



**MOBILE SOURCE AIR POLLUTION REDUCTION REVIEW COMMITTEE
MSRC AGENDA
Thursday, June 21, 2018 at 2:00 p.m.**

LOCATION

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

TELECONFERENCE LOCATION

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

MSRC Committee Members

MSRC Chair

Larry McCallon
Member, SBCTA Board of Directors
Representing San Bernardino County
Transportation Authority

Greg Pettis
Commissioner, RCTC
Representing Riverside County Transportation
Commission
Alternate: Brian Berkson, Commissioner, RCTC

MSRC Vice-Chair

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

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

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

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

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

Michele Martinez
Member, SCAG Regional Council
Representing Southern California Association of
Governments
Alternate: Rex Richardson, SCAG Reg. Council

CALL TO ORDER

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

STATUS REPORT

Clean Transportation Policy Update York
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 8)

Receive and Approve

- 1. Minutes of the May 17, 2018 MSRC Meeting Cedillo
p. 1

- 2. Summary of Final Reports by MSRC Contractors Gorski
p. 12
 - Bonita Unified School District MS12008 (\$175,000 - Construct New Limited-Access CNG Station)
 - Brea Olinda Unified School District MS12083 (\$59,454 - Install New CNG Infrastructure)
 - Los Angeles County MTA MS14001 (\$1,216,637 - Clean Fuel Transit Service to Dodger Stadium)
 - Arrow Services, Inc. MS16103 (\$100,000 - Construct a Limited-Access CNG Station)
 - City of Norwalk MS16114 (\$45,000 - Repower 3 Transit Buses)

Information Only - Receive and File

- 3. MSRC Contracts Administrator’s Report Ravenstein
p. 29

This report covers key issues addressed by MSRC staff, status of open contracts, and administrative scope changes from April 26 through May 30, 2018.

- 4. Financial Report on AB 2766 Discretionary Fund Kampa
p. 61

Financial Report for May 2018.

For Approval – As Recommended

5. Consider One-Year Term Extension by City of San Dimas, Contract #ML16042 (\$55,000 – Install EV Charging Infrastructure) Ravenstein
p. 62

The City of San Dimas requests a one-year contract term extension due to the unanticipated need to install separate meters. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL**

6. Consider Modified Scope of Work by City of Eastvale, Contract #ML18064 (proposed) (\$80,400 – Purchase Two Medium-Duty Zero Emission Vehicles and Install EV Charging Stations) Ravenstein
p. 67

The City of Eastvale requests to procure two light-duty and one medium-duty zero emission vehicles, instead of the two medium-duty zero emission vehicles originally proposed, with no change to the EV charging stations project element or to the total award amount. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL**

7. Consider Modified Project Description and One-Year Term Extension by Riverside County Transportation Commission, Contract #MS16082 (\$590,759 – Extended Freeway Service Patrol (FSP) Service) Ravenstein
p. 70

State Route 91 project schedule changes resulted in a much later start for the “Extended Service Period” FSP funded by the MSRC. The Riverside County Transportation Commission (RCTC) requests a no-cost, 12-month extension for Contract MS16082, as well as a modification to the scope to allow for reimbursement of extended FSP services beyond the construction period which concluded in March 2018. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL**

8. Consider Contract Replacement by City of Bellflower, Contract #ML12051 (\$100,000 – Install EV Charging Infrastructure) Ravenstein
p. 73

Due to the expiration of the City of Bellflower’s prior contract, the city requests a contract replacement to complete the scope of work for the contract. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL**

ACTION CALENDAR (Items 9 and 10)

FYs 2016-18 WORK PROGRAM

- 9. Consider Modified/Corrected Awards to Cities of Santa Ana, Perris and Mission Viejo under the Local Government Partnership Program Patchan
p. 76

As an element of their FYs 2016-18 Work Program, the MSRC previously awarded funding to the Cities of Santa Ana, Perris and Mission Viejo as part of the Local Government Partnership Program. Elements of these applications have subsequently been identified which could entitle these cities to higher awards. This action would increase the awards by a total of \$38,450 as follows: Santa Ana from \$365,000 to \$385,000; Perris from \$86,174 to \$94,624; and Mission Viejo from \$115,690 to \$125,690. All awards would remain at or below the amounts originally reserved for these cities. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL OF THREE CORRECTED AWARDS AS DESCRIBED IN THE ATTACHED STAFF REPORT**

- 10. Consider Funding for Applications Received under the Local Government Partnership Program Patchan
p. 78

As an element of their FYs 2016-18 Work Program, the MSRC allocated \$21,180,650 for a funding partnership with cities and counties to jumpstart implementation of the SCAQMD's 2016 Air Quality Management Plan. A Program Opportunity Notice was released on September 1, 2017. Per the Program Opportunity Notice, each city and county within SCAQMD that participates in the AB 2766 Subvention Fund Program has a funding allocation reserved for its use. The primary eligible project categories focus upon zero- and near-zero-emission vehicles and their supporting infrastructure, with a few additional categories open to the smallest jurisdictions. The MSRC has previously funded applications totaling \$6,552,616. Nine additional applications, requesting a total of \$1,855,906, from the Cities of Buena Park, Orange (two applications), Culver City, Pasadena, Santa Monica, Beaumont, and Los Angeles, as well as the County of Riverside, are being brought forward for consideration. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL OF NINE AWARDS AS DESCRIBED IN THE ATTACHED STAFF REPORT**

OTHER BUSINESS

- 11. **Any member of the committee, on his or her own initiative or in response to questions posed by the public, may ask a question for clarification, may make a brief announcement or report on his or her own activities, provide a reference to staff regarding factual information, request staff to report back at a subsequent meeting concerning any matter, or may take action to direct staff to place a matter of business on a future agenda. (Govt. Code Section 54954.2)* McCallon
p. 80

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

Members of the public may address this body concerning any agenda item before or during consideration of that item (Govt. Code Section 54954.3(a)). All agendas for regular meetings are posted at District Headquarters, 21865 Copley Drive, Diamond Bar, California, and at any offsite teleconference location at least 72 hours in advance of a regular meeting. At the end of the regular meeting agenda, an opportunity is also provided for the public to speak on any subject within the MSRC's authority. Speakers may be limited to three (3) minutes each.

ADJOURNMENT

NEXT MEETING: Date: July 19, 2018, 2:00 p.m., Room CC8

Americans with Disabilities Act

The agenda and documents in the agenda packet will be made available, upon request, in appropriate alternative formats to assist persons with a disability (Govt. Code Section 54954.2(a)). Disability-related accommodations will also be made available to allow participation in the MSRC meeting. Any accommodations must be requested as soon as practicable. Requests will be accommodated to the extent feasible. Please contact Penny Shaw Cedillo at (909) 396-3179 from 7:00 a.m. to 5:30 p.m., Tuesday through Friday, or send the request to pcedillo@aqmd.gov.

Pursuant to SB 343

All documents (i) constituting non-exempt public records, (ii) relating to an item on an agenda for a regular meeting, and (iii) having been distributed to at least a majority of the Committee after the Agenda is posted, are available prior to the meeting for public review at the South Coast Air Quality Management District, Public Information Center, 21865 Copley Drive, Diamond Bar, CA 91765.

Contacts: Cynthia Ravenstein, MSRC Contracts Administrator - (909) 396-3269
Ray Gorski, MSRC Technical Advisor – (909) 396-2479
Penny Shaw Cedillo, MSRC Administrative Liaison – (909) 396-3179

***** Visit Our Website At: www.cleantransportationfunding.org *****

AGENDA ITEM #1

Minutes of the May 17, 2018
MSRC Meeting



MOBILE SOURCE AIR POLLUTION REDUCTION REVIEW COMMITTEE
THURSDAY, MAY 17, 2018 MEETING MINUTES
21865 Copley Drive, Diamond, Bar, CA 91765 - Conference Room CC-8

MEMBERS PRESENT:

(Vice-Chair) Larry McCallon, representing SBCTA
Ben Benoit, representing SCAQMD
Brian Berkson (Alt.), representing RCTC
Michael Carter (Alt.), representing California Air Resources Board
Michele Martinez, representing SCAG
Dolores Roybal Saltarelli (Alt.), representing Regional Rideshare Agency (via v/c)
Greg Winterbottom, representing OCTA
Mark Yamarone (Alt.), representing Los Angeles County MTA (via v/c)

MEMBERS ABSENT:

(Chair) Greg Pettis, representing RCTC
Jack Kitowski, representing California Air Resources Board
Steve Veres, representing LA County MTA

MSRC-TAC MEMBERS PRESENT:

Rongsheng Luo, representing SCAG
Kelly Lynn, representing SBCTA
Vicki White, representing SCAQMD

OTHERS PRESENT:

Leo Jones, CNG Transition
Sean Skidmore, LA County of Dept. of Public Works
Ric Teano, OCTA

SCAQMD STAFF & CONTRACTORS

Leah Alfaro, MSRC Contracts Assistant
Penny Shaw Cedillo, MSRC Administrative Liaison
Ray Gorski, MSRC Technical Advisor-Contractor
John Kampa, Financial Analyst
Megan Lorenz, Principal Deputy District Counsel
Matt Mackenzie, MSRC Contracts Assistant
Fred Minassian, Asst. Deputy Executive Officer
Cynthia Ravenstein, MSRC Contracts Administrator
Paul Wright, Information Technology Specialist

CALL TO ORDER

- Call to Order

MSRC Vice-Chair Larry McCallon called to order at 2:00 p.m.

Roll call was taken at the start of the meeting. The following members and alternates were present: BEN BENOIT, MICHAEL CARTER, MICHELE MARTINEZ, LARRY MCCALLON, DOLORES ROYBAL SALTARELLI, GREG WINTERBOTTOM, MARK YAMARONE.

- Opening Comments

There were no opening comments.

- Election of MSRC Chair and Vice-Chair

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

A motion from MSRC Member Michele Martinez and seconded by MSRC Member Greg Winterbottom nominated MSRC Vice-Chair Larry McCallon to serve as Chair.

No further nominations were offered, so nominations were closed.

THE MSRC UNANIMOUSLY VOTED TO APPROVE THE ABOVE NOMINATION. AYES: BENOIT, CARTER, MARTINEZ, MCCALLON, ROYBAL SALTARELLI, WINTERBOTTOM, YAMARONE.
NOES: NONE.

A motion from MSRC Member Ben Benoit and seconded by MSRC Member Michele Martinez nominated MSRC Member Greg Winterbottom to serve as Vice-Chair.

No further nominations were offered, so nominations were closed.

THE MSRC UNANIMOUSLY VOTED TO APPROVE THE ABOVE NOMINATION. AYES: BENOIT, CARTER, MARTINEZ, MCCALLON, ROYBAL SALTARELLI, WINTERBOTTOM, YAMARONE.
NOES: NONE.

- STATUS REPORT

Copies of the Clean Transportation Policy Update were distributed at the meeting.

CONSENT CALENDAR (Items 1 through 8)

MSRC Alternate Dolores Roybal Saltarelli stated that she does not have any financial interest in items #8 and #11, but disclosed for the record that she is employed by L.A. County Metropolitan Transportation Authority, which is involved both of these items.

MSRC Alternate Mark Yamarone stated that he does not have any financial interest in items #8 and #11, but disclosed for the record that he is employed by L.A. County Metropolitan Transportation Authority, which is involved in both of these items.

Receive and Approve Item**Agenda Item #1 – Minutes for the March 15 and April 19, 2018 MSRC Meetings**

The minutes of the March 15 and April 19, 2018 MSRC meetings were distributed at the meeting.

ON MOTION BY MSRC MEMBER BEN BENOIT, AND SECONDED BY MSRC VICE-CHAIR GREG WINTERBOTTOM, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #1 THROUGH #8, THE MSRC UNANIMOUSLY APPROVED THE MARCH 15 AND APRIL 19, 2018 MSRC MEETING MINUTES.

AYES: BENOIT, CARTER, MARTINEZ, MCCALLON, ROYBAL SALTARELLI, WINTERBOTTOM, YAMARONE.

NOES: NONE.

ACTION: Staff will include the March 15 and April 19, 2018 MSRC meeting minutes in the MSRC Committee Report for the June 1, 2018 SCAQMD Board meeting, and will place copies on the MSRC's website.

Information Only - Receive and File**Agenda Item #2 – MSRC Contracts Administrator's Report**

The MSRC AB 2766 Contracts Administrator's Report for March 29 through April 25, 2018 was included in the agenda package.

ON MOTION BY MSRC MEMBER MICHELE MARTINEZ, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #2 THROUGH #8, THE MSRC UNANIMOUSLY VOTED TO RECEIVE AND FILE THE CONTRACTS ADMINISTRATOR'S REPORT FOR MARCH 29 THROUGH APRIL 25, 2018.

AYES: BENOIT, CARTER, MARTINEZ, MCCALLON, ROYBAL SALTARELLI, WINTERBOTTOM, YAMARONE.

