could other entities, private companies, county transportation commissions or whatnot apply for these funds if in fact they fall into these categories of goods movement and innovative approaches? Mr. Gorski replied that's all to be determined. These committees are going to be charged to put together some specific approaches

and plans to start to implement programs or projects. At this point absolutely everyone's at the table. We've been having staff conversations with other potential stakeholders. One of the benchmarks that the MSRC should set is similar to what other agencies do, including the South Coast AQMD, and that is you leverage your funds at a minimum of two to one or better. We should look for those programs in which there's a real opportunity for the MSRC's investment to be met with an equal or greater co-investment. Mr. Lee commented in regards partnering and SB 1 funds, there are agencies that are eligible to receive some of that funding. Essentially for putting up \$10 million and you have \$10 million grant funding available, there's potentially \$20 million that can be available to the grantees. Mr. Gorski replied there's no reason why the MSRC should be the sole contributor to these programs. They have the ability to have a seat at the table for some of these future funding decisions and partner with other agencies who have mutual goals. Mr. Lee said if an entity wants to apply for this regional program funding, it should be tied to another funding source, so that we can co-fund. Mr. Gorski replied they should bring either hard cash, which is always the preference, or a meaningful in-kind contribution. Every program that I'm aware of, that's currently within the goods movement realm, has that as a minimum requirement.

Mr. Teebay commented with the independent operators we really need to be careful, so that it minimizes or doesn't have a tax consequence for the operators. That's really important. Mr. Gorski replied that is pretty well understood though. The MSRC, South Coast AQMD, Carl Moyer Program, HVIP and the VIP Programs have given out money for a lot of years. It should be possible to find out what if any tax liabilities there are by accepting a grant on a program. The VIP Program at South Coast AQMD for example is specifically designed to target those types of operators--the fewer than 10 vehicle owners who currently operate a less than clean truck. Naveen Berry, Assistant Deputy Executive Officer added on the tax liability issues, there are certain programs that requires to a tax form to the entity that's receiving the incentive and there are others that don't.

Mr. Lee asked with respect to the previous programs that we funded; do you know which ones are still eligible to apply for some of the funding that are available with this new approach? Mr. Gorski replied there's nothing. The Work Program from last year is done and right now what the MSRC has is a clean sheet of paper. There are a couple of program elements which they decided to continue, one being, the Major Event Center. Infrastructure is going to be an essential element of goods movement; however, it will be implemented very differently than in past years.

MSRC-TAC member Andy Silva commented that the South Coast AQMD is going to adopt an indirect source rule for warehouses and distribution centers; it's scheduled for December. San Bernardino County, as the local agency, actually did condition a new warehouse to have plug-in transportation refrigeration units but that's not a mandate. It's a mandate from us as the local land use authority, for a new warehouse to use that technology. On other entities to talk to I would add CE-CERT, at University of California Riverside because they do a lot of cool stuff and they would be an appropriate partner.

MSRC-TAC Chair Dan York added I just want to point out that the MSRC is embarking on a clean slate and I think a lot of that's been because of this group's discussion leadership. It's going to be really important that we do read the report from the Better World Group. It's also important that we recall that for us to be successful in doing this for more than just a three-year program, we want to be thinking longer than that. To get too diluted on too many working groups and too

many secondary priorities and to also not be able to show a significant and a timely emissions reduction program, we should be mindful of that. The MSRC went along with staff's recommendation and the MSRC-TAC's recommendation, but there was also some reluctance in that. They still have an opportunity to redirect us. I want us to continue to be mindful that we want to deliver something to them, that they can say, hey look what we did sooner than later. There are a lot of good recommendations in here and some of these recommendations may not really play out for another three or four years and that's okay, because there may still be out of this group, maybe not necessarily a working group, but there may be something to where we invest a small amount of money to start developing that program, working with maybe South Coast AQMD so that in three or four years when that program is really ripe we'll already be ready and that'll be a stronger recommendation for us in a future Work Program.

MSRC-TAC Vice Chair AJ Marquez commented looking at the four working groups, the only one I see that's very applicable to Orange County's participation would be the Last Mile Program. We don't have a maritime port, there are warehouses obviously in Orange County, but not to the extent that there are the Inland Empire. Then of course drayage fleets would not be applicable to the County of Orange. Did the MSRC have any discussion regarding Orange County's participation, their stake in this program? Mr. Gorski replied I didn't think the MSRC had specific geographic recommendations, but I can assure you that the initial staff discussions we've had with stakeholders such as SCAG have really thought of Orange County as being a primary demonstration location. The reason that came up was because there are certain goods movement destinations within the greater Orange County area which generate an awful lot of trips. For example, if you look at Anaheim with all the destinations there, potentially looking at having some near zero-emission regions within the resort complex would be a potential demonstration. Orange County was the one that we more or less thought of first, not that it isn't replicable in all regions within the South Coast Basin. We felt that given the density and the number of attractions that draw visitors from all over and the amount of goods movement, it would be a wonderful region to identify for doing some last mile demonstrations.

MSRC-TAC Member Tom Olsen commented the four areas resonate with us at the Energy Commission. The work group ideas are really good. It's really kind of the outcome you want to see out of this and even this white paper the Better World Group produced is already out of date. I can make some recommendations to the MSRC's ability to get informed and then maybe better access to other sources of money. There's another kind of strategy of securing the money and making sure you're advocating your preferences. Then there's an implementation strategy, which lends itself more to these collaboration type of things. That could be some industry people, the ports, utilities, private investment sources too. We might want to think about what's the outcome we're looking for with the work groups.

OTHER BUSINESS

Agenda Item #8 – Other Business

No other business.

PUBLIC COMMENTS:

No public comment.

ADJOURNMENT

THERE BEING NO FURTHER BUSINESS, THE MSRC-TAC MEETING
ADJOURNED AT 2:57 P.M.

NEXT MEETING: Next meeting: Thursday, June 6, 2019, 1:30 p.m., at the South Coast Air
Quality Management District.

(Minutes prepared by Penny Shaw Cedillo)

DRAFT

AGENDA ITEM #2

Summary of Final Reports by MSRC Contractors



MSRC-TAC Agenda Item No. 2

Date: January 9, 2020
From: Ray Gorski, MSRC Technical Advisor
Subject: Final Reports Received and Reviewed

Three (3) Final Reports have been submitted for MSRC-TAC review and approval:

- Rialto Unified School District, MS14076 (\$225,000– Construct New Public Access CNG Station)
- Orange County Transportation Authority, MS16029 (\$836,413 – TCM Partnership Program - OC Bikeways)
- Orange County Transportation Authority, MS18005 (\$834,222– Clean Fuel Bus Service to OC Fair)

A summary of each Final Report is attached. The MSRC staff has reviewed both Final Reports and recommends approval.

Contractor: Rialto Unified School District
Contract Number: MS14076
Contract Amount: \$225,000
Title: Construction of Public Access Compressed Natural Gas Refueling Station

Discussion

Rialto Unified School District (RUSD) partnered with MSRC and California Energy Commission (CEC) to build a publicly accessible CNG stations in Rialto, CA. Rialto Unified School District (RUSD) owns a fleet of school buses to transport students to and from school. The number of alternative fuel buses increased at a rapid rate while CNG fueling stations remained stagnant. With the \$225,000 in Clean Transportation Funding™ support from the MSRC, along with \$500,000 in CEC grant support and with a RUSD contribution, Rialto Unified School District was able to install the following CNG station equipment:

- Two (2) fast-fill vehicle fueling positions (pumps) and roof structure;
- CNG equipment enclosure to house three (3) CNG storage tanks;
- Three (3) CNG compressors and one (1) backup generator;
- Storm water facilities;
- Utility upgrades to support operations; and
- Hardscape/landscape improvements.

During the first few months of the CNG project, there were several delays that were unavoidable and unforeseen at the time of the planning process. The activities performed from the award bid to the final commissioning took approximately two years and one month. After the commissioning, it was determined that the County of San Bernardino Department of Agriculture, Weights and Measurements is required to complete a weight and measures tests prior to selling to any type of fuel to the public which took place on May 7, 2018.

Unforeseen activities which resulted in delays to the project included the following:

- March 2016, the building design did not include a “Data Room” which is a separate structure to protect the equipment servers, electrical panels, and phone lines. This was discovered as a result of the requirement for the fuel management software and network requirements. The revision was approved by the city on June 21, 2016.
- A design change took place from October 2016 to April 2017 to include infrastructure resulting from an Electrical School Bus Grant from the Federal Department of Energy. Rialto Unified School District is to receive eight (8) electric school buses from Bluebird in 2020. Due to the increase of the eight additional Electric buses, the electricity supply was increased from one 4,000 amp, grid to a capacity, to two 4,000 amp grid. Construction timeline was extended for two additional months as a result of the delay from Southern California Edison (SCE), and the need to upgrade our electrical system to accommodate electrically powered school buses. It was determined that it would be cost effective to do the upgrading now at this phase in order to avoid the cost of having to re-open and dig underground after the high pressure gas lines were installed. By April 2017 all changes were approved by Southern California Edison and upgrades were installed.

- April 2017, the original Electrical vaults were not acceptable to the Edison field inspector. The electrical vaults had to be removed and RUSD had to order new vaults. This delayed the project three (3) weeks, new vaults arrived on Friday, May 12, 2017. The vaults were installed and approved by the Edison inspector.

Photos: – CNG Dryer System (top) & Completed CNG Station (bottom)



Contractor: Orange County Transportation Authority
Contract Number: MS16029
Contract Amount: \$836,413
Title: TCM Partnership Program – OC Bikeways

Discussion

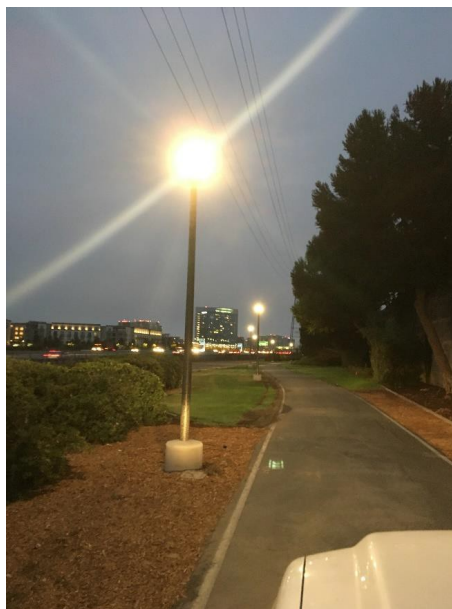
OCTA was awarded \$836,413 in MSRC Clean Transportation Funding™ for the following projects:

- Freeway Trail Lighting Improvements Project
- San Juan Capistrano Bicycles Lanes Gap Closure Project
- Lambert Road Bike Lanes Project
- Cerritos Avenue Bike Corridor Improvements Project

Freeway Trail Lighting Improvements Project - The project is on the existing trail commonly known as the Culverdale Trail which is located north of the Interstate 405 freeway and runs parallel to the I-405 and Main Street from San Diego Creek to Culver Drive. The segment is approximately 6,000 feet in length and the project scope includes the installation of new pole mounted trail lights along the Class I bike path, to provide safety for bicycle commuters and pedestrians. Via the connection to Main Street by means of the Class I bicycle lanes on Harvard Avenue, the Freeway Trail project provides access to community parks, residential communities, retail centers and business parks.

Prior to the implementation of this project there was no bicycle or pedestrian scale lighting within the project location. Although there were existing streetlights along parallel Main Street, the cyclists would have to share the road with vehicles travelling at speeds of up to 50 miles per hour if they chose that route. The project increases visibility and enhances safety.

Trail Lighting Improvements



San Juan Capistrano Bicycles Lanes Gap Closure Project - The City of San Juan Capistrano Bikeway Gap Closure Project includes capital improvements throughout the City to enhance connectivity and safety. The improvements increased bicycle and walking, reduced automobile use, and improved air quality. The San Juan Capistrano Bikeway Gap Closure Project includes a total of 2.1 miles of new bikeways and improvements in five locations.

Camino Capistrano Improvements



Lambert Road Bike Lanes Project - The Lambert Road Bikeway Project is located along Lambert Road/Carbon Canyon Road between Sunflower Street and the entrance to Carbon Canyon Regional Park at Santa Fe Road. The project included the construction of a new five-foot wide Class II bikeway in both directions.

Lambert Road Bike Lanes Project – Before



Lambert Road Bike Lanes Project – After



Cerritos Avenue Bike Corridor Improvements Project - The project is located in the City of Cypress and upgraded the previously existing Class III bike facility to a one-mile Class I bike facility on the south side of Cerritos Avenue as well as a Class II facility on both sides of Cerritos Avenue from Denni Street to Walker Street. The previous Class III facility along the project limits only designated the preferred route for cyclists on the street, which is not appropriate for roadways with high motor traffic speeds and volumes. The project provided a dedicated bikeway to promote continuity to the bikeway network and provide exclusive right-of-way for cyclists separate from the roadway that minimize cross flows by motor traffic. The project also maintained the existing pedestrian path which was separated using a landscaped buffer and reduces pedestrian-cyclist conflicts.



Bike route without a painted bike lane on both sides of Cerritos Avenue.



Painted bike lanes on both sides with a 3' wide buffer and a 6' wide off street bike path.

Contractor: Orange County Transportation Authority
Contract Number: MS18005
Contract Amount: \$834,222
Title: Orange County Fair Event Center Transportation Program

Discussion

OCTA was awarded \$834,222 in MSRC Clean Transportation Fundin™ to operate the OC Fair Express special event service to the OC Fair in 2017 and 2018. The OC Fair is a 128-year old tradition and is considered one of the largest fairs in the nation with over 1.3 million visitors. The popularity of the OC Fair results in high weekend traffic congestion that exceeds the current road capacity and results in harmful emissions from idling vehicles.

Target audiences included current bus riders, Metrolink rail riders and the general Orange County population. Marketing efforts were specifically targeted around each of nine the departure locations, and targeted both English and Spanish-speaking populations.

The objectives were to position public transportation as a cost effective, viable alternative to travelling to the fair; to create awareness and trial use by new riders and repeat use by current riders; and to encourage connectivity from Los Angeles and Riverside counties via Metrolink commuter rail service.

To maximize ridership potential, OCTA undertook a joint messaging campaign with the OC Fair positioning OC Fair Express the “Official Transportation Provider for the OC Fair”. A key component for success was a special discount for OC Fair Express riders –

\$4 admission, which was an \$10 savings. This discount provided not only an incentive for ridership, but the savings could be used towards the grant required matched funds, thereby reducing the out-of-pocket needed.

A comprehensive marketing campaign was executed integrating a variety of tactics and communications platforms:

Print Media:

- Targeted Direct Mail was distributed to households near 9 locations.
- Brochures with schedules and location maps distributed on buses and throughout the county.
- Print ads appeared in AAA Magazine, OC Register, Excelsior, Laguna Woods Globe, Saddleback Valley News, Coastal Current South.
- Ads appeared in customer bus books.

Outdoor Media:

- Bus exterior ads (full wrap bus, ultra super kings, kings and tails)
- Bus interior ads
- Bus and Metrolink transit center signage

- Mall banner ads (Westminster Mall, The Shops at Mission Viejo, Outlets at Orange)
- Movie Theater Ads (3 locations)
- Bus stop information
- Pole banners at all locations
- Metrolink station banners
- ARTIC signage

Digital Media:

- OC Bus website (dedicated page)
- OC Bus website banner ads
- Email (OCTA current customer base, previous OC Fair Express riders)
- Social: Facebook (organic posts and targeted paid ads), Instagram and Twitter
- Partner Blogs

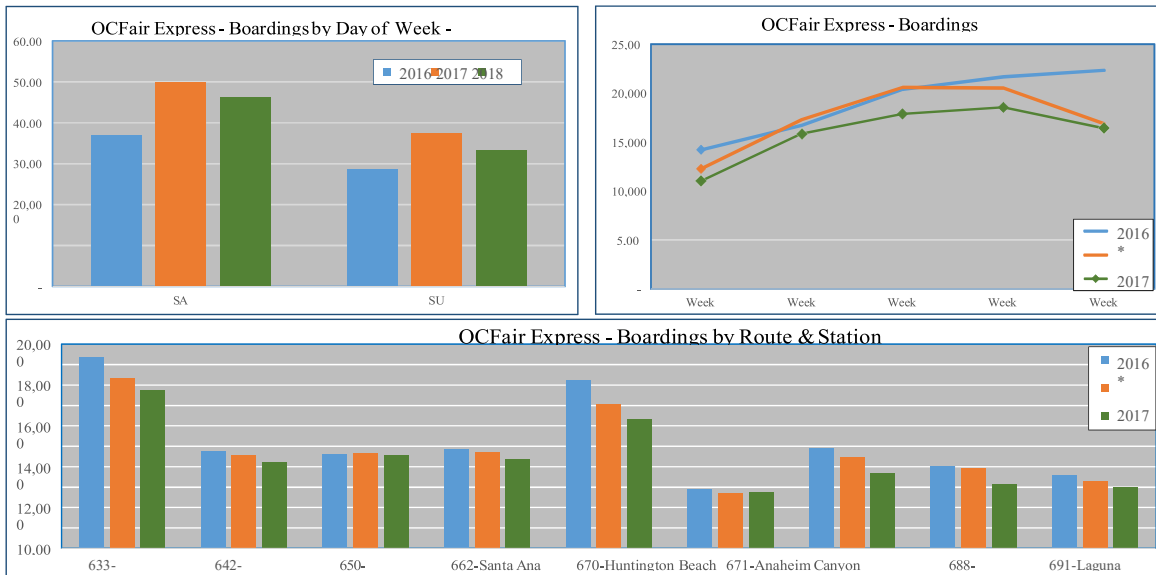
Kickoff Event:

- Laguna Niguel/Mission Viejo Metrolink Station, including executive management
- Bags for customers (OC Fair tote, ride tickets, sunscreen, water bottle, visor)
- Direct Mail to residents around location
- Email (OCTA current customer base)
- Social: Facebook (organic posts and targeted paid ads),

OC Fair Partnership:

- \$4 Admission coupon
- Newspaper ads
- Bus Shelter Ads
- Digital ads
- OC Fair Website (banner ads, transit page)

This special bus service has been an overwhelming success since it's relaunch in 2011, obtaining a 320 percent increase over the 2008 service. Ridership has increased each year from 2012 through 2017 (80% in 2012; 26.6% in 2013; 31% in 2014; 2.5 % in 2015; 20% in 2016; 33% in 2017). In 2018, the OC Fair Express special event service recorded 79,684 boarding's during the 10-day service, recording a 9% decrease from last year. Comparing weather indexes, it appears heat may have impacted ridership.



Survey results:

- 40 percent were new OC Bus riders
- 40 percent are repeat OC Fair Express riders; increase of 7% from last year
- 97 percent of riders were satisfied or very satisfied with the service
- 20 percent used OC Bus Mobile for payment
- Awareness of OC Fair Express service came from:
 - 30 percent – word of mouth
 - 20 percent – OC Fair website
 - 4.5 percent – newspaper ads
 - 4.3 percent – digital ads
 - 5 percent – social media
 - 4 percent – on board bus flyer
 - 5.0 percent – bus exterior/interior ads

Digital Media results:

- Achieved 70,813 website sessions, with 67% (47,525) new users/sessions.
- Organic search (Google/Yahoo/Bing) accounted for 48% of sessions, direct search (ocfairexpress.com) and Facebook referred ads accounted for 17% each.
- Email campaign achieved a 23.57 percent open rate with a 2.11% CTR

- Facebook paid ads delivered 1,391,905 impressions, achieving a 1.13 percent CTR, industry average is .90 percent.

AGENDA ITEM #3

MSRC Contracts Administrator's Report

MSRC-TAC Agenda Item No. 3

DATE: January 9, 2020

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 October 31 to December 26, 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 SCAQMD Board Chair for signature or executed.

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

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

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

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

Work Program Status

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

FY 2010-11 Work Program Contracts

One contract from this work program year is open; and 16 are in “Open/Complete” status. 3 contracts closed during this period: City of Anaheim, Contract #ML11037 – Purchase 12 Natural Gas Heavy-Duty Vehicles; City of Redlands, Contract #MS11067 – Expansion of Existing CNG Station; and CR&R, Inc., Contract #MS11016 – Install New CNG Station in Perris. One contract passed into “Open/Complete” status during this period: City of Newport Beach, Contract #ML11045 – Purchase One Heavy-Duty Natural Gas Vehicle.

FY 2010-11 Invoices Paid

No invoices were paid during this period.

FY 2011-12 Work Program Contracts

7 contracts from this work program year are open, and 18 are in “Open/Complete” status. One contract closed during this period: USA Waste of California, Contract #MS12004 – Construct New Limited Access CNG Station. One contract passed into “Open/Complete” status during this period: City of Santa Monica, Contract #MS12060 – Implement Westside Bikeshare Program.

FY 2011-12 Invoices Paid

No invoices were paid during this period.

FYs 2012-14 Work Program Contracts

21 contracts from this work program year are open, and 29 are in “Open/Complete” status. One contract closed during this period: City of Torrance, Contract #ML14014 – Install EV Charging Infrastructure.

FYs 2012-14 Invoices Paid

No invoices were paid during this period.

FYs 2014-16 Work Program Contracts

47 contracts from this work program year are open, and 30 are in “Open/Complete” status. One contract closed during this period: City of Yucaipa, Contract #ML16054 – Implement a

“Complete Streets” Pedestrian Access Project. One contract passed into “Open/Complete” status during this period: City of Monterey Park, Contract #ML16013 – Purchase 3 Heavy-Duty Natural Gas Vehicles.

FYs 2014-16 Invoices Paid

3 invoices totaling \$587,681.75 were paid during this period.

FYs 2016-18 Work Program Contracts

130 contracts from this work program year are open, and 9 are in “Open/Complete” status. 3 contracts passed into “Open/Complete” status during this period: City of Culver City, Contract #ML18045 – Purchase 8 Heavy-Duty Near-Zero Emission Vehicles; City of Culver City, Contract #ML18076 – Purchase One Light-Duty ZEV; and City of Orange, Contract #ML18077 – Purchase 4 Light-Duty ZEVs and Install EV Charging Infrastructure.

13 invoices totaling \$477,393.71 were paid during this period.

Administrative Scope Changes

7 administrative scope changes were initiated during the period of October 31 to December 26, 2019:

- City of Desert Hot Springs, Contract #ML18022 (Synchronize Traffic Signals on Palm Drive) – One-year term extension
- County of Los Angeles, Contract #ML14096 (Enhance San Gabriel Bike Trail) – Three-month term extension
- City of Calabasas, Contract #ML18034 (Install EV Charging Stations) – One-year term extension
- Regents of the University of California, Contract #MS18014 (Planning for EV Charging Infrastructure Investments) – Three-month term extension
- County of Los Angeles, Contract #ML14030 (Install Bicycle Racks & Implement Bicycle Education) – Three-month term extension
- City of Redondo Beach, Contract #ML18098 (Install EV Charging Stations) – One-year term extension
- City of El Monte, Contract #ML16083 (Install EV Charging Stations) – Change vehicles serviced from five to six, and make all stations dual-outlet

Attachments

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



AB2766 Discretionary Fund Program Invoices

October 31, 2019 to December 26, 2019

Contract Admin.	MSRC Chair	MSRC Liaison	Finance	Contract #	Contractor	Invoice #	Amount
<i>2014-2016 Work Program</i>							
12/10/2019	12/11/2019	12/11/2019	12/11/2019	MS16110	City of Riverside	1	\$71,250.00
12/4/2019	12/11/2019	12/11/2019	12/11/2019	ML16122	City of Wildomar	1-Final	\$500,000.00
12/18/2019				MS16124	Riverside County Transportation Commission	02128	\$16,431.75
Total: \$587,681.75							
<i>2016-2018 Work Program</i>							
12/18/2019				MS18023	Riverside County Transportation Commission	02154	\$16,743.09
12/13/2019				ML18035	City of Westlake Village	1-Final	\$50,000.00
12/10/2019	12/11/2019	12/11/2019	12/11/2019	ML18146	City of South Gate	011924	\$50,000.00
12/10/2019	12/11/2019	12/11/2019	12/11/2019	ML18161	City of Indio	1	\$10,000.00
12/24/2019				ML18070	City of Lomita	1-Final	\$6,250.00
12/19/2019				ML18074	City of Buena Park	C1000001-Fi	\$107,960.00
11/6/2019	11/21/2019	11/21/2019	11/22/2019	MS18003	Geographics	19-21809	\$373.00
12/3/2019	12/11/2019	12/11/2019	12/11/2019	ML18085	City of Orange	0114258	\$25,000.00
11/22/2019	12/11/2019	12/11/2019	12/11/2019	ML18080	City of Santa Monica	11192019	\$14,748.62
11/21/2019	12/11/2019	12/11/2019	12/11/2019	ML18057	City of Carson	356	\$50,000.00
11/21/2019	11/21/2019	11/21/2019	11/22/2019	MS18024	Riverside County Transportation Commission	02153	\$86,170.00
11/20/2019	11/21/2019	11/21/2019	11/22/2019	ML18077	City of Orange	114218/FINA	\$59,776.00
12/4/2019	12/11/2019	12/11/2019	12/11/2019	MS18003	Geographics	19-21867	\$373.00