NOES: NONE.

ACTION: Staff will include the MSRC Contracts Administrator's Report in the MSRC Committee Report for the July 6, 2018 SCAQMD Board meeting.

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

A financial report on the AB 2766 Discretionary Fund for April 2018 was included in the agenda package.

ON MOTION BY MSRC MEMBER MICHELE MARTINEZ, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #2 THROUGH #8, THE MSRC UNANIMOUSLY VOTED TO RECEIVE AND FILE THE FINANCIAL REPORT FOR THE PERIOD ENDING APRIL 2018.

AYES: BENOIT, CARTER, MARTINEZ, MCCALLON, ROYBAL SALTARELLI, WINTERBOTTOM, YAMARONE.

NOES: NONE.

ACTION: No further action is required.

For Approval – As Recommended

Agenda Item #4 – Consider 22-Month Term Extension for the City of Claremont, Contract #ML16053 (\$498,750 – Implement “Complete Streets” Project)

The City of Claremont requests a 22-month term extension due to a longer than anticipated design process to address unanticipated community and regulatory feedback. The MSRC-TAC unanimously recommends approval.

ON MOTION BY MSRC MEMBER MICHELE MARTINEZ, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #2 THROUGH #8, MSRC UNANIMOUSLY VOTED TO APPROVE THE 22-MONTH TERM EXTENSION FOR THE CITY OF CLAREMONT, CONTRACT #ML16053.

AYES: BENOIT, CARTER, MARTINEZ, MCCALLON, ROYBAL SALTARELLI, WINTERBOTTOM, YAMARONE.

NOES: NONE.

ACTION: MSRC Staff will amend the above contract accordingly.

Agenda Item #5 – Consider One-Year Term Extension for the County of Los Angeles, Department of Public Works, Contract #ML14023 (\$230,000 – Upgrade Westchester Maintenance Facility)

The County of Los Angeles, Department of Public Works requests a one-year term extension due to unanticipated delays in obtaining Building Department approval of the HVAC design. The MSRC-TAC unanimously recommends approval.

ON MOTION BY MSRC MEMBER MICHELE MARTINEZ, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #2 THROUGH #8, MSRC UNANIMOUSLY VOTED TO APPROVE THE ONE-YEAR TERM EXTENSION FOR THE COUNTY OF LOS ANGELES, DEPARTMENT OF PUBLIC WORKS, CONTRACT #ML14023.

AYES: BENOIT, CARTER, MARTINEZ, MCCALLON, ROYBAL SALTARELLI, WINTERBOTTOM, YAMARONE.

NOES: NONE.

ACTION: MSRC Staff will amend the above contract accordingly.

Agenda Item #6 – Consider One-Year Term Extension for the County of Los Angeles, Department of Public Works, Contract #ML14024 (\$230,000 – Upgrade Baldwin Park Maintenance Facility)

The County of Los Angeles, Department of Public Works requests a one-year term extension due to unanticipated delays in obtaining Building Department approval of the HVAC design. The MSRC-TAC unanimously recommends approval.

ON MOTION BY MSRC MEMBER MICHELE MARTINEZ, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #2 THROUGH #8, MSRC UNANIMOUSLY VOTED TO APPROVE THE ONE-YEAR TERM EXTENSION FOR THE COUNTY OF LOS ANGELES, DEPARTMENT OF PUBLIC WORKS. CONTRACT #ML14024.

AYES: BENOIT, CARTER, MARTINEZ, MCCALLON, ROYBAL SALTARELLI, WINTERBOTTOM, YAMARONE.

NOES: NONE.

ACTION: MSRC Staff will amend the above contract accordingly.

Agenda Item #7 – Consider One-Year Term Extension for the County of Los Angeles, Department of Public Works, Contract #ML14025 (\$300,000 – Install CNG Station in Malibu)

The County of Los Angeles, Department of Public Works requests a one-year term extension due to longer than expected time needed for the Gas Company to connect the station to the meter. The MSRC-TAC unanimously recommends approval.

ON MOTION BY MSRC MEMBER MICHELE MARTINEZ, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #2 THROUGH #8, MSRC UNANIMOUSLY VOTED TO APPROVE THE ONE-YEAR TERM EXTENSION FOR THE COUNTY OF LOS ANGELES, DEPARTMENT OF PUBLIC WORKS, CONTRACT #ML14025.

AYES: BENOIT, CARTER, MARTINEZ, MCCALLON, ROYBAL SALTARELLI, WINTERBOTTOM, YAMARONE.

NOES: NONE.

ACTION: MSRC Staff will amend the above contract accordingly.

Agenda Item #8 – Consider Modified Project Description for the Los Angeles County Metropolitan Transportation Authority (Metro), Contract #MS18025 (proposed) (\$1,324,560 – Provide Special Bus and Train Service to Dodger Stadium)

Metro requests to modify the train service to be provided in support of “cross-town rivalry” games with the Los Angeles Angels of Anaheim. Because the games fall Friday through Sunday, Metro proposes the use of regular Metrolink service, rather than special service, for inbound riders on Friday, July 13. Metro further proposes that the special inbound service on July 14 and 15 will originate from Laguna Niguel rather than Oceanside. There are no changes proposed to the outbound service for any of the games. The MSRC-TAC unanimously recommends approval.

ON MOTION BY MSRC MEMBER MICHELE MARTINEZ, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #2 THROUGH #8, MSRC UNANIMOUSLY VOTED TO APPROVE THE MODIFIED PROJECT DESCRIPTION FOR THE LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY, (PROPOSED) CONTRACT #MS18025.
AYES: BENOIT, CARTER, MARTINEZ, MCCALLON, ROYBAL SALTARELLI, WINTERBOTTOM, YAMARONE.
NOES: NONE.

ACTION: MSRC Staff will amend the above contract accordingly.

**ACTION CALENDAR (Items 9 through 12)
FYs 2016-18 WORK PROGRAM**

Agenda Item #9 – Consider Funding for Application Received under the Natural Gas Infrastructure Program

Cynthia Ravenstein, MSRC Contracts Administrator, reported the MSRC has allocated \$4 million to fund new and expanded CNG and LNG refueling stations, as well as modifications to vehicle maintenance facilities and technician training. An additional application was received from El Dorado National requesting to install a new limited access CNG station. The MSRC-TAC is recommending approval of a \$100,000 award to El Dorado National.

ON MOTION BY MSRC MEMBER MICHELE MARTINEZ AND SECONDED BY MSRC VICE-CHAIR GREG WINTERBOTTOM, THE MSRC UNANIMOUSLY VOTED TO APPROVE AN AWARD TO EL DORADO NATIONAL FOR \$100,000.
AYES: BENOIT, CARTER, MARTINEZ, MCCALLON, ROYBAL SALTARELLI, WINTERBOTTOM, YAMARONE.
NOES: NONE.

ACTION: This item will be considered by the SCAQMD Board at its June 1, 2018 meeting.

Agenda Item #10 – Consider Funding for Applications Received under the Local Government Partnership Program

Cynthia Ravenstein, MSRC Contracts Administrator, reported this is the next set of applications that were received under the Local Government Partnership Program. There are a total of six recommended awards: (1) City of Pico Rivera, for EV charging infrastructure; (2) City of Mission Viejo, for Light-duty ZEVs, EV charging infrastructure and expansion of natural gas station; (3) City of Torrance, for heavy-duty near-zero vehicles and EV charging infrastructure; (4) City of Lomita, for light-duty ZEV and bicycle active transportation; (5) City of Chino Hills, for light-duty ZEVs and EV charging infrastructure; and (6) City of Anaheim, for light-duty ZEVs and medium/heavy-duty ZEVs. The total recommended awards are \$688,900. There is an incorrect number in the agenda for the City of Chino Hills. They are proposing two light-duty ZEVs, not four, but the total dollar amount of \$30,000 is correct. We have continued to do further outreach to those who have not yet applied, and your outreach coordinator will make a last push as we approach the August 2nd deadline. There are indications that there are a lot of applications in the works.

[MSRC Alternate Brian Berkson arrived at 2:07 p.m. during discussion of this item]

MSRC Chair Larry McCallon questioned are there many that you are aware of? Ms. Ravenstein replied I am aware of many that are working on them. A lot of them of have already gone to their City Council but have not submitted their applications. Ray Gorski said we will definitely keep the outreach going using both our internal staff resources, as well as your outreach coordinator.

MSRC Vice-Chair Greg Winterbottom questioned where do we stand on the distribution? Ray Gorski, MSRC Technical Advisor replied from an accounting perspective, we're actually doing pretty well. When we go through all the projects and look at how they are dispersed throughout the area, we have representation from each geographic region.

Mr. Winterbottom inquired do we assist with anyone who needs help? Mr. Gorski replied we do assist. There are a lot of resources. South Coast AQMD's Public Affairs Department supports the program because they have individuals who directly assist the cities and counties to receive AB 2766 Subvention Funds. They have been a very active and very good partner in this. We have the outreach coordinator, The Better World Group, they are doing not only direct contact, but they also may do some calls to City leadership because we need to make sure that decision-makers are aware that this is an opportunity.

Mr. Winterbottom asked what is our major hurdle. Mr. Gorski replied when we have the next Retreat, we will have a discussion on how things went and what we learned. Trying to make it easy with complete flexibility, is not in your best interest. A lot of the city staff have demonstrated that they want a direct process and procedure to follow. We have learned that it is best to just give structure instead of trying to be as flexible as we can and give quite bit of leeway

on how to put together your project description. MSRC Chair Larry McCallon added a lot of cities are used to competing.

MSRC Member Ben Benoit asked are they having trouble with how to do it, how to pick a project or do they have trouble coming up with what they want to use it for? Mr. Gorski replied we have had several suggest projects which are not eligible. The whole intent was really to implement strategies which were identified in the 2016 Air Quality Management Plan; it has some defined categories. There needs to be outreach collectively, including the South Coast AQMD, to instruct entities that they have the ability to leverage funds. They can really make a project because there's money out there that is not being taken advantage of. HVIP funds can be leveraged with MSRC funds.

PUBLIC COMMENT: Leo Jones, CNG Transition, asked can you name a couple of the grants that are not being used much.

Mr. Gorski replied the most important is HVIP, it is a Voucher Incentive Program that is offered by the State of California. They have made \$32 million available to offset the cost of more expensive advanced technology and low-emission vehicles. There is funding that is available for low-emission natural gas engines and medium- to heavy-duty electric vehicles. There is also the CVRP Program, which is for light-duty vehicles, that you can match with the MSRC funds. If you can leverage all of the available funds, you can have a project that will not impact your general fund. There is a lack of education on how to do that. Mr. McCallon noted part of our efforts in the future should be to include those types of suggestions. Mr. Gorski replied we have those types of suggestions in there.

PUBLIC COMMENT: Leo Jones, CNG Transition asked can you name more.

Mr. Gorski replied there's a lot of funding that is going to be available. The MSRC Program has a 5-year project implementation window. There's going to be funding that will be available through the Volkswagen Settlement Fund, as well as from the SCAQMD-administered Carl Moyer Fund, which is currently open. There is funding that is going to be available in the future under the Low Carbon Programs that are under the Greenhouse Gas Reduction Funds. There are several programs that are administrated by the California Energy Commission and the California Air Resources Board which draw their funding from the Greenhouse Gas Reduction Fund. There are programs that are specifically looking at transit and active transportation. We understand that it is very confusing, but we would like to see people taking more advantage of all these programs to put together a project which will allow them to utilize their MSRC funds but also do something good for their jurisdiction.

ON MOTION BY MSRC VICE-CHAIR GREG WINTERBOTTOM AND SECONDED BY MSRC MEMBER BEN BENOIT, THE MSRC UNANIMOUSLY VOTED TO APPROVE AWARDS TO THE CITIES OF PICO RIVERA, MISSION VIEJO, TORRANCE, LOMITA, CHINO HILLS AND ANAHEIM TOTALING \$688,900. AYES: BENOIT, BERKSON, CARTER, MARTINEZ, MCCALLON, ROYBAL SALTARELLI, WINTERBOTTOM, YAMARONE. NOES: NONE.

ACTION: This item will be considered by the SCAQMD Board at its June 1, 2018 meeting

Agenda Item #11 – Consider Work Plan Received under the CTC Partnership Program

Ray Gorski, MSRC Technical Advisor reported this item is under the CTC Partnership Program. Under this program, the MSRC allocated \$8 million to implement projects that not only clean the air but have the potential to improve mobility within the South Coast Air Basin. Each of the County Transportation Commissions is eligible to receive up to \$2 million to implement programs which further the MSRC's mission. The Los Angeles Metropolitan Transportation Authority submitted an application. They would like to apply their funding towards the purchase of zero emission 60-foot buses to implement service on the Metro Orange Line Bus Rapid Transit System. These buses operate more on a guide way as opposed to regular city streets. They are used primarily for commuter transportation. The total number of buses to be purchased is 40. Los Angeles Metro will apply the \$2 million towards the initial purchase of the total 40 buses.