Total: \$477,393.71

Total This Period: \$1,065,075.46



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

12/27/2019

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
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
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
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: 61

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

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	Yes

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
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Total: 1

Declined/Cancelled Contracts

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

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
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
ML11037	City of Anaheim	12/22/2012	12/21/2019		\$300,000.00	\$300,000.00	Purchase 12 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11039	City of Ontario, Housing & Municipal	1/27/2012	9/26/2018		\$180,000.00	\$180,000.00	Purchase 6 Nat. Gas H.D. Vehicles	\$0.00	Yes
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
MS11016	CR&R Incorporated	4/12/2013	10/11/2019		\$100,000.00	\$100,000.00	New CNG Station - Perris	\$0.00	Yes
MS11017	CR&R, Inc.	3/2/2012	2/1/2018		\$100,000.00	\$100,000.00	Expansion of existing station - Garden Grove	\$0.00	Yes
MS11018	Orange County Transportation Autho	10/14/2011	1/31/2012		\$211,360.00	\$211,360.00	Express Bus Service to Orange County Fair	\$0.00	Yes
MS11052	Krisda Inc	9/27/2012	6/26/2013		\$120,000.00	\$120,000.00	Repower Three Heavy-Duty Vehicles	\$0.00	Yes
MS11055	KEC Engineering	2/3/2012	8/2/2018	8/2/2019	\$200,000.00	\$200,000.00	Repower 5 H.D. Off-Road Vehicles	\$0.00	Yes
MS11056	Better World Group Advisors	12/30/2011	12/29/2013	12/29/2015	\$206,836.00	\$186,953.46	Programmatic Outreach Services	\$19,882.54	Yes
MS11057	Riverside County Transportation Co	7/28/2012	3/27/2013		\$100,000.00	\$89,159.40	Develop and Implement 511 "Smart Phone"	\$10,840.60	Yes
MS11058	L A Service Authority for Freeway E	5/31/2013	4/30/2014		\$123,395.00	\$123,395.00	Implement 511 "Smart Phone" Application	\$0.00	Yes
MS11061	Eastern Municipal Water District	3/29/2012	5/28/2015		\$11,659.00	\$1,450.00	Retrofit One Off-Road Vehicle under Showc	\$10,209.00	Yes
MS11062	Load Center	9/7/2012	1/6/2016	12/6/2016	\$175,384.00	\$169,883.00	Retrofit Six Off-Road Vehicles under Showc	\$5,501.00	Yes
MS11065	Temecula Valley Unified School Distr	8/11/2012	1/10/2019		\$50,000.00	\$48,539.62	Expansion of Existing CNG Station	\$1,460.38	Yes
MS11066	Torrance Unified School District	11/19/2012	9/18/2018		\$42,296.00	\$42,296.00	Expansion of Existing CNG Station	\$0.00	Yes
MS11067	City of Redlands	5/24/2012	11/23/2018	11/23/2019	\$85,000.00	\$85,000.00	Expansion of Existing CNG Station	\$0.00	Yes
MS11068	Ryder System Inc.	7/28/2012	10/27/2018		\$175,000.00	\$175,000.00	New Public Access L/CNG Station (Fontana)	\$0.00	Yes
MS11069	Ryder System Inc.	7/28/2012	8/27/2018		\$175,000.00	\$175,000.00	New Public Access L/CNG Station (Orange)	\$0.00	Yes
MS11074	SunLine Transit Agency	5/11/2012	7/31/2012		\$41,849.00	\$22,391.00	Transit Service for Coachella Valley Festival	\$19,458.00	Yes
MS11079	Bear Valley Unified School District	2/5/2013	10/4/2019		\$175,000.00	\$175,000.00	New Limited Access CNG Station	\$0.00	Yes
MS11080	Southern California Regional Rail 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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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: 45

Closed/Incomplete Contracts

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

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
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
ML11045	City of Newport Beach	2/3/2012	8/2/2018	3/2/2021	\$30,000.00	\$30,000.00	Purchase 1 Nat. Gas H.D. Vehicle	\$0.00	Yes
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
MS11019	City of Corona	11/29/2012	4/28/2020		\$225,000.00	\$225,000.00	Expansion of Existing CNG Station	\$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
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

Total: 16

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	11/23/2021	\$30,000.00	\$0.00	One Heavy-Duty Nat. Gas Vehicles	\$30,000.00	No
ML12045	City of Baldwin Park DPW	2/14/2014	12/13/2020	6/13/2025	\$400,000.00	\$0.00	Install New CNG Station	\$400,000.00	No
ML12057	City of Coachella	8/28/2013	8/27/2019	1/27/2022	\$57,456.00	\$57,456.00	Purchase One Nat. Gas H.D. Vehicle/Street	\$0.00	No
ML12090	City of Palm Springs	10/9/2015	10/8/2021	9/8/2025	\$21,163.00	\$0.00	EV Charging Infrastructure	\$21,163.00	No
ML12091	City of Bellflower	10/5/2018	10/4/2019	6/30/2020	\$100,000.00	\$0.00	EV Charging Infrastructure	\$100,000.00	No

Total: 7

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
ML12039	City of Redlands	2/8/2013	10/7/2019		\$90,000.00	\$90,000.00	Three Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML12041	City of Anaheim Public Utilities Depa	4/4/2014	11/3/2015	11/3/2017	\$68,977.00	\$38,742.16	EV Charging Infrastructure	\$30,234.84	Yes
ML12042	City of Chino Hills	1/18/2013	3/17/2017		\$87,500.00	\$87,500.00	Expansion of Existing CNG Station	\$0.00	Yes
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 Stadiu	\$88,830.00	Yes
MS12002	Orange County Transportation Autho	9/7/2012	4/30/2013		\$342,340.00	\$333,185.13	Express Bus Service to Orange County Fair	\$9,154.87	Yes
MS12003	Orange County Transportation Autho	7/20/2012	2/28/2013		\$234,669.00	\$167,665.12	Implement Metrolink Service to Angel Stadiu	\$67,003.88	Yes
MS12004	USA Waste of California, Inc.	10/24/2013	11/23/2019		\$175,000.00	\$175,000.00	Construct New Limited-Access CNG Station	\$0.00	Yes
MS12005	USA Waste of California, Inc.	10/19/2012	8/18/2013		\$75,000.00	\$75,000.00	Vehicle Maintenance Facility Modifications	\$0.00	Yes
MS12006	Waste Management Collection & Re	10/19/2012	8/18/2013		\$75,000.00	\$75,000.00	Vehicle Maintenance Facility Modifications	\$0.00	Yes
MS12010	Murrieta Valley Unified School Distric	4/5/2013	9/4/2019		\$242,786.00	\$242,786.00	Construct New Limited-Access CNG Station	\$0.00	Yes
MS12012	Rim of the World Unified School Dist	12/20/2012	5/19/2014		\$75,000.00	\$75,000.00	Vehicle Maintenance Facility Modifications	\$0.00	Yes
MS12025	Silverado Stages, Inc.	11/2/2012	7/1/2018		\$150,000.00	\$150,000.00	Purchase Six Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12026	U-Haul Company of California	3/14/2013	3/13/2019		\$500,000.00	\$353,048.26	Purchase 23 Medium-Heavy Duty Vehicles	\$146,951.74	Yes
MS12028	Dy-Dee Service of Pasadena, Inc.	12/22/2012	1/21/2019		\$45,000.00	\$40,000.00	Purchase 2 Medium-Duty and 1 Medium-He	\$5,000.00	Yes
MS12029	Community Action Partnership of Or	11/2/2012	11/1/2018		\$25,000.00	\$14,850.00	Purchase 1 Medium-Heavy Duty Vehicle	\$10,150.00	Yes
MS12031	Final Assembly, Inc.	11/2/2012	11/1/2018		\$50,000.00	\$32,446.00	Purchase 2 Medium-Heavy Duty Vehicles	\$17,554.00	Yes
MS12032	Fox Transportation	12/14/2012	12/13/2018		\$500,000.00	\$500,000.00	Purchase 20 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12035	Disneyland Resort	1/4/2013	7/3/2019		\$25,000.00	\$18,900.00	Purchase 1 Medium-Heavy Duty Vehicle	\$6,100.00	Yes
MS12036	Jim & Doug Carter's Automotive/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 Autho	2/28/2013	12/27/2014		\$75,000.00	\$75,000.00	Maintenance Facilities Modifications	\$0.00	Yes
MS12061	Orange County Transportation Autho	3/14/2014	3/13/2017		\$224,000.00	\$114,240.00	Transit-Oriented Bicycle Sharing Program	\$109,760.00	Yes
MS12062	Fraser Communications	12/7/2012	5/31/2014		\$998,669.00	\$989,218.49	Develop & Implement "Rideshare Thursday"	\$9,450.51	Yes
MS12064	Anaheim Transportation Network	3/26/2013	12/31/2014		\$127,296.00	\$56,443.92	Implement Anaheim Circulator Service	\$70,852.08	Yes
MS12065	Orange County Transportation Autho	7/27/2013	11/30/2013		\$43,933.00	\$14,832.93	Ducks Express Service to Honda Center	\$29,100.07	Yes
MS12068	Southern California Regional Rail Au	3/1/2013	9/30/2013		\$57,363.00	\$47,587.10	Implement Metrolink Service to Autoclub Sp	\$9,775.90	Yes
MS12069	City of Irvine	8/11/2013	2/28/2014		\$45,000.00	\$26,649.41	Implement Special Transit Service to Solar	\$18,350.59	Yes
MS12071	Transit Systems Unlimited, Inc.	5/17/2013	12/16/2018		\$21,250.00	\$21,250.00	Expansion of Existing CNG Station	\$0.00	Yes
MS12072	99 Cents Only Stores	4/5/2013	9/4/2019		\$100,000.00	\$100,000.00	Construct New CNG Station	\$0.00	Yes
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
MS12076	City of Ontario, Housing & Municipal	3/8/2013	4/7/2015		\$75,000.00	\$75,000.00	Maintenance Facilities Modification	\$0.00	Yes
MS12078	Penske Truck Leasing Co., L.P.	1/7/2014	1/6/2016		\$75,000.00	\$73,107.00	Maintenance Facility Modifications - Vernon	\$1,893.00	Yes
MS12081	Penske Truck Leasing Co., L.P.	1/7/2014	1/6/2016		\$75,000.00	\$75,000.00	Maintenance Facility Modifications - Santa A	\$0.00	Yes
MS12085	Bear Valley Unified School District	4/25/2013	6/24/2014		\$75,000.00	\$75,000.00	Maintenance Facility Modifications	\$0.00	Yes
MS12086	SuperShuttle International, Inc.	3/26/2013	3/25/2019		\$225,000.00	\$225,000.00	Purchase 23 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12087	Los Angeles County MTA	8/29/2013	11/28/2015		\$125,000.00	\$125,000.00	Implement Rideshare Incentives Program	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS12088	Orange County Transportation Autho	12/6/2013	3/5/2016		\$125,000.00	\$18,496.50	Implement Rideshare Incentives Program	\$106,503.50	Yes
MS12089	Riverside County Transportation Co	10/18/2013	9/17/2015		\$249,136.00	\$105,747.48	Implement Rideshare Incentives Program	\$143,388.52	No
MS12Hom	Mansfield Gas Equipment Systems				\$296,000.00	\$0.00	Home Refueling Apparatus Incentive Progra	\$296,000.00	No

Total: 51

Closed/Incomplete Contracts

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

Total: 4

Open/Complete Contracts

ML12015	City of Fullerton	4/25/2013	11/24/2020	11/24/2021	\$40,000.00	\$40,000.00	HD CNG Vehicle, Expand CNG Station	\$0.00	Yes
ML12017	City of Los Angeles, Bureau of Sanit	6/26/2013	5/25/2020	11/25/2021	\$950,000.00	\$950,000.00	32 H.D. Nat. Gas Vehicles	\$0.00	Yes
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
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
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
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
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
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
MS12073	FirstCNG, LLC	7/27/2013	12/26/2019		\$150,000.00	\$150,000.00	Construct New CNG Station	\$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: 18

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	9/1/2020	\$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	9/1/2020	\$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	\$300,000.00	Construct New CNG Station in Malibu	\$0.00	No
ML14026	County of Los Angeles Dept of Publi	10/2/2015	5/1/2023	5/1/2024	\$300,000.00	\$300,000.00	Construct New CNG Station in Castaic	\$0.00	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	4/8/2020	\$425,000.00	\$25,000.00	Bicycle Racks, Outreach & Education	\$400,000.00	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 Pub	5/3/2019	12/2/2019	3/2/2020	\$150,000.00	\$0.00	San Gabriel BikeTrail Underpass Improveme	\$150,000.00	No
ML14097	County of Los Angeles Internal Servi	9/6/2019	9/5/2020		\$104,400.00	\$0.00	Electric Vehicle Charging Infrastructure	\$104,400.00	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: 21

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
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML14010	City of Cathedral City	8/13/2014	10/12/2015		\$25,000.00	\$25,000.00	Street Sweeping Operations	\$0.00	Yes
ML14011	City of Palm Springs	6/13/2014	1/12/2016		\$79,000.00	\$78,627.00	Bicycle Racks, Bicycle Outreach & Educatio	\$373.00	Yes
ML14014	City of Torrance	9/5/2014	12/4/2019		\$56,000.00	\$56,000.00	EV Charging Infrastructure	\$0.00	Yes
ML14015	Coachella Valley Association of Gov	6/6/2014	9/5/2015		\$250,000.00	\$250,000.00	Street Sweeping Operations	\$0.00	Yes
ML14020	County of Los Angeles Dept of Pub	8/13/2014	1/12/2018		\$150,000.00	\$0.00	San Gabriel BikeTrail Underpass Improveme	\$150,000.00	No
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: 32

Closed/Incomplete Contracts

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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML14093	County of Los Angeles Dept of Pub	8/14/2015	1/13/2019		\$150,000.00	\$0.00	San Gabriel BikeTrail Underpass Improve	\$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
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 Infrast., Bicycle L	\$9,639.37	Yes
ML14033	City of Irvine	7/11/2014	2/10/2021	2/10/2022	\$60,000.00	\$60,000.00	Purchase 2 H.D. CNG Vehicles	\$0.00	Yes
ML14034	City of Lake Elsinore	9/5/2014	5/4/2021		\$56,700.00	\$56,700.00	EV Charging Stations	\$0.00	Yes
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
ML14062	City of San Fernando	3/27/2015	5/26/2021	10/31/2023	\$325,679.00	\$325,679.00	Expand Existing CNG Fueling Station	\$0.00	Yes
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
ML14067	City of Duarte	12/4/2015	1/3/2023	6/3/2024	\$60,000.00	\$60,000.00	Purchase Two Electric Buses	\$0.00	Yes
MS14041	USA Waste of California, Inc.	9/4/2015	10/3/2021		\$175,000.00	\$175,000.00	Limited-Access CNG Station, Vehicle Maint.	\$0.00	Yes
MS14042	Grand Central Recycling & Transfer	6/6/2014	9/5/2021		\$150,000.00	\$150,000.00	Expansion of Existing CNG Station	\$0.00	Yes
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: 29

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
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
ML16017	City of Long Beach	2/5/2016	8/4/2023		\$1,445,400.00	\$1,131,400.00	Purchase 50 Medium-Duty, 17 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	3/24/2023		\$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	9/5/2023	\$32,000.00	\$0.00	Install EV Charging Infrastructure	\$32,000.00	No
ML16040	City of Eastvale	1/6/2017	7/5/2022	7/5/2024	\$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
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
ML16057	City of Yucaipa	4/27/2016	1/26/2019	1/26/2021	\$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	2/2/2023	\$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
ML16122	City of Wildomar	6/8/2018	6/7/2019		\$500,000.00	\$500,000.00	Install Bicycle Lanes	\$0.00	No
ML16126	City of Palm Springs	7/31/2019	7/30/2020		\$40,000.00	\$0.00	Install Bicycle Racks, and Implement Bicycle	\$40,000.00	No
MS16029	Orange County Transportation Autho	1/12/2018	6/11/2020		\$836,413.00	\$526,701.06	TCM Partnership Program - OC Bikeways	\$309,711.94	No
MS16030	Better World Group Advisors	12/19/2015	12/31/2017	12/31/2019	\$271,619.00	\$226,561.68	Programmic Outreach Services to the MSR	\$45,057.32	No
MS16086	San Bernardino County Transportatio	9/3/2016	10/2/2021		\$800,625.00	\$349,377.27	Freeway Service Patrols	\$451,247.73	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS16090	Los Angeles County MTA	10/27/2016	4/26/2020	10/26/2020	\$2,500,000.00	\$0.00	Expansion of the Willowbrook/Rosa Parks Tr	\$2,500,000.00	No
MS16094	Riverside County Transportation Co	1/25/2017	1/24/2022		\$1,909,241.00	\$0.00	MetroLink First Mile/Last Mile Mobility Strate	\$1,909,241.00	No
MS16096	San Bernardino County Transportatio	10/27/2016	12/26/2019	6/30/2020	\$450,000.00	\$0.00	EV Charging Infrastructure	\$450,000.00	No
MS16110	City of Riverside	10/6/2017	2/5/2025		\$300,000.00	\$71,250.00	Expansion of Existing CNG Station and Main	\$228,750.00	No
MS16115	City of Santa Monica	4/14/2017	7/13/2025		\$870,000.00	\$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	5/14/2020	\$253,239.00	\$178,716.15	Extended Freeway Service Patrols	\$74,522.85	No
MS16125	San Bernardino County Transportatio	9/20/2019	11/19/2020		\$1,000,000.00	\$0.00	Traffic Signal Synchronization Projects	\$1,000,000.00	No

Total: 47

Declined/Cancelled Contracts

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

Total: 13

Closed Contracts

ML16009	City of Fountain Valley	10/6/2015	2/5/2018	5/5/2019	\$46,100.00	\$46,100.00	Install EV Charging Infrastructure	\$0.00	Yes
ML16015	City of Yorba Linda	3/4/2016	11/3/2017		\$85,000.00	\$85,000.00	Install Bicycle Lanes	\$0.00	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	Yes
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
ML16045	City of Anaheim	6/22/2016	8/21/2019		\$275,000.00	\$255,595.08	Maintenance Facility Modifications	\$19,404.92	Yes
ML16049	City of Buena Park	4/1/2016	11/30/2018		\$429,262.00	\$429,262.00	Installation of a Class 1 Bikeway	\$0.00	Yes
ML16051	City of South Pasadena	2/12/2016	1/11/2017	12/11/2017	\$320,000.00	\$258,691.25	Implement "Open Streets" Event with Variou	\$61,308.75	Yes
ML16054	City of Yucaipa	3/26/2016	7/26/2018	10/25/2019	\$120,000.00	\$120,000.00	Implement a "Complete Streets" Pedestrian	\$0.00	Yes
ML16060	City of Cudahy	2/5/2016	10/4/2017		\$73,910.00	\$62,480.00	Implement an "Open Streets" Event	\$11,430.00	Yes
ML16064	County of Orange, OC Parks	2/21/2017	10/20/2018		\$204,073.00	\$157,632.73	Implement "Open Streets" Events with Vario	\$46,440.27	Yes
ML16066	City of Long Beach Public Works	1/13/2017	9/12/2018		\$75,050.00	\$63,763.62	Implement an "Open Streets" Event	\$11,286.38	Yes
ML16068	Riverside County Dept of Public Heal	12/2/2016	8/1/2018		\$171,648.00	\$171,648.00	Implement "Open Streets" Events with Vario	\$0.00	Yes
ML16073	City of Long Beach Public Works	1/13/2017	7/12/2017		\$50,000.00	\$50,000.00	Implement an "Open Streets" Event	\$0.00	Yes
ML16078	City of Moreno Valley	5/6/2016	11/5/2017	5/5/2018	\$32,800.00	\$31,604.72	Install Bicycle Infrastructure & Implement Bi	\$1,195.28	Yes
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	Yes
MS16093	Orange County Transportation Autho	9/3/2016	3/2/2018	9/2/2018	\$1,553,657.00	\$1,499,575.85	Implement a Mobile Ticketing System	\$54,081.15	Yes
MS16095	Orange County Transportation Autho	7/22/2016	5/31/2017		\$694,645.00	\$672,864.35	Implement Special Bus Service to Orange C	\$21,780.65	Yes
MS16099	Foothill Transit	3/3/2017	3/31/2017		\$50,000.00	\$50,000.00	Provide Special Bus Service to the Los Ange	\$0.00	Yes
MS16100	Southern California Regional Rail Au	5/5/2017	9/30/2017		\$80,455.00	\$66,169.43	Provide Metrolink Service to Autoclub Speed	\$14,285.57	Yes

Total: 31

Closed/Incomplete Contracts

ML16005	City of Palm Springs	3/4/2016	10/3/2017		\$40,000.00	\$0.00	Install Bicycle Racks, and Implement Bicycle	\$40,000.00	No
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

ML16011	City of Claremont	10/6/2015	6/5/2022		\$90,000.00	\$90,000.00	Purchase 3 Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML16012	City of Carson	1/15/2016	10/14/2022		\$60,000.00	\$60,000.00	Purchase 2 Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML16013	City of Monterey Park	12/4/2015	7/3/2022	7/3/2024	\$90,000.00	\$90,000.00	Purchase 3 Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML16016	City of Los Angeles, Department of	2/5/2016	12/4/2022		\$630,000.00	\$630,000.00	Purchase 21 Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML16021	City of Santa Clarita	10/7/2016	6/6/2024		\$49,400.00	\$49,399.00	Install EV Charging Infrastructure	\$1.00	Yes
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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	Yes
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	Yes
MS16102	Nasa Services, Inc.	2/21/2017	4/20/2023		\$100,000.00	\$100,000.00	Construct a Limited-Access CNG Station	\$0.00	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
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	\$1,875,000.00	Repower Up to 125 Transit Buses	\$0.00	Yes
MS16114	City of Norwalk	3/3/2017	6/2/2024		\$45,000.00	\$32,170.00	Purchase 3 Transit Buses	\$12,830.00	Yes
MS16116	Riverside Transit Agency	3/3/2017	1/2/2023		\$10,000.00	\$9,793.00	Purchase One Transit Bus	\$207.00	No