MSRC Alternate Brian Berkson inquired are they matching this or is this just a grant. Mr. Gorski replied the total project cost exceeds \$80 million, this will be \$2 million out of the total.

ON MOTION BY MSRC MEMBER BEN BENOIT AND SECONDED BY MSRC ALTERNATE MICHAEL CARTER, THE MSRC UNANIMOUSLY VOTED TO APPROVE AN AWARD TO LOS ANGELES METRO FOR \$2,000,000.

AYES: BENOIT, BERKSON, CARTER, MARTINEZ, MCCALLON, ROYBAL SALTARELLI, WINTERBOTTOM, YAMARONE.

NOES: NONE.

ACTION: This item will be considered by the SCAQMD Board at its June 1, 2018 meeting

MSRC-TAC MEMBERSHIP**Agenda Item #12 – Consider Appointment of Tim Olson as Primary, and Rhetta deMesa and Sam Lerman as Alternates, to the MSRC-TAC in the Position of “Air Pollution Control Expert”**

Ray Gorski, MSRC Technical Advisor, reported that by way of background, Mr. John Kato has been serving in the position of Air Pollution Control Expert on the MSRC-TAC for approximately the last 2 years. Mr. Kato has now left the California Energy Commission (CEC) and has assumed a new position at the California Air Resources Board. The CEC has expressed their desire to retain their position on the MSRC-TAC. The Air Pollution Control Expert position can be filled by any individual who has the necessary qualifications, but the CEC appreciates the MSRC's consideration of allowing them to remain part of the process for the MSRC Discretionary Fund. The CEC recommends Mr. Tim Olson to assume Mr. Kato's responsibilities as Air Pollution Control Expert on the MSRC-TAC. Mr. Olson is no stranger to the MSRC. He has worked with MSRC staff for several years and has also participated as a speaker in some workshops and retreats in the past. He works directly in areas which are of most import to the MSRC: in both zero and near zero-emission advanced technologies. To ensure that the CEC has the ability to fulfill their role, they are suggesting that two individuals be identified and accepted

to be alternates to Mr. Olson: Ms. Rhetta deMessa and Mr. Sam Lerman. They also possess the necessary qualifications and experience to meet the requirements of an Air Pollution Control Expert. In handout #12, we have included some of their biographical, historical and educational information. These individuals have long-standing participation in the MSRC process.

MSRC Chair Larry McCallon inquired is it normal to have two alternates? Mr. Gorski replied it is not unprecedented. We have had other positions in the past which have had two alternates. CEC is trying to ensure that at least one individual that represents the CEC would be available, irrespective of the circumstances.

ON MOTION BY MSRC MEMBER BEN BENOIT AND SECONDED BY MSRC MEMBER MICHELE MARTINEZ, THE MSRC UNANIMOUSLY VOTED TO APPROVE THE APPOINTMENT OF TIM OLSON AS PRIMARY AND RHETTA DEMESSA AND SAM LERMAN AS ALTERNATES TO THE MSRC-TAC POSITION OF AIR POLLUTION CONTROL EXPERT.

AYES: BENOIT, BERKSON, CARTER, MARTINEZ, MCCALLON, ROYBAL SALTARELLI, WINTERBOTTOM, YAMARONE.

NOES: NONE.

ACTION: No further action is required

Agenda Item #13 – Other Business

Ray Gorski, MSRC Technical Advisor, commented there is new leadership on your MSRC-TAC. Gretchen Hardison, who has been your long-standing MSRC-TAC Chair, relinquished her gavel and now Mr. Dan York is the Chair. The Vice-Chair is Mr. AJ Marquez, a long-standing MSRC-TAC member. We are in the process of completing workshops for the new program development process for FYs 2018-2020. We have completed three workshops and have two more. The remaining workshops will be conducted next Tuesday: one at Riverside County Transportation Commission (RCTC) and one at San Bernardino County Transportation Authority (SBCTA) headquarters. We have had good participation and good dialogue to date. The next steps will be to gather all the information that has been provided to us from those individuals who participated, and plan your next Work Program Development Retreat. At the pleasure of the committee, staff will be reaching out to the Chairman to determine potential dates and venues. We will keep all members apprised of the progress. July 1st is the start of your new two-year Work Program.

PUBLIC COMMENT PERIOD

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

ADJOURNMENT

There being no further business, the MSRC meeting adjourned at 2:26 p.m.

NEXTMEETING

Thursday, June 21, 2018 at 2:00 p.m., Room CC8.

[Prepared by Penny Shaw Cedillo]

DRAFT

AGENDA ITEM #2

Summary of Final Reports by MSRC Contractors



MSRC Agenda Item No. 2

Date: June 21, 2018
From: Ray Gorski, MSRC Technical Advisor
Subject: Final Reports Received and Reviewed

Five final reports were submitted for MSRC-TAC review and approval during May:

- Bonita Unified School District MS12008 (\$175,000 - Construct New Limited-Access CNG Station)
- Brea Olinda Unified School District MS12083 (\$59,454 - Install New CNG Infrastructure)
- Los Angeles County MTA MS14001 (\$1,216,637 - Clean Fuel Transit Service to Dodger Stadium)
- City of Norwalk MS16114 (\$45,000 - Repower 3 Transit Buses)
- Arrow Services, Inc. MS 16103 (\$100,000 – Construct New Public Access CNG Station)

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

Contractor: Bonita Unified School District
Contract Number: MS12008
Contract Amount: \$175,000
Title: Bonita Unified School District CNG Station

Discussion: The MSRC Clean Transportation Funding program provided \$175,000.00 to offset the cost of constructing a new compressed natural gas (CNG) refueling station equipped with seven (7) fueling posts with dual hoses. The station is owned by the Bonita Unified School District (BUSD). The school district performed all normal purchasing practices to contract for the CNG fueling station as well as project management to oversee the construction and reporting associated with the project.

System Design and Specifications

In November 2013, BUSD met with representatives from Southern California Gas Company (SoCalGas) to discuss the cost and timeframe for the installation of the District's CNG fueling station.

In March 2014, SoCalGas and their representatives presented a Tariff Proposal (to plan, design, construct, operate and maintain the CNG fueling station) to the school district that was attractive, but well out of the District's project budget range. After internal discussions, the District decided to hire a consultant and open their CNG fueling station project to outside bidders.

In April 2014, the Board of Education approved an agreement between BUSD and Natural Gas Vehicle Institute (NGVI), a consulting firm to help the District move the project to completion. Their services included:

- Initial site visit and evaluation of the CNG fueling station location
- Developing a list of costs, expenses and revenues expected for the project
- Correspond with the district to obtain necessary estimates and cost figures
- Calculate, develop and present payback period findings
- Accurate equipment sizing
- Development of fueling station equipment specifications
- Assistance with the development of a Request for Proposals (RFP)
- Development of bid criteria.

Natural Gas Vehicle Institute would also assist with the pre-bid conference, bid evaluation, provide a list of recommended bidders, and attend equipment commissioning and start up.

WORK PERFORMED

In order to obtain the most cost effective pricing, BUSD released a call for bids prior to entering into an agreement for services. A notice to contractors was published and BUSD held a pre-bid conference in February 2015. The general contents and requirements of the Design/Build CNG fueling stations were reviewed during the job walk portion of the pre- bid conference with the building contractors.

Two contractors submitted bids for the project. After reviewing all documents and discussing both bids, BUSD recommended entering into an agreement with Allsup Corporation. In May 2015, the School Board approved an agreement between BUSD and Allsup to furnish all labor, materials, and complete all work required installing the equipment for the CNG fueling station project.

Allsup Corporation began construction in August 2015. Allsup Corporation began with the layout of underground conduit and saw cutting for the gas and electrical underground, demolishing asphalt, and construction of the concrete pad for equipment, and construction of time-fill stations.

PROBLEMS ENCOUNTERED

There was an approximately four (4) month delay in starting construction due to delays in receiving final approval and meter installation from SoCalGas. Meter installation was completed in October 2015.

CONCLUSION

This project was a success in that the District CNG station now has the ability to produce 70 GGE per hour and fuel all of its CNG buses at once overnight.

In 2012, BUSD had 10 CNG school buses. Through the course of the project, the District replaced five diesel buses with CNG school buses. The intent of the school district with successful project implementation is to eventually replace additional diesel buses with future available funding.



Contractor: Brea Olinda Unified School District
Contract Number: MS12083
Contract Amount: \$59,454
Title: Installation of New CNG Infrastructure

Discussion: The MSRC, together with South Coast Air Quality Management District (SCAQMD), provided funding support to the Brea Olinda Unified School District for the installation of a new compressed natural gas (CNG) refueling station. This new CNG station supports the refueling of seven (7) Thomas 78 passenger buses.

The CNG infrastructure was installed at the Brea Olinda Unified School District's Maintenance & Transportation yard located at 565 N. Berry Street, Brea, CA 92821. The installation was completed on December 27, 2012 and was placed into operation in January 2013. The project encompassed the design, construction, and operation of a private compressed natural gas station with eight refueling stations used to dispense fuel to seven CNG transit buses utilized to transport students to and from school each day of the school year. The buses are refueled every night during the school week and on weekends following extended day field trips or athletic events, as needed, using eight dispensing hoses capable of delivering up to 30 DGEs per hour for a total of up to 700 DGEs per day.

PROBLEMS ENCOUNTERED

The District received a grant to purchase seven CNG buses that experienced numerous problems. This made it difficult to meet the throughput requirements of 25,200 diesel gallon equivalents (DGEs) per year for a period of five years as required by the original contract.

MSRC's Technical Advisory Committee (MSRC-TAC) reviewed the District's request to reduce the required annual throughput amount and was able to extend the contract terms over a period of eight years instead of five years to allow sufficient time to achieve a total throughput equal to the original required amount times three. Due to the longer operational requirement however, the throughput requirement was removed, but the CNG station and buses must remain operational for a period of eight years from the date of installation or through January 2021.

The District also received a reduced grant due to the purchase of remanufactured compressors. The MSRC's FY 2011-12 Alternative Fuel Infrastructure Program required the use of all new equipment so the grant was reduced by the cost of the remanufactured compressors for a total project cost of \$130,908. This did not impact MSRC's award value.

The District filed a change order of \$6,897.38 due to an issue encountered for installation of new fuel lines for the CNG fueling station. The decision was made to change the location of the lines 90 feet from the original designed fueling area to run along the backside of the property. This required 90.41 inches of additional trenching, stainless steel tubing, conduit, ground wire and labor. The change order was approved by the District's Governing Board on January 14, 2013 at the completion of the project.

EMISSION BENEFITS

Clean burning natural gas vehicles (NGV) provide a significant reduction in toxic air pollutant emissions compared to older diesel vehicles. The emissions of primary concern include regulated emission of hydrocarbons, oxides of nitrogen (NOx), carbon monoxide (CO) and carbon dioxide (CO₂).

The California Air Resources Board (CARB) adopted measures that required all diesel vehicles operated within the state to meet specific c guidelines that reduce particulate matter in the air by January 2012. The District was operating seven 1986 diesel transit buses to transport students that did not meet these new requirements. The South Coast AQMD offered grants for the replacement of pre-1987 buses allowing the District to purchase seven new 2013 Thomas CNG buses that met the new emission standards. The new buses meet the 2010 EPA and CARB emissions standards criteria of 0.2 g/bph-hr NMHC + NOx or lower and 0.01g/bph-hr PM or lower. The buses are equipped with Cummins ISLG-280 HDX CNG engines that put out up to 13% lower greenhouse gases than conventional diesel engines.

Annual Throughput Report

Time Period	Total Annual DGEs Dispensed
January 15, 2013 - December 31, 2013	13,969 DGEs
January 1, 2014 - December 31, 2014	14,569 DGEs
January 1, 2015 - December 31, 2015	17,165 DGEs
January 1, 2016 - December 31, 2016	19,308 DGEs
January 1, 2017 - December 31, 2017	19,488 DGEs



Contractor: Los Angeles County Metropolitan Transportation Authority
Contract Number: MS14001
Contract Amount: \$1,216,637
Title: Dodger Stadium Express Service – 2013 – 2014 Seasons

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

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

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

For this contract period, the 2013 season opened on March 29, 2013 and the 2014 season opened on March 27, 2014. A total of 162 home games were serviced, plus an additional seven (7)-post season games during this contract period. For both seasons, Dodgers were successful in attaining playoff status and entering the post season.

Unfortunately, each season concluded without advancing to World Series status.

DSE service was also provided for two additional events that occurred during this contract period. The first was a hockey game held at Dodger stadium on January 25, 2014 and the second a concert on August 10, 2014 featuring Sir Paul McCartney. Both special events attracted significant crowds.

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

After departing Patsaouras Transit Plaza, the route proceeds west on Vignes Street to Cesar Chavez, and then west on Cesar Chavez stopping to pick up patrons at Cesar Chavez Ave/ Broadway St., proceeding west on Sunset Blvd, the route turns north on Vin Scully Ave. For faster entry into the stadium, the bus route utilizes the guard shack lane for express lane entry.

In order to ease the flow of traffic, LADOT engineers install cones demarking the bus lane and separating travel from the regular flow of traffic. Only buses are permitted to travel in the westbound

direction between 4:00 pm and 7:00 pm. The parking enforcement personnel post signage extending parking restrictions to 8:00 pm.

LADOT also uses traffic enforcement officers for ticketing and towing vehicles that violate the posted parking restrictions. Once the inbound movement has completed, the coning is removed at 8:00 pm. Typically, afternoon and evening games only require parking restrictions on the westbound side. On game days that have an earlier starting time, LADOT makes adjustments on parking restriction times that affect both the westbound and eastbound directions. The program includes law enforcement personnel assisting in “clearing” the lanes throughout the inbound process.

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

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

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

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

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

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

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

Problems Encountered

Since 2010, the Dodger organization and Metro have worked diligently to provide alternative public transit that has been focused on providing choices to the public to travel to Dodger Stadium for Major League baseball games and special events. We've incorporated walking and bicycle paths through major traffic points as options to driving in congested peak traffic times. Both organizations are committed to work cooperatively to develop sustainable operating plans for future events at Dodger Stadium.

DSE was designed to be located at Patsaouras Plaza however; the location at the Plaza has presented several difficulties. Line queuing was extremely difficult and as ridership increased, space became a significant issue. Metro also experienced several complaints from daily commuters on the crowding and inability to get through to continue their route of travel into Union Station. In the 2015 season, Metro will explore ways to relocate the service to the West Portal of Union Station.

The dedicated lane initially was implemented without law enforcement personnel to monitor compliance. It was discovered that without law enforcement present, vehicles continued to enter the bus only lane and impact travel for the service. Under these two seasons, their presence has greatly improved travel times.

Emissions Benefits

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

Sunset Blvd. is the main collector street that connects Vin Scully Ave. to the Dodger Stadium main gate. Average weekday PM peak hour LOS on Sunset Blvd. is level D ($V/C = 0.879$). The Los Angeles Department of Transportation (LADOT) has surveyed Sunset Blvd. on a game day, and the LOS is level F ($V/C = 1.56$).

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

During the 2013 and 2014 baseball seasons, the DSE bus service carried 397,000 passengers. In addition, this service effectively reduced approximately 70,000 car trips and 3.88 million miles traveled. The majority of passengers that rode the DSE used public transportation to connect to this service at Union Station. Some fans came from as far away as Santa Barbara, San Diego, San Francisco, and the Central California region, including Modesto, Stockton, San Luis Obispo and Sacramento.

Metro staff has found that baseball fans are using transit more than ever to access the games. In 2010, 122,273 passengers rode the DSE to Dodger Stadium. By 2014, the passenger count increased to 210,677. This is a 72.3% increase over five-year timeframe.

Estimated Emissions Reduction from 2013 and 2014 Dodger Stadium Express

Pollutant	2013 Tons Reduced	2014 Tons Reduced
ROG	0.19	0.22
NOx	0.18	0.21
CO	0.51	0.6
PM2.5	0.15	0.18

Contractor: City of Norwalk – Norwalk Transit
Contract Number: MS16114
Contract Amount: \$45,000
Title: Repower of Three Transit Buses with Near-Zero Natural Gas Engines

Discussion: The mission of Norwalk Transit System (NTS) is to serve the community by providing efficient transit service that is committed to quality, safety, and excellence.

Transportation accounts for about 33 % of Greenhouse Gas Emissions in the U.S. Ultimately, NTS' goal is to contribute to climate change by 1) reducing carbon outputs of motor vehicles and 2) through deployment of zero emission buses.

NTS requested \$45,000 in MSRC Clean Transportation Funding towards the purchase of (3) Cummins Westport ISL G NZ 8.9 liter natural gas engines as part of the acquisition of three (3) new Compressed Natural Gas (CNG) buses in 2017.

NTS entered into an Assignment & Assumption agreement with Erie Metropolitan Transit Authority (EMTA) for two (2) CNG buses. In addition, NTS is exercising the option with Jackson Transportation Authority (JTA) for one (1) CNG bus. These buses will replace the two (2) 2005 and one (1) 2006 New Flyer Hybrid Electric buses. By 2018, more than 60% of the fleet will be comprised of CNG buses.

The buses arrived to NTS in January 2018, with the engine scoped; the project has been completed satisfactorily, within budget and regulatory compliance.

PROBLEMS ENCOUNTERED

The project was completed without any hindrances or delays; the buses were actually delivered earlier than scheduled.

EMISSION BENEFITS

The mission of Norwalk Transit System (NTS) is to serve the community by providing efficient transit service that is committed to quality, safety and excellence. NTS' overall objective is to provide reliable transportation to the riding community by connecting residents to stations and stops for educational, employment and other activities and opportunities in the service area and the region. NTS routes connects patrons to many regional activity centers such as Los Angeles County Superior Court, Los Angeles county Regional Public Library, Los Angeles County Recorder's Office, State Employment Development Department, Norwalk City Hall, Cerritos College, and Rio Hondo College. Maintaining the buses and associated equipment will provide increased service reliability in ensuring the fleet has an overall higher mean distance between failures. Reliability is attractive not only to current customers who may consider taking NTS for additional trips but is attractive to potential customers who may consider taking public transportation if reliability is not degraded.

As previously stated, Transportation accounts for about 33 % of Greenhouse Gas Emissions in the U.S.

Ultimately, NTS' goal is to contribute to climate change by 1) reducing carbon outputs of motor vehicles and 2) through deployment of zero emission buses. An average private vehicle emission rate is about 1.0 pound of CO₂ per mile. An automobile driven by a single person 20 miles round trip to work will emit 20 pounds of CO₂. Thus, for every person utilizing NTS transit service would result in reduction of greenhouse gas emissions. NTS has already contributed to reduction in emissions by changing fuel paths to CNG that emits up to 25% less greenhouse gas emissions (CO₂) than diesel vehicles. Removal of the diesel/gasoline fueled buses from the fleet and incorporating zero and/or near zero mission technology will have most impact on the environment as this will remove diesel particulate matter (PM), hydrocarbons (HC), oxides of nitrogen (NOx) and carbon monoxide (CO) and other harmful air pollutants. All these smog-forming pollutants contribute to health risks including heart and lung disease.



Contractor: Arrow Services, Inc.
Contract Number: MS16103
Contract Amount: \$100,000
Title: Construct New Public Access CNG Station

Discussion: The MSRC provided Clean Transportation Funding support to the Arrow Services, Inc. (ASI) new compressed natural gas (CNG) station project. This project encompassed the design, construction, and operation of a limited-public access CNG fueling station with 200 standard cubic feet per minute (SCFM) compression capability, ten time-fill dual-hose posts that are equipped with a total of 21 hoses, one quick fill capable hose and 12,200 standard cubic feet (SCF) of compressed gas storage.

The station is located at 14241 Proctor Avenue, La Puente, California, less than two miles from the 605 freeway and between the 10 and 60 freeways. This location provides excellent accessibility for Arrow's natural gas-fueled refuse trucks, which serve several residential neighborhoods within the vicinity, and the general public throughout the basin. In the first full month of station operation, throughput averaged 12,685 diesel gallon equivalents (DGE).

Currently it is averaging 14,380, at this current rate the station is projected to dispense over 172,643 DGE in the first full year of operation. The three-year contractual target is a minimum of 224,640 DGE per year, beginning in Year 3 of the contract. This target will be achieved as ASI continues to transition its fleet to natural gas operation; an additional eight CNG trucks are anticipated to meet this three-year target.

PROBLEMS ENCOUNTERED

Below is a summary of challenges encountered during the implementation of this project:

- The primary setback was that the original construction and station design companies delayed project for four months with no progress on the project. Arrow had to terminate the construction agreement these companies and hire a new station builder and designer. The newly hired company that successfully completed the project was TruStar Energy CNG.
- Once the project was in the final design stage, the newly hired station design consultant designed and built the station with equipment previously ordered under the original contractors. When TruStar attempted to commission the station, they found that the Southern California Gas Company (SoCalGas) meter was too small to serve the compressor. As a result, SoCalGas replaced the meter with a larger meter, adding significant cost to overall station project, as well as a delay in schedule. Arrow covered the additional project costs, driving the overall project cost far above expectations.
- As is typical with CNG station projects, Southern California Edison (SCE) required an additional 45 days after the station was completed to install the electric meter.

- SoCalGas delayed first meter installation by 30 days that were not allocated in the schedule do to the retirement of their field planner.
- Permit approvals from the city took an extra 30 days beyond the original planned project schedule.

EMISSIONS BENEFITS

Over the past 30 years, clean burning NGVs provided significant reductions in criteria and toxic air pollutant emissions compared to conventional gasoline and diesel vehicles. When NGVs were first introduced to the transportation market, initial NGVs reduced key pollutants emissions such as oxides of nitrogen (NOx) and particulate matter (PM) by up to 98 percent. More recently, the light-duty CNG-fueled Honda Civic, which unfortunately is no longer being produced, emitted half the NOx, 80 percent less non-methane hydrocarbon (NMHC) and 60 percent less carbon monoxide (CO) than the gasoline Civic. New CNG-fueled medium- and heavy-duty trucks and buses reduce NOx by more than 90 percent and PM by 98 percent, compared to older in-use diesel fueled versions. These benefits drive grant programs in California that fund the accelerated replacement of diesel fueled trucks and buses with natural gas technology, with grant funds targeted to cover the higher incremental cost of the cleaner technology over comparable diesel engines. It is noteworthy that natural gas technology's successful in-use operation in all vehicle classes over the past few decades contributed to CARB's ability to continually restrict vehicle and engine emissions, culminating in the current 0.2 and 0.01 gram per brake horsepower-hour NOx and PM standards, respectively, which have been met by both natural gas and diesel fuel technologies since 2010.

More recently, Cummins Westport Inc. certified its natural gas engine with both the U.S. EPA and CARB at the 90 percent NOx reduction level of 0.02 grams per brake horsepower-hour. This engine is currently available for medium heavy-duty vehicle applications, such as urban transit buses, school buses, and refuse trucks. Technologies such as these have the potential to further support the market deployment of medium- and heavy-duty natural gas trucks. By using both biomethane and low-NOX engines, natural gas trucks have the potential to reduce criteria pollutant and GHG emissions to levels near those of zero-emission battery and fuel cell electric vehicles.

All NGVs fueling at the Arrow station provide well-established environmental benefits, as evidenced by the South Coast Air Quality Management District's fleet rules, which require the use of clean fuels such as natural gas in a variety of fleet applications.

This new station supports state and local goals to increase petroleum fuel displacement in the region while enhancing air quality by reducing criteria pollutant and greenhouse gas emissions.

Below are photographs of the project station.



SUMMARY & RECOMMENDATIONS

The successful design, construction and reliable operation of the ASI time-fill CNG station have been demonstrated during the station demonstration period. This station includes a 140 horsepower, 200 SCFM compressor and ten time-fill posts, with a total of 21 (20 time-fill and one quick-fill) hoses to provide simultaneous overnight fueling. Currently there are 18 ASI fleet vehicles using the time-fill system regularly on weeknights.

As a limited public access station, Arrow has arranged to allow fueling at this station by Nasa Service Inc., a refuse service company, when their drivers are in need of fuel.

The station construction and start-up followed well-established best practices for CNG station implementation (i.e., design, construction and commissioning). This station was designed to meet all applicable codes and standards for CNG fueling stations. These codes and standards were met in order to obtain approved plumbing, electrical and buildings permits and ultimately commission the station.

The actual measured throughput during the first month of data collection period was 12,685 DGE. Currently it is averaging 14,380, at this current rate the station is projected to dispense over 172,643 DGE in the first full year of operation. The three-year contractual target is a minimum of 224,640 DGE per year, beginning in Year 3 of the contract, which will be achieved once the planned additional eight CNG units are placed in service.

The GHG reduction benefits of natural gas as a transportation fuel are demonstrated by comparing the carbon intensity (CI) of natural gas to baseline fuels. According to the California Air Resources Board (CARB), "carbon intensity means the amount of lifecycle greenhouse gas emissions, per unit of energy of fuel delivered, expressed in grams of carbon dioxide equivalent per megajoule (gCO₂e/MJ), where gCO₂e/MJ is defined as grams of carbon dioxide per megajoule. In the case of CNG, CI is typically less than gasoline and diesel. According to the CARB's Low Carbon Fuel Standard (LCFS) regulation, the CI of CNG is 78.37 gCO₂e/MJ. This compares with 102.01 gCO₂e/MJ for diesel fuel and 98.47 gCO₂e/MJ for gasoline. Based on current carbon intensity values, CNG provides a net reduction in greenhouse gas emissions of about 23 percent compared to gasoline and diesel.