Total: 30

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
FY 2016-2018 Contracts									
Open Contracts									
ML18019	City of Hidden Hills	5/3/2018	5/2/2022	5/2/2023	\$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	\$35,667.00	Purchase One Medium-Duty and One Heavy	\$32,214.00	No
ML18022	City of Desert Hot Springs	5/3/2018	1/2/2020	1/2/2021	\$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
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	\$50,000.00	Install EVSE	\$0.00	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	\$71,659.27	Purchase 5 Light-Duty ZEVs and Install EVS	\$149,840.73	No
ML18039	City of Redlands	6/28/2018	7/27/2024	1/27/2025	\$87,000.00	\$0.00	Purchase 1 Medium/Heavy-Duty ZEV and In	\$87,000.00	No
ML18041	City of West Hollywood	8/8/2018	12/7/2023		\$50,000.00	\$0.00	Install EV Charging Infrastructure	\$50,000.00	No
ML18043	City of Yorba Linda	9/7/2018	12/6/2023		\$87,990.00	\$0.00	Install EV Charging Infrastructure	\$87,990.00	No
ML18044	City of Malibu	8/8/2018	10/7/2022	10/7/2023	\$50,000.00	\$0.00	Install EV Charging Infrastructure	\$50,000.00	No
ML18046	City of Santa Ana	11/9/2018	7/8/2026		\$385,000.00	\$0.00	Purchase 6 Light-Duty ZEVs, 9 Heavy-Duty	\$385,000.00	No
ML18047	City of Whittier	8/8/2018	4/7/2026		\$113,910.00	\$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 EV Charging Stations	\$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	\$198,581.82	Install EV Charging Stations	\$423,638.18	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	\$50,000.00	Purchase 5 Zero-Emission Vehicles and Infr	\$56,250.00	No
ML18058	City of Perris	10/12/2018	11/11/2024		\$94,624.00	\$0.00	Purchase 1 Med. H.D. ZEV and EV Chargin	\$94,624.00	No
ML18059	City of Glendale Water & Power	2/1/2019	7/31/2026		\$260,500.00	\$0.00	Install Electric Vehicle Charging Infrastructur	\$260,500.00	No
ML18060	County of Los Angeles Internal Servi	10/5/2018	8/4/2026		\$1,367,610.00	\$0.00	Purchase 29 Light-Duty Zero Emission Vehi	\$1,367,610.00	No
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML18067	City of Pico Rivera	9/7/2018	11/6/2022		\$83,500.00	\$0.00	Instal EVSE	\$83,500.00	No
ML18068	City of Mission Viejo	7/31/2019	6/30/2027		\$125,690.00	\$0.00	Purchase 2 Light-Duty ZEVs, Install EVSE &	\$125,690.00	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	\$6,250.00	Purchase 1 Light-Duty ZEV	\$0.00	No
ML18071	City of Chino Hills	9/7/2018	10/6/2022		\$30,000.00	\$20,822.96	Purchase 2 Light-Duty ZEVs and Install EVS	\$9,177.04	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	\$107,960.00	EV Charging Infrastructure	\$0.00	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	\$14,748.62	Install EV Charging Stations	\$106,751.38	No
ML18081	City of Beaumont	10/5/2018	10/4/2022	10/4/2023	\$31,870.00	\$0.00	EV Charging Infrastructure	\$31,870.00	No
ML18082	City of Los Angeles Bureau of Sanita	8/30/2019	8/29/2028		\$900,000.00	\$0.00	Purchase Medium-Duty Vehicles and EV Ch	\$900,000.00	No
ML18083	City of San Fernando	11/2/2018	11/1/2022		\$20,000.00	\$0.00	Implement Traffic Signal Synchronization	\$20,000.00	No
ML18084	City of South El Monte	10/18/2019	9/17/2023		\$30,000.00	\$0.00	EV Charging Infrastructure	\$30,000.00	No
ML18085	City of Orange	4/12/2019	10/11/2026		\$50,000.00	\$25,000.00	Purchase Two Heavy-Duty Near-Zero Emiss	\$25,000.00	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
ML18089	City of Glendora	7/19/2019	4/18/2025		\$50,760.00	\$0.00	Purchase a medium-duty ZEV	\$50,760.00	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	\$7,113.70	Purchase One Light-Duty ZEV & Install One	\$20,686.30	No
ML18128	City of Aliso Viejo	8/30/2019	11/29/2023		\$65,460.00	\$0.00	Purchase Two Light-Duty ZEVs and Install S	\$65,460.00	No
ML18129	City of Yucaipa	12/14/2018	3/13/2023		\$63,097.00	\$0.00	Install Six EV Charging Stations	\$63,097.00	No
ML18130	City of Lake Forest	3/1/2019	9/30/2022		\$106,480.00	\$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
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
ML18139	City of Calimesa	8/30/2019	7/29/2020		\$50,000.00	\$0.00	Install Bicycle Lane	\$50,000.00	No
ML18140	City of Bell Gardens	12/14/2018	12/13/2028		\$50,000.00	\$0.00	Purchase Two Heavy-Duty Near-ZEVs	\$50,000.00	No
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
ML18143	City of La Habra	10/18/2019	9/17/2025		\$80,700.00	\$0.00	Install Two EV Charging Stations	\$80,700.00	No
ML18144	City of Fontana Public Works	10/4/2019	12/3/2023		\$269,090.00	\$0.00	Install Twelve EVSEs	\$269,090.00	No
ML18146	City of South Gate	3/1/2019	11/30/2023		\$127,400.00	\$50,000.00	Purchase Five Light-Duty ZEVs and Install T	\$77,400.00	No
ML18147	City of Palm Springs	1/10/2019	1/9/2024		\$60,000.00	\$0.00	Install Eighteen EV Charging Stations	\$60,000.00	No
ML18153	City of Cathedral City	5/3/2019	4/2/2025		\$52,215.00	\$0.00	Install EV Charging Infrastructure	\$52,215.00	No
ML18154	City of Hemet	11/22/2019	9/1/2023		\$30,000.00	\$0.00	Purchase Two Light-Duty ZEV and EV Char	\$30,000.00	No
ML18155	City of Claremont	7/31/2019	9/30/2023		\$50,000.00	\$0.00	Install EV Charging Infrastructure	\$50,000.00	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
ML18159	City of Rialto	12/13/2019	5/12/2024		\$135,980.00	\$0.00	Purchase Nine Light-Duty ZEVs and EV Cha	\$135,980.00	No
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	\$10,000.00	Purchase 1 Light-Duty Zero Emission, 1 Hea	\$40,000.00	No
ML18163	City of San Clemente	3/8/2019	12/7/2024		\$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
ML18178	City of La Puente	11/1/2019	11/30/2025		\$25,000.00	\$0.00	Purchase One Heavy-Duty Near-Zero Emiss	\$25,000.00	No
MS18002	Southern California Association of G	6/9/2017	11/30/2018	10/31/2020	\$2,500,000.00	\$593,455.98	Regional Active Transportation Partnership	\$1,906,544.02	No
MS18003	Geographics	2/21/2017	2/20/2021		\$70,453.00	\$56,598.61	Design, Host and Maintain MSRC Website	\$13,854.39	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
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
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	3/4/2020	\$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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS18023	Riverside County Transportation Co	6/28/2018	6/27/2021		\$500,000.00	\$136,722.48	Weekend Freeway Service Patrols	\$363,277.52	No
MS18024	Riverside County Transportation Co	6/28/2018	8/27/2021		\$1,500,000.00	\$402,060.00	Vanpool Incentive Program	\$1,097,940.00	No
MS18025	Los Angeles County MTA	11/29/2018	5/31/2019		\$1,324,560.00	\$706,235.69	Special Bus and Train Service to Dodger Sta	\$618,324.31	No
MS18026	Omnitrans	10/5/2018	1/4/2020		\$83,000.00	\$0.00	Modify Vehicles Maintenance Facility and Tr	\$83,000.00	No
MS18027	City of Gardena	11/2/2018	9/1/2026		\$365,000.00	\$0.00	Install New Limited Access CNG, Modify Mai	\$365,000.00	No
MS18029	Irvine Ranch Water District	8/8/2018	10/7/2024		\$185,000.00	\$0.00	Install New Limited Access CNG Station & T	\$185,000.00	No
MS18065	San Bernardino County Transportatio	3/29/2019	8/28/2023		\$2,000,000.00	\$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
MS18102	Orange County Transportation Autho	10/4/2019	5/31/2020		\$1,146,000.00	\$0.00	Implement OC Flex Micro-Transit Pilot Proje	\$1,146,000.00	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
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	11/28/2025	\$275,000.00	\$0.00	Install New CNG Infrastructure	\$275,000.00	No
MS18114	Los Angeles County Department of P	11/15/2019	11/14/2026		\$175,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$175,000.00	No
MS18115	City of Commerce	6/7/2019	12/6/2025		\$275,000.00	\$0.00	Expansion of Existing L/CNG Infrastructure	\$275,000.00	No
MS18116	Los Angeles County Department of P	11/15/2019	11/14/2026		\$175,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$175,000.00	No
MS18117	City of San Bernardino	6/7/2019	11/6/2025		\$240,000.00	\$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	\$180,000.00	Install New Limited-Access CNG Infrastructu	\$20,000.00	No
MS18124	County Sanitation Districts of Los An	7/31/2019	2/28/2027		\$275,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$275,000.00	No
MS18125	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: 133

Pending Execution Contracts

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
ML18135	City of Azusa				\$55,000.00	\$0.00	Purchase Three Light-Duty ZEVs and One H	\$55,000.00	No
ML18141	City of Rolling Hills Estates				\$40,000.00	\$0.00	Purchase One Light-Duty ZEV and Install T	\$40,000.00	No
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
ML18152	County of San Bernardino Flood Con				\$108,990.00	\$0.00	Purchase Five Heavy-Duty Near Zero Emissi	\$108,990.00	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML18158	City of Inglewood				\$146,000.00	\$0.00	Purchase 4 Light-Duty Zero Emission, 4 Me	\$146,000.00	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
MS18066	El Dorado National				\$100,000.00	\$0.00	Install New Limited-Access CNG Station	\$100,000.00	No
MS18104	Orange County Transportation Autho				\$212,000.00	\$0.00	Implement College Pass Transit Fare Subsi	\$212,000.00	No
MS18121	City of Montebello				\$70,408.00	\$0.00	Expansion of Existing CNG Infrastructure	\$70,408.00	No

Total: 19

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
MS18107	Huntington Beach Union High School				\$225,000.00	\$0.00	Expansion of Existing Infrastructure	\$225,000.00	No
MS18109	City of South Gate				\$175,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$175,000.00	No
MS18111	Newport-Mesa Unified School 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: 9

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	Yes
MS18008	Foothill Transit	1/12/2018	3/31/2019		\$100,000.00	\$99,406.61	Special Transit Service to LA County Fair	\$593.39	Yes
MS18010	Southern California Regional Rail Au	12/28/2017	7/31/2019		\$351,186.00	\$275,490.61	Implement Special Metrolink Service to Unio	\$75,695.39	Yes
MS18011	Southern California Regional Rail 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	Yes
MS18105	Southern California Regional Rail Au	1/10/2019	6/30/2019		\$252,696.00	\$186,830.04	Special Train Service to the Festival of Light	\$65,865.96	Yes

Total: 7

Open/Complete Contracts

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
ML18033	City of Duarte	8/8/2018	2/7/2025		\$50,000.00	\$50,000.00	Purchase 1-HD ZEV	\$0.00	Yes
ML18040	City of Agoura Hills	7/13/2018	6/12/2022		\$17,914.00	\$17,914.00	Install EV Charging Infrastructure	\$0.00	Yes
ML18042	City of San Fernando	6/28/2018	2/27/2024		\$10,000.00	\$10,000.00	Purchase 1 Light-Duty ZEV	\$0.00	Yes
ML18045	City of Culver City Transportation De	6/28/2018	6/27/2025		\$51,000.00	\$51,000.00	Purchase Eight Near-Zero Vehicles	\$0.00	Yes
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML18076	City of Culver City Transportation De	10/5/2018	10/4/2023		\$1,130.00	\$1,130.00	Purchase Light-Duty ZEV	\$0.00	Yes
ML18077	City of Orange	11/2/2018	10/1/2022		\$59,776.00	\$59,776.00	Four Light-Duty ZEV and EV Charging Infr	\$0.00	Yes
ML18086	City of Los Angeles Bureau of Street	2/8/2019	4/7/2023		\$300,000.00	\$300,000.00	Install Sixty EV Charging Stations	\$0.00	Yes

Total: 9

2010-11 Subvention Fund Match Program Progress Reports

Cont#	Contractor	Start Date	Original	Amended	Reporting	Nov	Dec	Jan '20	Feb	Mar	Apr	May	Jun	Jul
			End Date	End Date										
Open Contracts														
ML11029	City of Santa Ana	09/07/12	03/06/20	03/06/23	Quarterly									
Total 1														

2011-12 Subvention Fund Match Program Progress Reports

Cont#	Contractor	Start Date	Original End Date	Amended End Date	Reporting	Nov	Dec	Jan '20	Feb	Mar	Apr	May	Jun	Jul
Open Contracts														
ML12014	City of Santa Ana	11/08/13	08/07/20		Quarterly									
ML12018	City of West Covina	10/18/13	10/17/20	08/17/23	Quarterly									
ML12043	City of Hemet	06/24/13	09/23/19	11/23/21	Quarterly									
ML12045	City of Baldwin Park DPW	02/14/14	12/13/20	06/13/25	Quarterly									
ML12057	City of Coachella	08/28/13	08/27/19	01/27/22	Quarterly									
ML12090	City of Palm Springs	10/09/15	10/08/21	09/08/25	Quarterly									
ML12091	City of Bellflower	10/05/18	10/04/19	06/30/20	Quarterly									
Total 7														