A method to further reduce the CI of natural gas fuel is to procure natural gas that is derived from renewable feedstock, i.e., biogas, landfill gas or biomethane. Landfill gas (bio-methane) that is cleaned up to pipeline quality natural gas and compressed in California is rated by CARB with a CI of 46.42 gCO₂e/MJ, far below existing pipeline natural gas. SoCalGas is investigating the availability of renewable feedstock for its pipeline. Should this become available, the CI of natural gas at this station would further improve (i.e., be lower than current estimates).

Recommendations

Continued support for NGV implementation from state and local agencies in the form of vehicle buy-down incentives is important to ensure that existing and future natural gas fueling stations maximize their station throughput. The MSRC's support of low-NO_x vehicle incentives is a great example of a

current program that will be instrumental in supporting the growth natural gas fueling station throughput.

AGENDA ITEM #3

MSRC Contracts Administrator's Report

MSRC Agenda Item No. 3

DATE: June 21, 2018

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 April 26 to May 30, 2018.

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 with the prospective contractor for signature or 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 with the prospective contractor for signature. 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 under development, with the prospective contractor for signature, or 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 under development, undergoing internal review, or with the prospective contractor for signature.

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 under development, undergoing internal review, or with the prospective contractor for signature.

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 under development or undergoing internal review.

2014-16 Work Program

On December 5, 2014, the SCAQMD Governing Board approved an award under the AB118 Enhanced Fleet Maintenance Program. This contract is executed.

On June 5, 2015, the SCAQMD Governing Board approved two awards under the Event Center Transportation Program and one award to provide low-emission transportation services to the Special Olympics World Games. These contracts are executed.

On September 4, 2015, the SCAQMD Governing Board approved 25 awards under the Local Government Match Program and one award under the Transportation Control Measure Partnership Program. These contracts are executed.

On October 2, 2015, the SCAQMD Governing Board approved 11 awards under the Local Government Match Program and one award under the Alternative Fuel Infrastructure Program. These contracts are executed.

On November 6, 2015, the SCAQMD Governing Board approved 37 awards under the Local Government Match Program. These contracts are with the SCAQMD Board Chair for signature or executed.

On December 4, 2015, the SCAQMD Governing Board approved one award under the Major Event Center Transportation Program, one award under the Alternative Fuel Infrastructure Program, and one award under the Transportation Control Measure Partnership Program. These contracts are executed.

On January 8, 2016, the SCAQMD Governing Board approved two awards under the Major Event Center Transportation Program, one award under the Local Government Match Program, and one award under the Transportation Control Measure Partnership Program. These contracts are executed.

On March 4, 2016, the SCAQMD Governing Board approved two awards under the Alternative Fuel Infrastructure Program. These contracts are executed.

On April 1, 2016, the SCAQMD Governing Board approved one award under the Major Event Center Transportation Program and five awards under the Transportation Control Measure Partnership Program. These contracts are executed.

On May 6, 2016, the SCAQMD Governing Board approved one award under the Major Event Center Transportation Program and one award under the Transportation Control Measure Partnership Program. These contracts are executed.

On June 3, 2016, the SCAQMD Governing Board approved one award under the Alternative Fuel Infrastructure Program. This contract is executed.

On October 7, 2016, the SCAQMD Governing Board approved ten awards under the Alternative Fuel Infrastructure Program and five awards under the Near-Zero Natural Gas Engine Incentives Program. These contracts are under development, with the prospective contractor for signature, or executed.

On January 6, 2017, the SCAQMD Governing Board approved an award under the Alternative Fuel Infrastructure Program and an award under the Near-Zero Natural Gas Engine Incentives Program. These contracts are executed.

Work Program Status

Contract Status Reports for work program years with open (including "Open/Complete") and/or pending contracts are attached.

FY 2004-05 Work Program Contracts

One contract from this work program year is open.

FY 2004-05 Invoices Paid

No invoices were paid during this period.

FY 2006-07 Work Program Contracts

No contracts from this work program year are open; and one is in "Open/Complete" status.

FY 2006-07 Invoices Paid

No invoices were paid during this period.

FY 2007-08 Work Program Contracts

4 contracts from this work program year are open; and 2 are in “Open/Complete” status. One contract closed during this period: Los Angeles County Department of Public Works, Contract #ML08018 – Purchase Two Heavy-Duty CNG Vehicles.

FY 2007-08 Invoices Paid

No invoices were paid during this period.

FY 2008-09 Work Program Contracts

One contracts from this work program year is open; and 5 are in “Open/Complete” status. One contract passed into “Open/Complete” status during this period: City of Long Beach Fleet Services Bureau, Contract #ML09036 – Purchase 35 Natural Gas Refuse Trucks.

FY 2008-09 Invoices Paid

No invoices were paid during this period.

FY 2010-11 Work Program Contracts

4 contracts from this work program year are open; and 33 are in “Open/Complete” status. 3 contracts closed during this period: California Cartage Company, Contract #MS1101 – Retrofit Two Heavy-Duty Off-Road Vehicles; City of Glendale, Contract #ML11028 – Purchase 10 Heavy-Duty Natural Gas Vehicles; and CR&R, Contract #MS11017 – Expand CNG Station in Garden Grove.

FY 2010-11 Invoices Paid

No invoices were paid during this period.

FY 2011-12 Work Program Contracts

12 contracts from this work program year are open, and 33 are in “Open/Complete” status. One contract closed during this period: City of La Palma, Contract #ML12048 – Purchase 2 Medium-Duty LPG Vehicles.

FY 2011-12 Invoices Paid

No invoices were paid during this period.

FYs 2012-14 Work Program Contracts

35 contracts from this work program year are open, and 25 are in “Open/Complete” status. One contract closed during this period: Top Shelf Consulting, Contract #MS14089 – Enhanced Fleet Modernization Program.

FYs 2012-14 Invoices Paid

One invoice in the amount of \$125,000.00 was paid during this period.

FYs 2014-16 Work Program Contracts

74 contracts from this work program year are open, and 16 are in “Open/Complete” status. 2 contracts closed during this period: Coachella Valley Association of Governments, Contract

#ML16033 – Street Sweeping Operations in Coachella Valley; and City of Buena Park, Contract #ML16049 – Install Class I Bikeway.

FYs 2014-16 Invoices Paid

Six invoices totaling \$538,187.50 were paid during this period.

FYs 2016-18 Work Program Contracts

14 contracts from this work program year are open.

FYs 2016-18 Invoices Paid

One invoice in the amount of \$373.00 was paid during this period.

Administrative Scope Changes

3 administrative scope changes were initiated during the period of April 26 to May 30, 2018:

- County of Los Angeles, Department of Public Works, Contract #ML14026 (Install CNG Station – Castaic) – One-year no-cost term extension
- County of Riverside, Contract #ML14068 (Implement “Open Streets” Events) – Reallocate \$6,639 between tasks
- City of Irvine, Contract #ML14033 (Purchase Two Heavy-Duty Natural Gas Vehicles) – One-year no-cost term extension

Attachments

- FY 2004-05 through FYs 2016-18 (except FY 2005-06 and FY 2009-10) Contract Status Reports



AB2766 Discretionary Fund Program Invoices

April 26, 2018 to May 30, 2018

Contract Admin.	MSRC Chair	MSRC Liaison	Finance	Contract #	Contractor	Invoice #	Amount
<i>2014-2016 Work Program</i>							
5/3/2018	5/17/2018	5/18/2018	5/18/2018	ML16017	City of Long Beach	18-007	\$141,757.27
4/27/2018	4/28/2018	5/1/2018	5/1/2018	ML16064	County of Orange, OC Parks	1	\$73,585.00
4/26/2018	4/28/2018	5/1/2018	5/1/2018	MS16030	The Better World Group	1656	\$14,640.00
4/26/2018	4/28/2018	5/1/2018	5/1/2018	ML16033	Coachella Valley Association of Governments	CV18123-18	\$250,000.00
5/2/2018	5/17/2018	5/18/2018	5/18/2018	ML16078	City of Moreno Valley	18-0118/FIN.	\$26,035.23
Total: \$506,017.50							
<i>2016-2018 Work Program</i>							
5/15/2018	5/17/2018	5/18/2018	5/18/2018	MS18003	Geographics	18-20827	\$373.00

Total: \$373.00

Total This Period: \$506,390.50



FYs 2004-05 Through 2016-18 AB2766 Contract Status Report

6/14/2018

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
FY 2004-2005 Contracts									
Open Contracts									
ML05014	Los Angeles County Department of P	5/21/2007	11/20/2008	9/20/2018	\$204,221.00	\$0.00	Traffic Signal Synchronization	\$204,221.00	No
Total: 1									
Declined/Cancelled Contracts									
ML05005	City of Highland				\$20,000.00	\$0.00	2 Medium Duty CNG Vehicles	\$20,000.00	No
ML05008	Los Angeles County Department of P				\$140,000.00	\$0.00	7 Heavy Duty LPG Street Sweepers	\$140,000.00	No
ML05010	Los Angeles County Department of P				\$20,000.00	\$0.00	1 Heavy Duty CNG Bus	\$20,000.00	No
MS05030	City of Inglewood				\$31,662.00	\$0.00	2 CNG Street Sweepers	\$31,662.00	No
MS05032	H&C Disposal				\$34,068.00	\$0.00	2 CNG Waste Haulers	\$34,068.00	No
MS05044	City of Colton				\$78,720.00	\$0.00	CNG Station Upgrade	\$78,720.00	No
Total: 6									
Closed Contracts									
ML05006	City of Colton Public Works	7/27/2005	7/26/2006		\$30,000.00	\$30,000.00	3 Medium Duty CNG Vehicles	\$0.00	Yes
ML05011	Los Angeles County Department of P	8/10/2006	12/9/2007	6/9/2008	\$52,409.00	\$51,048.46	3 Heavy Duty LPG Shuttle Vans	\$1,360.54	Yes
ML05013	Los Angeles County Department of P	1/5/2007	7/4/2008	1/4/2013	\$313,000.00	\$313,000.00	Traffic Signal Synchronization	\$0.00	Yes
ML05015	City of Lawndale	7/27/2005	7/26/2006		\$10,000.00	\$10,000.00	1 Medium Duty CNG Vehicle	\$0.00	Yes
ML05016	City of Santa Monica	9/23/2005	9/22/2006	9/22/2007	\$350,000.00	\$350,000.00	6 MD CNG Vehicles, 1 LPG Sweep, 13 CNG	\$0.00	Yes
ML05017	City of Signal Hill	1/16/2006	7/15/2007		\$126,000.00	\$126,000.00	Traffic Signal Synchronization	\$0.00	Yes
ML05018	City of San Bernardino	4/19/2005	4/18/2006		\$40,000.00	\$40,000.00	4 M.D. CNG Vehicles	\$0.00	Yes
ML05019	City of Lakewood	5/6/2005	5/5/2006		\$10,000.00	\$10,000.00	1 M.D. CNG Vehicle	\$0.00	Yes
ML05020	City of Pomona	6/24/2005	6/23/2006		\$10,000.00	\$10,000.00	1 M.D. CNG Vehicle	\$0.00	Yes
ML05021	City of Whittier	7/7/2005	7/6/2006	4/6/2008	\$100,000.00	\$80,000.00	Sweeper, Aerial Truck, & 3 Refuse Trucks	\$20,000.00	Yes
ML05022	City of Claremont	9/23/2005	9/22/2006		\$20,000.00	\$20,000.00	2 M.D. CNG Vehicles	\$0.00	Yes
ML05024	City of Cerritos	4/18/2005	3/17/2006		\$10,000.00	\$10,000.00	1 M.D. CNG Vehicle	\$0.00	Yes
ML05025	City of Malibu	5/6/2005	3/5/2006		\$10,000.00	\$10,000.00	1 Medium-Duty CNG Vehicle	\$0.00	Yes
ML05026	City of Inglewood	1/6/2006	1/5/2007	2/5/2009	\$60,000.00	\$60,000.00	2 CNG Transit Buses, 1 CNG Pothole Patch	\$0.00	Yes
ML05027	City of Beaumont	2/23/2006	4/22/2007	6/22/2010	\$20,000.00	\$20,000.00	1 H.D. CNG Bus	\$0.00	Yes
ML05028	City of Anaheim	9/8/2006	9/7/2007	5/7/2008	\$85,331.00	\$85,331.00	Traffic signal coordination & synchronization	\$0.00	Yes
ML05029	Los Angeles World Airports	5/5/2006	9/4/2007		\$140,000.00	\$140,000.00	Seven CNG Buses	\$0.00	Yes
ML05071	City of La Canada Flintridge	1/30/2009	1/29/2011		\$20,000.00	\$20,000.00	1 CNG Bus	\$0.00	Yes
ML05072	Los Angeles County Department of P	8/24/2009	5/23/2010	1/23/2011	\$349,000.00	\$349,000.00	Traffic Signal Synchronization (LADOT)	\$0.00	Yes
MS05001	A-Z Bus Sales, Inc.	2/4/2005	12/31/2005	12/31/2006	\$1,385,000.00	\$1,385,000.00	CNG School Bus Buydown	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS05002	California Bus Sales	2/4/2005	12/31/2005	12/31/2006	\$1,800,000.00	\$1,800,000.00	CNG School Bus Buydown	\$0.00	Yes
MS05003	BusWest	1/28/2005	12/31/2005	12/31/2006	\$2,100,000.00	\$1,620,000.00	CNG School Bus Buydown	\$480,000.00	Yes
MS05004	Johnson/Ukropina Creative Marketin	11/27/2004	1/18/2006	4/18/2006	\$1,000,000.00	\$994,612.56	Implement "Rideshare Thursday" Campaign	\$5,387.44	Yes
MS05031	City of Ontario, Housing & Municipal	7/22/2005	3/21/2007		\$191,268.00	\$191,268.00	11 CNG Waste Haulers	\$0.00	Yes
MS05033	Waste Management of the Desert	9/26/2005	5/25/2007		\$202,900.00	\$202,900.00	10 CNG Waste Haulers	\$0.00	Yes
MS05034	Sukut Equipment, Inc.	9/9/2005	5/8/2007		\$1,151,136.00	\$1,151,136.00	Repower 12 Scrapers	\$0.00	Yes
MS05035	Varner Construction Inc.	11/28/2005	4/27/2007	2/27/2008	\$334,624.00	\$334,624.00	Repower 5 Off-Road H.D. Vehicles	\$0.00	Yes
MS05036	Camarillo Engineering	8/18/2005	1/17/2007		\$1,167,276.00	\$1,167,276.00	Repower 12 Scrapers	\$0.00	Yes
MS05037	Road Builders, Inc.	11/21/2005	4/20/2007	6/20/2008	\$229,302.00	\$229,302.00	Repower 2 Scrapers	\$0.00	Yes
MS05038	SunLine Transit Agency	3/30/2006	9/29/2007		\$135,000.00	\$135,000.00	15 CNG Buses	\$0.00	Yes
MS05039	Los Angeles County MTA	4/28/2006	4/27/2008		\$405,000.00	\$405,000.00	75 CNG Buses	\$0.00	Yes
MS05040	Orange County Transportation Autho	3/23/2006	12/22/2007	6/22/2008	\$200,000.00	\$200,000.00	25 CNG Buses	\$0.00	Yes
MS05041	The Regents of the University of Cali	9/5/2006	8/4/2007	9/4/2008	\$15,921.00	\$15,921.00	CNG Station Upgrade	\$0.00	Yes
MS05042	City of Ontario, Housing & Municipal	11/21/2005	9/20/2006	7/20/2007	\$117,832.00	\$74,531.27	CNG Station Upgrade	\$43,300.73	Yes
MS05043	Whittier Union High School District	9/23/2005	7/22/2006		\$15,921.00	\$15,921.00	CNG Station Upgrade	\$0.00	Yes
MS05045	City of Covina	9/9/2005	7/8/2006		\$10,000.00	\$7,435.61	CNG Station Upgrade	\$2,564.39	Yes
MS05046	City of Inglewood	1/6/2006	5/5/2007		\$139,150.00	\$56,150.27	CNG Station Upgrade	\$82,999.73	Yes
MS05047	Orange County Transportation Autho	10/20/2005	10/19/2006	1/19/2007	\$75,563.00	\$75,563.00	CNG Station Upgrade	\$0.00	Yes
MS05048	City of Santa Monica	7/24/2006	11/23/2007		\$150,000.00	\$150,000.00	CNG Station Upgrade	\$0.00	Yes
MS05049	Omnitrans	9/23/2005	2/22/2007		\$25,000.00	\$7,250.00	CNG Station Upgrade	\$17,750.00	Yes
MS05050	Gateway Cities Council of Governme	12/21/2005	4/20/2010		\$1,464,839.00	\$1,464,838.12	Truck Fleet Modernization Program	\$0.88	Yes
MS05051	Jagur Tractor	1/16/2006	4/15/2007	10/15/2007	\$660,928.00	\$660,928.00	Repower 6 Scrapers	\$0.00	Yes
MS05052	Caufield Equipment, Inc.	8/3/2005	1/2/2007		\$478,000.00	\$478,000.00	Repower 4 Scrapers	\$0.00	Yes
MS05070	Haaland Internet Productions (HIP D	6/24/2005	5/31/2007	11/30/2011	\$100,715.00	\$92,458.24	Design, Host & Maintain MSRC Website	\$8,256.76	Yes

Total: 44

Closed/Incomplete Contracts

ML05007	Los Angeles County Dept of Beache	6/23/2006	6/22/2007	12/22/2007	\$50,000.00	\$0.00	5 Medium Duty CNG Vehicles	\$50,000.00	No
ML05009	Los Angeles County Department of P	6/22/2006	12/21/2007	9/30/2011	\$56,666.00	\$0.00	2 Propane Refueling Stations	\$56,666.00	No
ML05012	Los Angeles County Department of P	11/10/2006	5/9/2008	1/9/2009	\$349,000.00	\$0.00	Traffic Signal Synchronization (LADOT)	\$349,000.00	No
ML05023	City of La Canada Flintridge	3/30/2005	2/28/2006	8/28/2008	\$20,000.00	\$0.00	1 CNG Bus	\$20,000.00	No

Total: 4

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

FY 2006-2007 Contracts

Declined/Cancelled Contracts

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									

Closed Contracts

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
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

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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS07058	The Better World Group	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 Sanit	10/31/2008	8/30/2010	8/28/2016	\$63,192.00	\$62,692.00	Off-Road Diesel Equipment Retrofit Program	\$500.00	No
MS07091	BusWest	10/16/2009	3/15/2010		\$33,660.00	\$33,660.00	Provide Lease for 2 CNG School Buses	\$0.00	Yes
MS07092	Riverside County Transportation Co	9/1/2010	10/31/2011		\$350,000.00	\$350,000.00	"511" Commuter Services Campaign	\$0.00	Yes

Total: 60

Closed/Incomplete Contracts

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

Total: 4

Open/Complete Contracts

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

Total: 1

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

FY 2007-2008 Contracts

Open Contracts

ML08028	City of Santa Monica	9/11/2009	9/10/2016	5/10/2019	\$600,000.00	\$0.00	24 CNG Heavy-Duty Vehicles	\$600,000.00	No
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
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

Total: 3

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
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

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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS08069	Perris Union High School District	6/5/2009	8/4/2015	8/4/2016	\$225,000.00	\$225,000.00	New CNG Station	\$0.00	Yes
MS08070	Clean Energy Fuels Corp.	11/26/2009	2/25/2015		\$400,000.00	\$400,000.00	New CNG Station - Paramount	\$0.00	Yes
MS08071	ABC Unified School District	1/16/2009	1/15/2015		\$63,000.00	\$63,000.00	New CNG Station	\$0.00	Yes
MS08072	Clean Energy Fuels Corp.	12/4/2009	3/3/2015		\$400,000.00	\$354,243.38	New CNG Station - Burbank	\$45,756.62	Yes
MS08073	Clean Energy Fuels Corp.	11/26/2009	2/25/2015		\$400,000.00	\$400,000.00	New CNG Station - Norwalk	\$0.00	Yes
MS08075	Disneyland Resort	12/10/2008	2/1/2015		\$200,000.00	\$200,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS08076	Azusa Unified School District	10/17/2008	11/16/2014	1/31/2017	\$172,500.00	\$172,500.00	New CNG station and maint. Fac. Modificati	\$0.00	Yes
MS08078	SunLine Transit Agency	12/10/2008	6/9/2015	2/9/2016	\$189,000.00	\$189,000.00	CNG Station Upgrade	\$0.00	Yes
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: 58

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

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

Total: 2

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

FY 2008-2009 Contracts

Open Contracts

ML09033	City of Beverly Hills	3/4/2011	5/3/2017	1/3/2019	\$550,000.00	\$100,000.00	10 Nat. Gas Heavy-Duty Vehicles & CNG St	\$450,000.00	No
---------	-----------------------	----------	----------	----------	--------------	--------------	--	--------------	----

Total: 1

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
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
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

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
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
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: 27

Open/Complete Contracts

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
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
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
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
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

Total: 5

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

FY 2010-2011 Contracts

Open Contracts

ML11029	City of Santa Ana	9/7/2012	3/6/2020	3/6/2023	\$262,500.00	\$75,000.00	Expansion of Existing CNG Station, Install N	\$187,500.00	No
ML11032	City of Gardena	3/2/2012	9/1/2018	10/1/2020	\$102,500.00	\$0.00	Purchase Heavy-Duty CNG Vehicle, Install	\$102,500.00	No
ML11045	City of Newport Beach	2/3/2012	8/2/2018	3/2/2021	\$30,000.00	\$0.00	Purchase 1 Nat. Gas H.D. Vehicle	\$30,000.00	No
MS11065	Temecula Valley Unified School Distr	8/11/2012	1/10/2019		\$50,000.00	\$46,112.64	Expansion of Existing CNG Station	\$3,887.36	No

Total: 4

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
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?
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
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
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
MS11017	CR&R, Inc.	3/2/2012	2/1/2018		\$100,000.00	\$100,000.00	Expansion of existing station - Garden Grove	\$0.00	Yes
MS11018	Orange County Transportation Autho	10/14/2011	1/31/2012		\$211,360.00	\$211,360.00	Express Bus Service to Orange County Fair	\$0.00	Yes
MS11052	Krisda Inc	9/27/2012	6/26/2013		\$120,000.00	\$120,000.00	Repower Three Heavy-Duty Vehicles	\$0.00	Yes
MS11056	The Better World Group	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
MS11074	SunLine Transit Agency	5/11/2012	7/31/2012		\$41,849.00	\$22,391.00	Transit Service for Coachella Valley Festival	\$19,458.00	Yes
MS11080	Southern California Regional Rail Au	4/6/2012	7/31/2012		\$26,000.00	\$26,000.00	Metrolink Service to Auto Club Speedway	\$0.00	Yes
MS11086	DCL America Inc.	6/7/2013	10/6/2016		\$500,000.00	\$359,076.96	Retrofit Eight H.D. Off-Road Vehicles Under	\$140,923.04	Yes
MS11087	Cemex Construction Material Pacific,	10/16/2012	2/15/2016		\$448,766.00	\$448,760.80	Retrofit 13 H.D. Off-Road Vehicles Under Sh	\$5.20	Yes
MS11091	California Cartage Company, LLC	4/5/2013	8/4/2016	2/4/2018	\$55,000.00	\$0.00	Retrofit Two H.D. Off-Road Vehicles Under	\$55,000.00	No
MS11092	Griffith Company	2/15/2013	6/14/2016	12/14/2017	\$390,521.00	\$78,750.00	Retrofit 17 H.D. Off-Road Vehicles Under Sh	\$311,771.00	No

Total: 25

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
ML11021	City of Whittier	1/27/2012	9/26/2018	6/26/2019	\$210,000.00	\$210,000.00	Purchase 7 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11022	City of Anaheim	3/16/2012	7/15/2018		\$150,000.00	\$150,000.00	Purchase of 5 H.D. Vehicles	\$0.00	Yes
ML11023	City of Rancho Cucamonga	4/20/2012	12/19/2018	9/19/2020	\$260,000.00	\$260,000.00	Expand Existing CNG Station, 2 H.D. Vehicl	\$0.00	Yes
ML11024	County of Los Angeles, Dept of Publi	12/5/2014	6/4/2022		\$90,000.00	\$90,000.00	Purchase 3 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11025	County of Los Angeles Department o	3/14/2014	9/13/2021		\$150,000.00	\$150,000.00	Purchase 5 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11026	City of Redlands	3/2/2012	10/1/2018		\$90,000.00	\$90,000.00	Purchase 3 Nat. Gas H.D. Vehicles	\$0.00	Yes