2012-14 Subvention Fund Match Program Progress Reports

Cont#	Contractor	Start Date	Original	Amended	Reporting	Nov	Dec	Jan'20	Feb	Mar	Apr	May	Jun	Jul
			End Date	End Date										
Open Contracts														
ML14012	City of Santa Ana	06/13/15	10/12/21		Quarterly									
ML14018	City of LA, General Services Dept	03/06/15	09/15/21		Quarterly									
ML14021	Riverside County Regional Park	07/24/14	12/23/16	09/30/20	Quarterly									
ML14023	County of LA Dept of Public Works	10/02/15	09/01/17	09/01/20	Quarterly									
ML14024	County of LA Dept of Public Works	10/02/15	09/01/17	09/01/20	Quarterly									
ML14025	County of LA Dept of Public Works	10/02/15	07/01/18	07/01/24	Quarterly									
ML14026	County of LA Dept of Public Works	10/02/15	05/01/23	05/01/24	Quarterly									
ML14027	County of LA Dept of Public Works	10/02/15	05/01/23	06/01/24	Quarterly									
ML14030	County of LA Internal Services	01/09/15	03/08/18	04/08/20	Quarterly									
ML14068	City of South Pasadena	09/12/14	10/11/15	01/11/20	Quarterly									
ML14069	City of Beaumont	03/03/17	03/02/25		Quarterly									
ML14072	City of Cathedral City	08/13/14	01/12/21	07/12/22	Quarterly		12/10/19							
ML14096	County of LA Dept of Public Works	05/03/19	12/02/19	03/02/20	Quarterly									
Total 13														

2012-14 AB2766 Contract Progress Reports

Cont#	Contractor	Start Date	Original	Amended	Reporting	Nov	Dec	Jan '20	Feb	Mar	Apr	May	Jun	Jul
			End Date	End Date										
Open Contracts														
MS14037	Penske Truck Leasing Co., L.P.	04/07/17	06/06/20		Quarterly									
MS14057	Los Angeles County MTA	11/07/14	10/06/19	10/06/20	Quarterly	11/08/19								
MS14059	Riverside County Transportation Commission	09/05/14	03/04/18	04/04/20	Quarterly									
MS14072	San Bernardino Associated Governments	03/27/15	03/26/18	03/26/20	Quarterly									
MS14076	Rialto Unified School District (rbv)	06/17/15	02/16/22	06/05/23	Quarterly	FR Rec'd								
MS14079	Waste Resources, Inc.	09/14/16	08/13/22	02/13/24	Quarterly									
MS14083	Hacienda La Puente Unified School District (rbv)	07/10/15	03/09/22		Quarterly									
Total: 7														

MS16115	City of Santa Monica	04/14/17	07/13/25		Quarterly									
MS16117	Omnitrans	05/21/17	06/20/23		Quarterly									
MS16118	Omnitrans	05/21/17	06/20/23		Quarterly									
MS16119	Omnitrans	05/21/17	08/20/22		Quarterly									
MS16120	Omnitrans	04/07/17	05/06/25		Quarterly									
MS16121	Long Beach Transit	11/03/17	04/02/24	11/30/26	Quarterly									
MS16123	Orange County Transportation Authority	12/07/18	11/06/23		Quarterly									
MS16124	Riverside County Transportation Commission	12/14/18	12/14/19	05/14/20	Quarterly									
MS16125	San Bernardino County Transportation Authority	09/20/19	11/19/20		Quarterly									

MS18102	Orange County Transportation Authority	10/04/19	05/31/20		Quarterly									
MS18103	Orange County Transportation Authority	02/08/19	09/07/20		Quarterly									
MS18106	R.F. Dickson Co.	07/19/19	01/18/26		Quarterly									
MS18108	Capistrano Unified School District	02/01/19	05/30/25		Quarterly									
MS18110	Mountain View Unified School District	02/01/19	03/31/25		Quarterly									
MS18112	Banning Unified School District	11/29/18	11/28/24	11/28/25	Quarterly									
MS18114	Los Angeles County Dept of Public Works	11/15/19	11/14/26		Quarterly									
MS18115	City of Commerce	06/07/19	12/06/25		Quarterly									
MS18116	Los Angeles County Dept of Public Works	11/15/19	11/14/26		Quarterly									
MS18117	City of San Bernardino	06/07/19	11/06/25		Quarterly									
MS18118	City of Beverly Hills	03/29/19	07/28/25		Quarterly									
MS18120	City of Redondo Beach	02/01/19	10/31/25		Quarterly									
MS18122	Universal Waste Systems Inc.	02/01/19	03/31/25		Quarterly									
MS18123	City Rent-A-Bin	12/14/18	02/13/25		Quarterly									
MS18124	County Sanitation Districts of LA County	07/31/19	02/28/27		Quarterly	11/19/19								
MS18125	US Gain	05/09/19	08/08/25		Quarterly		12/10/19							
MS18175	Regents of the University of California	06/07/19	12/06/26		Quarterly									

Total: 129

AGENDA ITEM #5

Contract Modification Request by
County of Los Angeles

MSRC-TAC Agenda Item No. 5

DATE: January 9, 2020

FROM: Cynthia Ravenstein, MSRC Contracts Administrator

SUBJECT: Two-Month Term Extension by County of Los Angeles, Department of Public Works, Contract #ML14030

SYNOPSIS: The County requests a two-month term extension due to delays associated the need to procure and install supplemental lighting at 47 of the bicycle rack sites, as part of the FYs 2012-14 Local Government Match Program.

FINANCIAL IMPACT: None

RECOMMENDATIONS: None

ATTACHMENTS: Contractor's letter requesting modification

DISCUSSION:

Contractor: County of Los Angeles, Department of Public Works

Project Title: Bicycle Racks, Outreach & Education

MSRC Funding: \$425,000

Project Term: January 9, 2015 to April 8, 2020

Current Request: 2-month term extension

Previous Requests: 8-month term extension; 4-month term extension; 15-month term extension

Project Description: The County was awarded \$425,000 under the MSRC's FYs 2014-16 Local Government Match Program to install at least 575 bicycle racks and signage. The County was also to install supplemental lighting as needed at some locations, as well as developing and implementing a bicycle outreach and education program. More than 500 racks have been installed and \$25,000 has been paid to date on this contract.

Previous Requests: The County indicated that they encountered unanticipated delays in the procurement process to secure the educational services and related promotional items. The issues were resolved and the County requested a 15-month contract term extension. At their December 17, 2015 meeting, the MSRC considered and approved the County's request.

Subsequently, the County indicated that the first bicycle racks they ordered were found to be composed of a grade of stainless steel which was not sufficient to withstand the environment. The specifications were revised for a higher and more appropriate grade, and the order was rebid, but installation was delayed. The County requested a 4-month contract term extension. At their February 21, 2019 meeting, the MSRC considered and approved the County's request.

On August 29, 2019, the County requested an extension until June 30, 2020 due to the need to pour concrete pads at the beach sites. The cost of this work exceeded limits for what could be performed by in-house staff, and it needed to be contracted out. Because the request was received too late to be placed on the September MSRC-TAC and MSRC agendas, and the contract would terminate on October 8, 2019, a three-month term extension was processed administratively in order to allow time for the MSRC to consider the remainder of the request. However, due to an oversight the item was not placed on the October or November MSRC agendas. An additional three-month term extension was processed administratively to allow time for the MSRC to consider the remainder of the request.

Contract Request: On December 16, 2019, the County submitted a letter indicating that they have now identified that 47 of the bike rack sites require the installation of supplemental lighting. The County requests an extension through June 8, 2020. This request supersedes the previous request, which had still been awaiting MSRC consideration. Given the previous administrative extensions, an additional two-month extension would fulfill the County's request.



SCOTT MINNIX
Director

County of Los Angeles
INTERNAL SERVICES DEPARTMENT

1100 North Eastern Avenue
Los Angeles, California 90063

Telephone: (323) 267-2101
FAX: (323) 264-7135

"To enrich lives through effective and caring service"

December 16, 2019

Ms. Cynthia Ravenstein
MSRC Contracts Administrator
21865 Copley Drive
Diamond Bar, CA 91765

Dear Ms. Ravenstein:

Subject: **EXTENSION FOR AWARD ML 14030**

The County of Los Angeles is requesting an extension through June 08, 2020 for Grant Award Number ML 14030. The County has installed more than 500 bicycle racks. The Department of Beaches and Harbors is installing 75 bike racks at their sites. The most recent delay is due to weather and the need pour concrete pads at the Beach sites. The County has identified 47 different bike rack sites that require supplemental lighting. The time extension would be to solicit and procure for the supplemental lighting. The County is currently preparing the billing for this contract.

The County is grateful to the MSRC for the match funding for these racks and looks forward to submitting its billing.

If you have any questions, I can be reached at (323) 490-9012.

Very truly yours,

Ana Rosales
Energy & Environmental Services
Planning & Administration Manager

AGENDA ITEM #6

Contract Modification Request by
City of Bellflower

MSRC-TAC Agenda Item No. 6

DATE: January 9, 2020

FROM: Cynthia Ravenstein, MSRC Contracts Administrator

SUBJECT: Modified Statement of Work by City of Bellflower, Contract #ML12091

SYNOPSIS: The City requests to increase the number of stations to be installed from five to eleven, and install all stations at the new City parking lot, with no change to the project cost, as part of the FY 2011-12 Local Government Match Program.

FINANCIAL IMPACT: None

RECOMMENDATIONS: None

ATTACHMENTS: Contractor's letter requesting modification

DISCUSSION:

Contractor: **City of Bellflower**

Project Title: Install EV Charging Stations

MSRC Funding: \$100,000

Project Term: October 5, 2018 to June 30, 2020

Current Request: Increase stations from five to eleven, and change location of some stations

Previous Requests: Substitute five Level II charging stations for two Level III charging stations and extend term to June 30, 2020. ML12091 is a replacement contract for ML12051. Under ML12051: scope and value reduction and one-year term extension; substitution of two fast chargers for eight Level II chargers, reduced contract value, and six-month extension

Project Description: The City was originally awarded \$270,000 under the MSRC's FY 2011-12 Local Government Match Program to install fifteen Level II electric vehicle charging stations; this was subsequently modified over the course of various actions to \$100,000 for the installation of five Level II stations. No work has been completed and nothing has been paid to date on this contract.

Previous Requests: The City indicated that transfer of the project between departments delayed progress, and they requested a one-year contract term extension. Additionally, the City requested to reduce the number of charging stations to be installed from 15 to 8, with a corresponding reduction in contract value from \$270,000 to \$170,000. The City also proposed to install the stations in a greater number of locations to heighten public awareness. The MSRC approved the entirety of the City's request. Later, the City indicated that they now believed fast chargers would be more popular, and experience a greater turnover, than the Level II charging stations specified by the contract. The City requested approval to substitute the installation of two fast chargers for the eight Level II chargers, coupled with a corresponding contract value reduction from \$170,000 to \$100,000, as well as a one-year term extension in order to complete the work. The MSRC approved the request, but the contract lapsed without the City returning the modification documents. The MSRC authorized a replacement contract.

Subsequently, the City indicated that the power supply at their new parking structure would not accommodate the specified Level III charging stations. The City requested to substitute the installation of five Level II charging stations for the two Level III stations, with no change to the contract value. Two of these stations would be installed at the parking structure, and three would be installed at a separate City parking lot. The City further requested that the contract term be extended to June 30, 2020. The MSRC considered and approved the City's request.

Contract Request: The City has determined that construction costs would be drastically reduced if all charging stations were to be installed at the new parking structure. This would avoid the need to cut into an existing parking lot. They request instead to increase the total number of Level II stations to be installed from five to eleven, with no change to the total project cost or to the MSRC's contribution.

The City of Bellflower

Families. Businesses. Futures.

16600 Civic Center Drive, Bellflower, CA 90706

Tel 562.804.1424 Fax 562.925.8660 www.bellflower.org



December 19, 2019

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

Re: Contract #ML12091 EV Charging Infrastructure

Dear Ms. Ravenstein:

Please accept this letter as the City of Bellflower's (City's) request to increase the total number of ChargePoint Level II EV charging stations from five (5) to eleven (11). The reason for this request is due to the fact that the City's new parking structure that is currently under construction has been equipped with electrical stub-outs for eleven (11) EV charging stations.

We are also requesting a modification to the scope to install all eleven (11) Level II EV charging stations at the new City parking lot and deleting the two (2) Level II EV charging stations planned for the City parking lot at assessor's parcel number 7109-010-903. The requested modifications would drastically reduce construction costs as we would no longer need to cut into an existing parking lot; while enabling the City to procure more EV charging stations to serve an even greater number of consumers. The total project cost would remain the same.

Should you have any questions regarding this request, please do not hesitate to contact me at 562-804-1424, extension 2233 or at biniguez@bellflower.org.

Sincerely,

A handwritten signature in blue ink, appearing to read "Bernardo Iniguez", is written over a light blue scribble.