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
ML11036	City of Riverside	1/27/2012	1/26/2019	3/26/2021	\$670,000.00	\$670,000.00	Install New CNG Station, Purchase 9 H.D. N	\$0.00	Yes
ML11037	City of Anaheim	12/22/2012	12/21/2019		\$300,000.00	\$300,000.00	Purchase 12 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11039	City of Ontario, Housing & Municipal	1/27/2012	9/26/2018		\$180,000.00	\$180,000.00	Purchase 6 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11040	City of South Pasadena	5/4/2012	1/3/2019	1/3/2022	\$30,000.00	\$30,000.00	Purchase 1 Nat. Gas H.D. Vehicle	\$0.00	Yes
ML11041	City of Santa Ana	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
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
MS11008	USA Waste of California, Inc.	10/24/2013	4/23/2020		\$125,000.00	\$125,000.00	Expansion of Existing LCNG Station	\$0.00	Yes
MS11009	USA Waste of California, Inc.	10/24/2013	4/23/2020		\$125,000.00	\$125,000.00	Expansion of Existing LCNG Station	\$0.00	Yes
MS11010	Border Valley Trading	8/26/2011	10/25/2017	4/25/2020	\$150,000.00	\$150,000.00	New LNG Station	\$0.00	Yes
MS11011	EDCO Disposal Corporation	12/30/2011	4/29/2019		\$100,000.00	\$100,000.00	New CNG Station - Signal Hill	\$0.00	Yes
MS11012	EDCO Disposal Corporation	12/30/2011	4/29/2019		\$100,000.00	\$100,000.00	New CNG Station - Buena Park	\$0.00	Yes
MS11016	CR&R Incorporated	4/12/2013	10/11/2019		\$100,000.00	\$100,000.00	New CNG Station - Perris	\$0.00	Yes
MS11019	City of Corona	11/29/2012	4/28/2020		\$225,000.00	\$225,000.00	Expansion of Existing CNG Station	\$0.00	Yes
MS11055	KEC Engineering	2/3/2012	8/2/2018	8/2/2019	\$200,000.00	\$200,000.00	Repower 5 H.D. Off-Road Vehicles	\$0.00	Yes
MS11060	Rowland Unified School District	8/17/2012	1/16/2019	1/16/2020	\$175,000.00	\$175,000.00	New Limited Access CNG Station	\$0.00	Yes
MS11066	Torrance Unified School District	11/19/2012	9/18/2018		\$42,296.00	\$42,296.00	Expansion of Existing CNG Station	\$0.00	Yes
MS11067	City of Redlands	5/24/2012	11/23/2018	11/23/2019	\$85,000.00	\$85,000.00	Expansion of Existing CNG Station	\$0.00	Yes
MS11068	Ryder System Inc.	7/28/2012	10/27/2018		\$175,000.00	\$175,000.00	New Public Access L/CNG Station (Fontana)	\$0.00	Yes
MS11069	Ryder System Inc.	7/28/2012	8/27/2018		\$175,000.00	\$175,000.00	New Public Access L/CNG Station (Orange)	\$0.00	Yes
MS11071	City of Torrance Transit Department	12/22/2012	1/21/2019	1/21/2020	\$175,000.00	\$166,250.00	New Limited Access CNG Station	\$8,750.00	Yes
MS11073	Los Angeles Unified School District	9/11/2015	2/10/2022		\$175,000.00	\$175,000.00	Expansion of Existing CNG Station	\$0.00	Yes
MS11079	Bear Valley Unified School District	2/5/2013	10/4/2019		\$175,000.00	\$175,000.00	New Limited Access CNG Station	\$0.00	Yes

Total: 33

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

FY 2011-2012 Contracts

Open Contracts

ML12014	City of Santa Ana	11/8/2013	8/7/2020		\$384,000.00	\$4,709.00	9 H.D. Nat. Gas & LPG Trucks, EV Charging	\$379,291.00	No
ML12018	City of West Covina	10/18/2013	10/17/2020	8/17/2023	\$300,000.00	\$0.00	Expansion of Existing CNG Station	\$300,000.00	No
ML12043	City of Hemet	6/24/2013	9/23/2019		\$60,000.00	\$0.00	Two Heavy-Duty Nat. Gas Vehicles	\$60,000.00	No
ML12045	City of Baldwin Park DPW	2/14/2014	12/13/2020	6/13/2022	\$400,000.00	\$0.00	Install New CNG Station	\$400,000.00	No
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
ML12057	City of Coachella	8/28/2013	8/27/2019	1/27/2022	\$57,456.00	\$40,375.80	Purchase One Nat. Gas H.D. Vehicle/Street	\$17,080.20	No
ML12090	City of Palm Springs	10/9/2015	10/8/2021		\$21,163.00	\$0.00	EV Charging Infrastructure	\$21,163.00	No
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	No
MS12060	City of Santa Monica	4/4/2014	8/3/2017	8/3/2018	\$500,000.00	\$434,202.57	Implement Westside Bikeshare Program	\$65,797.43	No
MS12077	City of Coachella	6/14/2013	6/13/2020		\$225,000.00	\$0.00	Construct New CNG Station	\$225,000.00	No
MS12083	Brea Olinda Unified School District	7/30/2015	2/29/2024		\$59,454.00	\$59,454.00	Install New CNG Infrastructure	\$0.00	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: 12

Declined/Cancelled Contracts

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

Total: 12

Closed Contracts

ML12013	City of Pasadena	10/19/2012	3/18/2015	9/18/2015	\$200,000.00	\$65,065.00	Electric Vehicle Charging Infrastructure	\$134,935.00	Yes
ML12019	City of Palm Springs	9/6/2013	7/5/2015		\$38,000.00	\$16,837.00	EV Charging Infrastructure	\$21,163.00	Yes
ML12021	City of Rancho Cucamonga	9/14/2012	1/13/2020		\$40,000.00	\$40,000.00	Four Medium-Duty Nat. Gas Vehicles	\$0.00	Yes
ML12023	County of Los Angeles Internal Servi	8/1/2013	2/28/2015		\$250,000.00	\$192,333.00	EV Charging Infrastructure	\$57,667.00	Yes
ML12037	Coachella Valley Association of Gov	3/14/2013	3/13/2014		\$250,000.00	\$250,000.00	Street Sweeping Operations	\$0.00	Yes
ML12041	City of Anaheim Public Utilities Depa	4/4/2014	11/3/2015	11/3/2017	\$68,977.00	\$38,742.16	EV Charging Infrastructure	\$30,234.84	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
ML12049	City of Rialto Public Works	7/14/2014	9/13/2015		\$30,432.00	\$3,265.29	EV Charging Infrastructure	\$27,166.71	Yes
ML12050	City of Baldwin Park	4/25/2013	4/24/2014	10/24/2014	\$402,400.00	\$385,363.00	EV Charging Infrastructure	\$17,037.00	Yes
ML12054	City of Palm Desert	9/30/2013	2/28/2015		\$77,385.00	\$77,385.00	EV Charging Infrastructure	\$0.00	Yes
ML12056	City of Cathedral City	3/26/2013	5/25/2014		\$25,000.00	\$25,000.00	Regional Street Sweeping Program	\$0.00	Yes
ML12066	City of Manhattan Beach	1/7/2014	4/6/2015		\$5,900.00	\$5,900.00	Electric Vehicle Charging Infrastructure	\$0.00	Yes
MS12001	Los Angeles County MTA	7/1/2012	4/30/2013		\$300,000.00	\$211,170.00	Clean Fuel Transit Service to Dodger Stadium	\$88,830.00	Yes
MS12002	Orange County Transportation Autho	9/7/2012	4/30/2013		\$342,340.00	\$333,185.13	Express Bus Service to Orange County Fair	\$9,154.87	Yes
MS12003	Orange County Transportation Autho	7/20/2012	2/28/2013		\$234,669.00	\$167,665.12	Implement Metrolink Service to Angel Stadium	\$67,003.88	Yes
MS12005	USA Waste of California, Inc.	10/19/2012	8/18/2013		\$75,000.00	\$75,000.00	Vehicle Maintenance Facility Modifications	\$0.00	Yes
MS12006	Waste Management Collection & Re	10/19/2012	8/18/2013		\$75,000.00	\$75,000.00	Vehicle Maintenance Facility Modifications	\$0.00	Yes
MS12012	Rim of the World Unified School Dist	12/20/2012	5/19/2014		\$75,000.00	\$75,000.00	Vehicle Maintenance Facility Modifications	\$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
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
MS12087	Los Angeles County MTA	8/29/2013	11/28/2015		\$125,000.00	\$125,000.00	Implement Rideshare Incentives Program	\$0.00	Yes
MS12088	Orange County Transportation Autho	12/6/2013	3/5/2016		\$125,000.00	\$18,496.50	Implement Rideshare Incentives Program	\$106,503.50	Yes
MS12089	Riverside County Transportation Co	10/18/2013	9/17/2015		\$249,136.00	\$105,747.48	Implement Rideshare Incentives Program	\$143,388.52	No
MS12Hom	Mansfield Gas Equipment Systems				\$296,000.00	\$0.00	Home Refueling Apparatus Incentive Progra	\$296,000.00	No

Total: 33

Closed/Incomplete Contracts

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

Total: 1

Open/Complete Contracts

ML12015	City of Fullerton	4/25/2013	11/24/2020	11/24/2021	\$40,000.00	\$40,000.00	HD CNG Vehicle, Expand CNG Station	\$0.00	Yes
ML12017	City of Los Angeles, Bureau of Sanit	6/26/2013	5/25/2020	11/25/2021	\$950,000.00	\$950,000.00	32 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML12020	City of Los Angeles, Department of	9/27/2012	3/26/2019	3/26/2020	\$450,000.00	\$450,000.00	15 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML12022	City of La Puente	12/6/2013	6/5/2020		\$110,000.00	\$110,000.00	2 Medium-Duty and Three Heavy-Duty CNG	\$0.00	Yes
ML12039	City of Redlands	2/8/2013	10/7/2019		\$90,000.00	\$90,000.00	Three Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML12046	City of Irvine	8/11/2013	3/10/2021		\$30,000.00	\$30,000.00	One Heavy-Duty Nat. Gas Vehicle	\$0.00	Yes
ML12047	City of Orange	2/1/2013	1/31/2019		\$30,000.00	\$30,000.00	One Heavy-Duty Nat. Gas Vehicle	\$0.00	Yes
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
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
MS12009	Sysco Food Services of Los Angeles	1/7/2014	4/6/2020		\$150,000.00	\$150,000.00	Construct New Public-Access LNG Station	\$0.00	Yes
MS12010	Murrieta Valley Unified School District	4/5/2013	9/4/2019		\$242,786.00	\$242,786.00	Construct New Limited-Access CNG Station	\$0.00	Yes
MS12011	Southern California Gas Company	6/14/2013	6/13/2019	5/28/2021	\$150,000.00	\$150,000.00	Construct New Public-Access CNG Station -	\$0.00	Yes
MS12024	Southern California Gas Company	6/13/2013	12/12/2019	11/12/2020	\$150,000.00	\$150,000.00	Construct New Public-Access CNG Station -	\$0.00	Yes
MS12025	Silverado Stages, Inc.	11/2/2012	7/1/2018		\$150,000.00	\$150,000.00	Purchase Six Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12026	U-Haul Company of California	3/14/2013	3/13/2019		\$500,000.00	\$353,048.26	Purchase 23 Medium-Heavy Duty Vehicles	\$146,951.74	Yes
MS12028	Dy-Dee Service of Pasadena, Inc.	12/22/2012	1/21/2019		\$45,000.00	\$40,000.00	Purchase 2 Medium-Duty and 1 Medium-He	\$5,000.00	Yes
MS12029	Community Action Partnership of Or	11/2/2012	11/1/2018		\$25,000.00	\$14,850.00	Purchase 1 Medium-Heavy Duty Vehicle	\$10,150.00	Yes
MS12031	Final Assembly, Inc.	11/2/2012	11/1/2018		\$50,000.00	\$32,446.00	Purchase 2 Medium-Heavy Duty Vehicles	\$17,554.00	Yes
MS12032	Fox Transportation	12/14/2012	12/13/2018		\$500,000.00	\$500,000.00	Purchase 20 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12033	Mike Diamond/Phace Management	12/22/2012	12/21/2018	6/21/2021	\$148,900.00	\$148,900.00	Purchase 20 Medium-Heavy Duty Vehicles	\$0.00	No
MS12034	Ware Disposal Company, Inc.	11/2/2012	11/1/2018	5/1/2022	\$133,070.00	\$133,070.00	Purchase 8 Medium-Heavy Duty Vehicles	\$0.00	No
MS12035	Disneyland Resort	1/4/2013	7/3/2019		\$25,000.00	\$18,900.00	Purchase 1 Medium-Heavy Duty Vehicle	\$6,100.00	Yes
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
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
MS12071	Transit Systems Unlimited, Inc.	5/17/2013	12/16/2018		\$21,250.00	\$21,250.00	Expansion of Existing CNG Station	\$0.00	Yes
MS12072	99 Cents Only Stores	4/5/2013	9/4/2019		\$100,000.00	\$100,000.00	Construct New CNG Station	\$0.00	Yes
MS12073	FirstCNG, LLC	7/27/2013	12/26/2019		\$150,000.00	\$150,000.00	Construct New CNG Station	\$0.00	Yes
MS12074	Arcadia Unified School District	7/5/2013	9/4/2019		\$175,000.00	\$175,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS12075	CR&R Incorporated	7/27/2013	1/26/2021	1/26/2022	\$100,000.00	\$100,000.00	Expansion of Existing CNG Infrastructure	\$0.00	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
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