Bernardo Iniguez
Public Works Manager

c: Len Gorecki, Assistant City Manager/Director of Public Works
Leah Alfaro, MSRC/AQMD

AGENDA ITEM #7

Contract Modification Request by
City of Covina

MSRC-TAC Agenda Item No. 7

DATE: January 9, 2020

FROM: Cynthia Ravenstein, MSRC Contracts Administrator

SUBJECT: Modified Statement of Work and Nine-Month Term Extension by City of Covina, Contract #ML18156

SYNOPSIS: The City requests to substitute one dual-port charging station for the two charging stations specified in the contract. The City also requests a nine-month contract term extension due to unforeseen delays in the delivery of the vehicles, as part of the FYs 2016-18 Local Government Partnership Program.

FINANCIAL IMPACT: None

RECOMMENDATIONS: None

ATTACHMENTS: Contractor's letter requesting modification

DISCUSSION:

Contractor: **City of Covina**

Project Title: Purchase Four Light-Duty Zero Emission Vehicles and Install EV Charging Infrastructure

MSRC Funding: \$63,800

Project Term: February 1, 2019 to March 31, 2023

Current Request: Substitute one dual-port station for two single-port stations and one-year term extension

Previous Requests: None

Project Description: The City was awarded \$63,800 to purchase four light-duty ZEVs and install two publicly accessible Level II charging stations. To date, the City has completed installation of a dual-port charging station and has purchased two of the vehicles. Nothing has been paid to date under this contract.

Contract Request: The City requests to substitute the installation of the dual-port station for the installation of two single-port charging stations. The station installed will serve the same number of vehicles.

The City also indicates that they encountered unforeseen delays in receiving the first two Nissan Leaf vehicles that they ordered. The City requests a nine-month term extension to allow sufficient time to receive the final two vehicles and to fulfill the three-year operational requirements.



December 3, 2019

Matt MacKenzie
MSRC Contract Administrator
South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765-418

Dear Mr. MacKenzie,

Thank you for your consideration of the City of Covina's request to extend the time frame under the Local Government Partnership Program grant that was approved to us in 2018. We are kindly and respectfully asking for the time frame to be extended to December 31, 2020. We have successfully installed the EV charging station; however there has been an unforeseen delay with Nissan on the first (2) two EV Leaf's we have ordered. We received the first vehicle after a 7 month wait and are still waiting on the second vehicle to arrive.

Extending the time will allow us to ensure the other (2) vehicles are in-service before the deadline of December 31, 2020. I hope that this request will please be granted so we can do our part in improving the air quality and reducing pollutions in our community.

Also, we kindly request that a slight modification be accepted and approved. We installed a dual port charging station in lieu of 2 separate charging stations.

If I can be of any further assistance or require any additional information, please contact me at (626) 384-5220.

Sincerely,

Steve Pivovaroff
Public Works Manager
spivovaroff@covinaca.gov

AGENDA ITEM #8

Contract Modification Request by
County of Los Angeles

MSRC-TAC Agenda Item No. 8

DATE: January 9, 2020

FROM: Cynthia Ravenstein, MSRC Contracts Administrator

SUBJECT: Eighteen-Month Term Extension by County of Los Angeles, Department of Public Works, Contract #ML14027

SYNOPSIS: The County requests an eighteen-month term extension due to equipment order and construction delays by the vendor, as part of the FYs 2012-14 Local Government Match Program.

FINANCIAL IMPACT: None

RECOMMENDATIONS: None

ATTACHMENTS: Contractor's letter requesting modification

DISCUSSION:

Contractor: County of Los Angeles, Department of Public Works

Project Title: Install CNG Stations in Canyon Country and La Puente

MSRC Funding: \$500,000

Project Term: October 2, 2015 to June 1, 2024

Current Request: 18-month term extension

Previous Requests: Substitute installations in Canyon Country and La Puente for Downey and 13-month term extension

Project Description: The County was originally awarded \$500,000 under the MSRC's FYs 2012-14 Local Government Match Program to install a CNG station in Downey, but this was subsequently changed to the installation of stations in Canyon Country and La Puente. Nothing has been paid to date on this contract.

Previous Requests: The County indicated that with the opening of Southern California Gas' CNG station in Pico Rivera, their need for a station in Downey was diminished. However, the County determined that stations in two other locations--Canyon Country and La Puente—would serve a greater percentage of their Public Works fleet than the Downey location. The County requested to substitute these station locations for the station in Downey. The location changes

delayed the project, so the County also requested a 13-month contract term extension. At their August 18, 2016 meeting, the MSRC considered and approved the County's request.

Contract Request: The County indicates that they have encountered equipment order and construction delays associated with their vendor. MSRC staff are attempting to obtain further detail about the current project status. The County requests an 18-month contract term extension.



MARK PESTRELLA, Director

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
<http://dpw.lacounty.gov>

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

October 31, 2019

IN REPLY PLEASE

REFER TO FILE: **FLT-0**

Ms. Cynthia Ravenstein
MSRC Contracts Administrator
South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765

Dear Ms. Ravenstein:

**MOBILE SOURCE AIR POLLUTION
REDUCTION REVIEW COMMITTEE
AB 2766 DISCRETIONARY FUND
LA PUENTE AND CANYON COUNTRY
INSTALLATION OF CNG STATION
CONTRACT NO. ML14027A**

Public Works is requesting to amend Contract No. ML14027A as follows:

Amend contract term by granting an extension of 18 months to meet the five-year operational requirement of the grant. This extension is requested due to equipment order and construction delays by vendor.

If you have any questions regarding this request, please contact Ms. Marwa Zughbi, Administrative Services Manager, at (626) 458-7328.

Very truly yours,

MARK PESTRELLA
Director of Public Works

for:
KEITH E. LEHTO
Assistant Deputy Director
Fleet Management Division

MZ

AGENDA ITEM #9

Contract Modification Request by
Los Angeles Metropolitan Transportation Authority (Metro)

MSRC-TAC Agenda Item No. 9

DATE: January 9, 2020

FROM: Cynthia Ravenstein, MSRC Contracts Administrator

SUBJECT: Three-Year Term Extension by Los Angeles County Metropolitan Transportation Authority (Metro), Contract #MS14057

SYNOPSIS: Metro requests a three-year term extension due delays associated with to contracting issues with the consultant for the San Gabriel Valley Corridor Project. Additionally, it became necessary for the individual cities to contribute a share of the project costs, requiring increased coordination which delayed design processes, as part of the FYs 2012-14 Signal Synchronization Partnership Program.

FINANCIAL IMPACT: None

RECOMMENDATIONS: None

ATTACHMENTS: Contractor's letter requesting modification

DISCUSSION:

Contractor: Los Angeles County Metropolitan Transportation Authority

Project Title: Implement Various Signal Synchronization Projects

MSRC Funding: \$1,250,000

Project Term: November 7, 2014 to October 6, 2020

Current Request: Three-year term extension

Previous Requests: One-year term extension

Project Description: Metro was awarded \$1,250,000 under the MSRC's FYs 2012-14 County Transportation Commission Signal Synchronization Partnership Program to implement the South Bay Corridor Project, the Gateway Cities Corridor Projects, and the San Gabriel Valley Corridor Project. Design for the projects is underway and nothing has been paid to date on this contract.

Previous Requests: Metro indicated that the San Gabriel Valley Corridor and Gateway Cities Corridors Projects experienced delays while processing the funding agreements with the

County. Additionally, there were scheduling conflicts with other projects for the South Bay Corridor Project. Metro requested a one-year extension. This modification was processed administratively.

Contract Request: Metro now indicates that contracting issues with the consultant for the San Gabriel Valley Corridor Project delayed the start date for its design. Additionally, subsequent to the original award, it became necessary for the individual cities in the project areas to contribute a share of the project costs. This in turn required increased coordination which has delayed the design processes. Construction of the South Bay Corridor project is now anticipated to be complete in December 2021, with the remaining projects complete in September 2023. Metro requests a three-year contract term extension.



Metro

December 20, 2019

Matt Mackenzie
MSRC/AB2766
21865 Copley Drive
Diamond Bar, CA 91765

Subject: Funding Extension Request MSRC Contract #MS14057

Dear Mr. Mackenzie:

This letter is to provide justification for the extension of funds for Contract #MS14057. The scope consists of three projects: South Bay Corridor Project, Gateway Cities Corridor Projects, and the San Gabriel Valley Corridor Project. Los Angeles County Metropolitan Transportation Authority (Metro) and Los Angeles County Public Works (LACPW) are partners to implement the said projects.

LACPW has started to require individual cities to contribute their corresponding local match for these projects. As a result, there have been increased interaction and approval from the cities for the design elements which has caused delays. Contracting issues with the consultant for the San Gabriel Valley Corridor Project also delayed its start date for design. Design for the South Bay Corridor Project will be completed by April 2020 and the close out of the construction contract by December 2021. Design for the Gateway Cities Corridor Projects is expected to be completed by December 2021 and the close out of the construction contract by September 2023. For the San Gabriel Valley Corridor Project, design is anticipated to complete by October 2021 and the close out of the construction contract by September 2023.

To implement the projects, we are requesting a three-year extension for a new lapse date of October 6, 2023.

Should you have any questions or concerns, please feel free to contact me at (213) 418-3285.

Sincerely,

Eva Pan Moon
Manager, Transportation Planning

Cc: Steven Gota
Vincent Lorenzo

AGENDA ITEM #10

Contract Modification Request by
City of Eastvale

MSRC-TAC Agenda Item No. 10

DATE: January 9, 2020

FROM: Cynthia Ravenstein, MSRC Contracts Administrator

SUBJECT: Substitute Twelve Level III Charging Stations for Twenty Level II Charging Stations by City of Eastvale, Contract #ML16040

SYNOPSIS: The City indicates that their residents have expressed a strong desire for Level III (fast charge) stations. The City requests to substitute the installation of twelve Level III stations for the twenty Level II stations specified in the contract, with no change to the contract value, as part of the FYs 2014-16 Local Government Match Program.

FINANCIAL IMPACT: None

RECOMMENDATIONS: None

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, 2024

Current Request: Substitute twelve Level III charging stations for twenty Level II charging stations

Previous Request: Increase stations from two limited access and four public access to twenty public access, change locations, and two-year term extension

Project Description: The City was originally awarded \$110,000 under the MSRC's FYs 2014-16 Local Government Match Program to install six Level II electric vehicle charging stations; this was subsequently modified to twenty stations. No work has been completed and nothing has been paid to date on this contract.

Previous Requests: As a result of lower than anticipated costs and proposed changes in the proposed locations, the City requested 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 requested a two-year term extension due to the location changes. At their August 15, 2019 meeting, the MSRC considered and approved the request.

Contract Request: The City indicates that their residents have expressed a strong desire for Level III (fast charge) stations, rather than the Level II stations specified in the contract. Additionally, of the tentative locations identified in the contract, two are developments which have only just broken ground, so that stations could not be installed for at least a year. The Eastvale Gateway Plaza, on the other hand, is an existing Lewis Retail Center. Lewis is ready to install stations now, and desires to install the best possible stations to avoid future costly upgrades. Therefore, the City requests to substitute the installation of twelve Level III charging stations for the twenty Level II stations specified.



December 19, 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 City of Eastvale (City) is truly grateful for the awarded grant funds from the South Coast Air Quality Management District (SCAQMD). We again thank you for the funding and want to share the City's excitement of soon having its first public charging stations. In the process of research and getting closer to getting the first charging stations, we have learned more about what our City needs. The residents' outcry to the City, about every two weeks, for the past year, has been specifically for fast charging stations. The City is requesting an amendment to the MSRC contract to allow the grant funds to be used for: twelve (12) Level III charging stations for the Eastvale Gateway Center. The Developer estimates material costs for the twelve (12) Level II charging stations be over \$384,000 alone, with the total project cost over \$600,000.

The original contract number ML16040 between the South Coast Air Quality Management District (SCAQMD) 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. In June 2019, the City requested to amend the contract in order to install the following EV charging stations:

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

*These locations are tentative.

Two of the Level II charging station locations listed above in our previous request as "tentative" are about one year out from any potential charging station installation as these projects have just recently broken ground. Eastvale Gateway Plaza is an existing Lewis Retail Center (Developer). The Developer has shared their intent to install charging stations into the Eastvale Gateway Plaza to fill an immediate need for the city. These



potential charging stations would be the first available to the general public within the City, in a commercial/retail center. The Developer has many shopping centers in Southern California and has heavily invested into the City with several existing shopping centers as well as the future Hamner Place development. It is important to the Developer, and the City, that the installed charging stations within the center(s) be the best and utilize technology that is forward thinking to avoid future costly upgrades. Eastvale Gateway Plaza is one of the Developer's top-producing shopping centers in the region and is located immediately off the I-15 corridor making it a convenient and quick stop for transient traffic needing a fast-charge.

The Developer has done extensive research and feels that Level III (20kw+ fast charging stations), would be most beneficial in their Eastvale Gateway Plaza because of their tenant mix and would also be in line with the ongoing requests the City receives from its residents. Level III charging stations could potentially allow access to more electric vehicles (potentially 2 cars for every 1) than the Level II charging stations could support.

The City is unique in many ways. Being only nine years young and 85% developed, City staff is working very close with its developers to make strategic decisions on its future and existing developments. The City's average household income is \$123,000, nearly double the household income average for the County of Riverside which it's a part. The Developer understands the City's demographics and their Eastvale Gateway customer's needs and have identified Level III charging stations as the best fit for its Plaza.

Parts of the Developer's future Hamner Place development are scheduled to open Fall/Winter 2020. The Developer has communicated their intent to install two to four Level II charging stations within this development. Hamner Place will also be the future home of the City's first hotel where Level II charging stations would be more beneficial for overnight guests with longer dwell times.

Please consider this letter as a formal request to amend the contract. Feel free to reach us with any questions or concerns.

Thank you,

Kimberly Wright
Economic Development Manager

AGENDA ITEM #11

Contract Modification Request by
County of Los Angeles

MSRC-TAC Agenda Item No. 11

DATE: January 9, 2020

FROM: Cynthia Ravenstein, MSRC Contracts Administrator

SUBJECT: Decreased Scope of Work and Value by County of Los Angeles, Contract #ML14096

SYNOPSIS: The County has determined that the tunnel lighting component of the project requires them to secure an Army Corps of Engineers permit for the installation of the solar panel poles on top of the San Gabriel River Levee. Due to the time necessary to obtain such a permit, and other alternatives investigated taking just as long or longer, the County requests to remove the tunnel lighting from the project and reduce the contract value by \$75,814, as part of the FYs 2012-14 Local Government Match Program.

FINANCIAL IMPACT: If the MSRC approves the County's request, \$75,814 would revert to the AB 2766 Discretionary Fund.

RECOMMENDATIONS: None

ATTACHMENTS: Contractor's letter requesting modification

DISCUSSION:

Contractor: County of Los Angeles, Department of Public Works

Project Title: San Gabriel Bike Trail Underpass Improvements

MSRC Funding: \$150,000

Project Term: May 3, 2019 to March 2, 2020

Current Request: Remove tasks and \$75,814 funding associated with lighting improvements

Previous Requests: Three-month term extension. ML14096 is a replacement contract for ML14093. Under ML14093: seven-month extension (requested, but not executed)

Project Description: The County was originally awarded \$150,000 under the MSRC's FYs 2012-14 Local Government Match Program to make the following improvements to the portion of the San Gabriel River Bike Trail where the Bikeway passes under the Interstate 10

freeway: a) re-grade and re-construct approximately 200 feet to improve drainage; b) install grated catch basins as needed; and c) install seven lights under freeway. Nothing has been paid to date on this contract.

Previous Requests: In December 2018, the County indicated that obtaining local agency encroachment permits had been taking longer than anticipated. There had also been unexpected design revisions requested by local agencies. Therefore, the County requested a seven-month contract term extension. The request was processed administratively, but the contract lapsed before the County returned the modification documents. The County then requested, and the MSRC authorized, a replacement contract.

In November 2019, the County indicated that pavement reconstruction and drainage work was expected to be complete at the end of the month. However, the County had by this time determined that the tunnel lighting component of the project required them to secure an Army Corps of Engineers permit for the installation of the solar panel poles on top of the San Gabriel River Levee. Due to the time necessary to obtain such a permit, and other alternatives investigated taking just as long or longer, the County requested to remove the tunnel lighting from the project. They further requested a three-month term extension to complete their final report and billing. Because the December MSRC-TAC and MSRC meetings were cancelled, the three-month extension was processed administratively in order to allow time for the MSRC to consider the remainder of the request. Additionally, MSRC staff informed the County that it would not be possible to remove the task without a corresponding reduction in contract value.

Contract Request: The County requests to eliminate the installation of lighting and to reduce the contract value by \$75,814.

AGENDA ITEM #12

**Contract Modification Request by
Better World Group Advisors (BWG)**

MSRC-TAC Agenda Item No. 12

- DATE:** January 9, 2020
- FROM:** Cynthia Ravenstein, MSRC Contracts Administrator
- SUBJECT:** Consider \$15,079 Contract Value Increase by Better World Group Advisors (BWG), Contract #MS21002 (\$250,000 – Programmatic Outreach Services to the MSRC)
- DISCUSSION:** At their June 20, 2019 meeting, the MSRC approved a proposal from BWG to perform additional research and outreach in support of development of the FYs 2018-21 Work Program. The MSRC authorized the work at a cost not to exceed \$25,165, to be met through a combination of reallocation from other tasks under BWG’s Contract #MS16030 and the allocation of an additional \$15,000. Following modification of the contract, Task Order #4 was issued in the amount of \$25,165 to authorize the work. In coordination with MSRC staff, BWG has proceeded to participate in meetings and workshops, reach out to potential project partners, and investigate collaborative opportunities. Given staff direction and the potential project partners’ schedules, BWG’s work has not proceeded as rapidly as originally anticipated. Contract #MS16030 expired on December 31, 2019. BWG requests that Contract #MS21002 be increased by \$15,079, the unexpended balance of Task Order #4, so that they can complete this work.
- RECOMMENDATION:** None
- WORK PROGRAM IMPACT:** BWG’s request would utilize \$15,079 in unexpended funds from their previous contract, to complete work which the MSRC had previously approved. If the MSRC did not approve BWG’s request, this \$15,079 would revert to the AB 2766 Discretionary Fund.



betterworldgroup.com

Los Angeles
448 S. Hill Street, Suite 1112
Los Angeles, CA 90013

ph 818.563.9111

Sacramento
980 9th Street, 16th Floor
Sacramento, CA 95814

ph 916.498.9411

December 20, 2019

Cynthia Ravenstein
Contracts Administrator
Mobile Source Air Pollution Reduction Review Committee
21865 Copley Drive
Diamond Bar, CA 91765

**Re: Request to move forward the residual balance for Task Order #4 for
*Goods Movement Opportunities Assessment, Phase II***

Dear Cynthia:

Better World Group Advisors (BWG) is submitting this request to move the residual balance forward of **\$15,078.75** from Task Order #4 *Goods Movement Opportunities Assessment, Phase II* under contract #MS16030 to our new contract #MS21002, which begins on January 1, 2020.

Please note that although we have not yet billed our hours for October through December 2019, this amount is the anticipated remaining balance of the task order.

BWG is submitting this request in order to continue and successfully complete the work we have undertaken under this task order.

Please let us know if you need any additional information. We look forward to continuing to work with the MSRC on this project in the New Year.

Sincerely,

A handwritten signature in black ink that reads "Sam Emmersen".

Sam Emmersen
Vice President, Programs

AGENDA ITEM #15

2020 Clean Fuels/Clean Technologies
Conference Calendar

Clean Fuels and Clean Technologies Conference Calendar for 2020

January 2020

- Jan 12-16 2020 Transportation Research Board (TRB) 99th Annual Meeting, Washington, D.C., Website: <http://www.trb.org/AnnualMeeting/AnnualMeeting.aspx>
- Jan 22-23 Renewable Gas 360 (Formerly Rethink Methane) Sacramento, CA., Website: <https://www.renewablegas360.com/>
- Jan 28-30 2020 Hybrid and Electric Vehicle Technologies Symposium, Pasadena, CA. Website: <https://www.sae.org/attend/hybrid>

February 2020

- Feb 26-27 Hydrogen + Fuel Cell International Forum 2020, San Diego, CA., Website:**
<https://www.petrolplaza.com/events/23107>

March 2020

- Mar 3-6 20th Anniversary Work Truck Show, Indianapolis, IN. Website: <http://www.worktruckshow.com/>
- Mar 3 Green Truck Summit, Indianapolis, IN. Website:**
<http://www.worktruckshow.com/greentrucksummit>
- Mar 3-4 ACORE Policy Forum & Awards Gala, Washington D.C., Website:**
<https://acorepolicyforum.org/>
- Mar 4-6 Climate Leadership Conference, Detroit MI. Website: <https://www.climateleadershipconference.org/>
- Mar 15-18 30th CRC Real World Emissions Workshop, San Diego, CA., Website: <https://crcao.org/30th-crc-real-world-emissions-workshop/>
- Mar 19-20 California 2030 Summit (Calstart), Sacramento, CA., Website:**
<https://calstart.org/event/california-2030-summit/>
- Mar 30-Apr 2 International Battery Seminar & Exhibit, Orlando, FL., Website:**
<https://www.internationalbatteryseminar.com/>
- Mar 30-Apr 1 North American Carbon World Summit, San Francisco, CA., Website:**
<https://www.nacwconference.com/>

April 2020

- Apr 6-9 Electrification 2020, International Conference Enabling Efficient & Sustainable Solutions, Charlotte, NC, Website: <https://www.electrification2020.com/>
- Apr 8-10 30th Annual Energy Storage Annual Conference & Expo., Pittsburgh, PA., Website:**
<https://esacon.org/>

- Apr 13- 15 **Green Transportation Summit & Expo, Tacoma WA., Website:**
http://www.gtsummitexpo.socialenterprises.net/event_details/
- Apr 21-23 **WCX 2020 SAE World Congress-Forge the Future of Mobility, Detroit, MI. Website:**
https://www.sae.org/attend/wcx/?utm_medium=cpc&utm_source=adwords&utm_campaign=SAEWCX20&utm_content=automotive_conference&gclid=EAlaQobChMIvcz0gKic5gIVErVsCh2mdgp1EAAYASAAEqJpPPD_BwE

May 2020

- May 6-7 **Battery Congress-Emissions-Global Automotive Management Council, Troy, MI. Website:**
<https://gamcinc.com/conferences/battery-congress/>
- May 11-13 **ACT (Advanced Clean Transportation) Conference and Expo, Long Beach, CA. Website:**
<https://www.actexpo.com/>
- May 11-14 **CTI Symposium USA – Automotive Drivetrains/Intelligent/Electrified, Novi, MI. Website:**
<https://drivetrain-symposium.world/us/expo/>
- May 12-15 **2nd Annual Air Sensors International Conference, Pasadena. Website:**
<https://asic.agrc.ucdavis.edu/>
- May 18-20 **CARTEEH 2nd Transportation, Air Quality, and Health Symposium, Riverside, CA., Website: carteeh.org**
- May 18-22 **2020 AGA Operations Conference, Chicago, IL., Website:**
<https://www.aga.org/events-community/events/2020-aga-operations-conference--spring-committee-meetings/>

June 2020

- June 5 **California Air Quality Awards, Los Angeles, CA., Website:**
<https://www.ccair.org/events/california-air-quality-awards/>
- June 8-11 **Advanced Automotive Battery Conference, San Francisco, CA., Website:**
<https://www.advancedautobat.com/us>
- June 13-20 **North American International Auto Show (Calstart), Detroit, MI., Website:**
<https://calstart.org/event/north-american-international-auto-show/>
- June 14-17 **33rd International Electric Vehicle Symposium & Exhibition, Portland, OR., Website:**
<https://www.globenewswire.com/news-release/2018/06/20/1527426/0/en/EDTA-to-Convene-in-Portland-for-33rd-International-Electric-Vehicle-Symposium-and-Exposition.html>

September 2020

- Sept 14-17 **Hydrogen + Fuel Cells International, Anaheim, CA., Website:**
<https://10times.com/hydrogen-fuel-cells-international>
- Sept 15-17 **Electric & Hybrid Vehicle Technology Expo, Novi, MI., Website:**
<https://evtechexpo.com/>

October 2020

- Oct 7 **California Clean Air Day, Website: <https://cleanairday.org/>**
- Oct 28-29 **American Assoc. of Port Authorities – Energy & Environment, New Orleans, LA.,
Website: https://my.aapa-ports.org/Public/Events/Event_Display.aspx?EventKey=20ENERGY**
- Oct 29-30 **International Conference on Hydrogen Fuel Cell, Los Angeles, CA., Website:
<https://www.conferenceindex.org/event/international-conference-on-hydrogen-and-fuel-cell-technology-ichfct-2020-october-los-angeles-us>**

December 2020

- Dec 6-9 **Behavior, Energy & Climate Change 2020 Conference, Washington D.C. Website:
<https://becccconference.org/>**

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

Last updated 12/4/19 (**Items in bold were recently added**).