Total: 33

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
FY 2012-2014 Contracts									
Open Contracts									
ML14012	City of Santa Ana	2/13/2015	10/12/2021		\$244,000.00	\$0.00	EV Charging and 7 H.D. LPG Vehicles	\$244,000.00	No
ML14018	City of Los Angeles, 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
ML14019	City of Corona Public Works	12/5/2014	6/4/2020	3/6/2023	\$178,263.00	\$15,468.52	EV Charging, Bicycle Racks, Bicycle Locker	\$162,794.48	No
ML14021	Riverside County Regional Park and	7/24/2014	12/23/2016	9/23/2018	\$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	9/1/2018	\$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	9/1/2018	\$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		\$300,000.00	\$0.00	Construct New CNG Station in Malibu	\$300,000.00	No
ML14026	County of Los Angeles Dept of Publi	10/2/2015	5/1/2023	5/1/2024	\$300,000.00	\$0.00	Construct New CNG Station in Castaic	\$300,000.00	No
ML14027	County of Los Angeles Dept of Publi	10/2/2015	5/1/2023	6/1/2024	\$500,000.00	\$0.00	Construct New CNG Station in Canyon Coun	\$500,000.00	No
ML14030	County of Los Angeles Internal Servi	1/9/2015	3/8/2018	6/8/2019	\$425,000.00	\$25,000.00	Bicycle Racks, Outreach & Education	\$400,000.00	No
ML14033	City of Irvine	7/11/2014	2/10/2021		\$60,000.00	\$0.00	Purchase 2 H.D. CNG Vehicles	\$60,000.00	No
ML14049	City of Moreno Valley	7/11/2014	3/10/2021		\$105,000.00	\$48,250.00	One HD Nat Gas Vehicle, EV Charging, Bicy	\$56,750.00	No
ML14055	City of Highland	10/10/2014	3/9/2018	3/9/2019	\$500,000.00	\$0.00	Bicycle Lanes and Outreach	\$500,000.00	No
ML14056	City of Redlands	9/5/2014	5/4/2016	5/4/2018	\$125,000.00	\$125,000.00	Bicycle Lanes	\$0.00	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
ML14062	City of San Fernando	3/27/2015	5/26/2021		\$387,091.00	\$0.00	Expand Existing CNG Fueling Station	\$387,091.00	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
ML14067	City of Duarte	12/4/2015	1/3/2023	6/3/2024	\$60,000.00	\$0.00	Purchase Two Electric Buses	\$60,000.00	No
ML14068	City of South Pasadena	9/12/2014	10/11/2015	1/11/2020	\$10,183.00	\$0.00	Electric Vehicle Charging Infrastructure	\$10,183.00	No
ML14069	City of Beaumont	3/3/2017	3/2/2025		\$200,000.00	\$0.00	Construct New CNG Infrastructure	\$200,000.00	No
ML14070	City of Rancho Cucamonga	9/3/2016	12/2/2018		\$365,245.00	\$0.00	Bicycle Trail Improvements	\$365,245.00	No
ML14072	City of Cathedral City	8/13/2014	1/12/2021		\$136,000.00	\$0.00	Medium & H.D. Vehicles, EV Charging, Bike	\$136,000.00	No
ML14093	County of Los Angeles Dept of Publi	8/14/2015	1/13/2019		\$150,000.00	\$0.00	San Gabriel BikeTrail Underpass Improveme	\$150,000.00	No
ML14094	City of Yucaipa	6/9/2017	6/8/2018		\$84,795.00	\$84,795.00	Installation of Bicycle Lanes	\$0.00	No
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	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		\$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	\$0.00	Implement Various Signal Synchronization P	\$1,250,000.00	No
MS14075	Fullerton Joint Union High School Di	7/22/2016	11/21/2023		\$300,000.00	\$300,000.00	Expansion of Existing CNG Infrastructure/Ma	\$0.00	No
MS14076	Rialto Unified School District	6/17/2015	2/16/2022		\$225,000.00	\$225,000.00	New Public Access CNG Station	\$0.00	No
MS14079	Waste Resources, Inc.	9/14/2016	8/13/2022	8/13/2023	\$100,000.00	\$0.00	New Limited Access CNG Station	\$100,000.00	No
MS14082	Grand Central Recycling & Transfer	12/4/2015	3/3/2023	3/3/2024	\$150,000.00	\$0.00	Construct New Public Access CNG Station	\$150,000.00	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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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: 35									
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									
ML14010	City of Cathedral City	8/13/2014	10/12/2015		\$25,000.00	\$25,000.00	Street Sweeping Operations	\$0.00	Yes
ML14011	City of Palm Springs	6/13/2014	1/12/2016		\$79,000.00	\$78,627.00	Bicycle Racks, Bicycle Outreach & Educatio	\$373.00	Yes
ML14015	Coachella Valley Association of Gov	6/6/2014	9/5/2015		\$250,000.00	\$250,000.00	Street Sweeping Operations	\$0.00	Yes
ML14020	County of Los Angeles Dept of Publi	8/13/2014	1/12/2018		\$150,000.00	\$0.00	San Gabriel BikeTrail Underpass Improveme	\$150,000.00	No
ML14029	City of Irvine	7/11/2014	6/10/2017		\$90,500.00	\$71,056.78	Bicycle Trail Improvements	\$19,443.22	Yes
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
ML14065	City of Orange	9/5/2014	8/4/2015		\$10,000.00	\$10,000.00	Electric Vehicle Charging Infrastructure	\$0.00	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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
Total: 23									
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
Total: 1									
Open/Complete Contracts									
ML14013	City of Los Angeles, Bureau of Sanit	10/7/2016	2/6/2025		\$400,000.00	\$400,000.00	Purchase 14 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML14014	City of Torrance	9/5/2014	12/4/2019		\$56,000.00	\$56,000.00	EV Charging Infrastructure	\$0.00	Yes
ML14016	City of Anaheim	4/3/2015	9/2/2021		\$380,000.00	\$380,000.00	Purchase 2 H.D. Vehicles, Expansion of Exi	\$0.00	Yes
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
ML14034	City of Lake Elsinore	9/5/2014	5/4/2021		\$56,700.00	\$56,700.00	EV Charging Stations	\$0.00	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
ML14061	City of La Habra	3/11/2016	3/10/2022		\$41,600.00	\$41,270.49	Purchase Two Heavy-Duty Nat. Gas Vehicle	\$329.51	Yes
ML14064	City of Claremont	7/11/2014	7/10/2020	1/10/2021	\$60,000.00	\$60,000.00	Purchase Two Heavy-Duty Nat. Gas Vehicle	\$0.00	Yes
ML14071	City of Manhattan Beach	1/9/2015	11/8/2018		\$22,485.00	\$22,485.00	Electric Vehicle Charging Infrastructure	\$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
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
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: 25									

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									
ML16005	City of Palm Springs	3/4/2016	10/3/2017		\$40,000.00	\$0.00	Install Bicycle Racks, and Implement Bicycl	\$40,000.00	No
ML16006	City of Cathedral City	4/27/2016	4/26/2022		\$55,000.00	\$0.00	Purchase 1 H.D. Nat. Gas Vehicle, Bicycle	\$55,000.00	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	11/19/2023	\$60,000.00	\$0.00	Purchase 4 Medium-Duty and 9 Heavy-Duty	\$60,000.00	No
ML16009	City of Fountain Valley	10/6/2015	2/5/2018	2/5/2019	\$46,100.00	\$0.00	Install EV Charging Infrastructure	\$46,100.00	No
ML16010	City of Fullerton	10/7/2016	4/6/2023		\$370,500.00	\$0.00	Expand Existing CNG Station, EV Charging I	\$370,500.00	No
ML16013	City of Monterey Park	12/4/2015	7/3/2022	7/3/2023	\$90,000.00	\$0.00	Purchase 3 Heavy-Duty Nat. Gas Vehicles	\$90,000.00	No
ML16016	City of Los Angeles, Department of	2/5/2016	12/4/2022		\$630,000.00	\$540,000.00	Purchase 21 Heavy-Duty Nat. Gas Vehicles	\$90,000.00	No
ML16017	City of Long Beach	2/5/2016	8/4/2023		\$1,445,400.00	\$951,400.00	Purchase 50 Medium-Duty, 19 H.D. Nat. Ga	\$494,000.00	No
ML16018	City of Hermosa Beach	10/7/2016	1/6/2023		\$29,520.00	\$0.00	Purchase 2 M.D. Nat. Gas Vehicles, Bicycle	\$29,520.00	No
ML16019	City of Los Angeles, Dept of General	1/25/2017	3/24/2020		\$102,955.00	\$0.00	Install EV Charging Infrastructure	\$102,955.00	No
ML16020	City of Pomona	4/1/2016	2/1/2018	8/1/2018	\$440,000.00	\$0.00	Install Road Surface Bicycle Detection Syste	\$440,000.00	No
ML16021	City of Santa Clarita	10/7/2016	6/6/2024		\$49,400.00	\$0.00	Install EV Charging Infrastructure	\$49,400.00	No
ML16022	Los Angeles Department of Water an	5/5/2017	3/4/2024		\$360,000.00	\$0.00	Purchase 13 H.D. Nat. Gas Vehicles	\$360,000.00	No
ML16025	City of South Pasadena	6/22/2016	4/21/2023		\$180,535.00	\$0.00	Purchase H.D. Nat. Gas Vehicle, Expand Ex	\$180,535.00	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	10/10/2019	\$500,000.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$500,000.00	No
ML16036	City of Brea	3/4/2016	12/3/2018		\$500,000.00	\$0.00	Install a Class 1 Bikeway	\$500,000.00	No
ML16038	City of Palm Springs	4/1/2016	7/31/2022		\$230,000.00	\$0.00	Install Bicycle Lanes & Purchase 4 Heavy-D	\$230,000.00	No
ML16039	City of Torrance Transit Department	1/6/2017	9/5/2022		\$32,000.00	\$0.00	Install EV Charging Infrastructure	\$32,000.00	No
ML16040	City of Eastvale	1/6/2017	7/5/2022		\$110,000.00	\$0.00	Install EV Charging Infrastructure	\$110,000.00	No
ML16041	City of Moreno Valley	9/3/2016	1/2/2021	1/2/2022	\$20,000.00	\$0.00	Install EV Charging Infrastructure	\$20,000.00	No
ML16042	City of San Dimas	4/1/2016	12/31/2019	12/31/2020	\$55,000.00	\$0.00	Install EV Charging Infrastructure	\$55,000.00	No
ML16045	City of Anaheim	6/22/2016	8/21/2019		\$275,000.00	\$0.00	Maintenance Facility Modifications	\$275,000.00	No
ML16046	City of El Monte	4/1/2016	5/31/2021	5/31/2023	\$20,160.00	\$0.00	Install EV Charging Infrastructure	\$20,160.00	No
ML16047	City of Fontana	1/6/2017	8/5/2019		\$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		\$315,576.00	\$0.00	Install Two Class 1 Bikeways	\$315,576.00	No
ML16053	City of Claremont	3/11/2016	7/10/2018		\$498,750.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$498,750.00	No
ML16054	City of Yucaipa	3/26/2016	7/26/2018		\$120,000.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$120,000.00	No
ML16056	City of Ontario	3/23/2016	9/22/2020	9/22/2021	\$150,000.00	\$0.00	Expansion of an Existing CNG Station	\$150,000.00	No
ML16057	City of Yucaipa	4/27/2016	1/26/2019		\$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
ML16060	City of Cudahy	2/5/2016	10/4/2017		\$73,910.00	\$0.00	Implement an "Open Streets" Event	\$73,910.00	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML16064	County of Orange, OC Parks	2/21/2017	10/20/2018		\$204,073.00	\$73,585.00	Implement "Open Streets" Events with Vario	\$130,488.00	No
ML16066	City of Long Beach Public Works	1/13/2017	9/12/2018		\$75,050.00	\$0.00	Implement an "Open Streets" Event	\$75,050.00	No
ML16068	Riverside County Dept of Public Heal	12/2/2016	8/1/2018		\$171,648.00	\$84,106.00	Implement an "Open Streets" Events with V	\$87,542.00	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	\$90,000.00	Purchase 3 H.D. Nat. Gas Vehicles	\$0.00	No
ML16071	City of Highland	5/5/2017	1/4/2020		\$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		\$354,000.00	\$0.00	Install a Class 1 Bikeway	\$354,000.00	No
ML16076	City of San Fernando	2/21/2017	8/20/2021		\$100,000.00	\$0.00	Install EV Charging Infrastructure	\$100,000.00	No
ML16077	City of Rialto	5/3/2018	10/2/2021		\$463,216.00	\$0.00	Pedestrian Access Improvements, Bicycle L	\$463,216.00	No
ML16083	City of El Monte	4/1/2016	4/30/2021	4/30/2023	\$57,210.00	\$0.00	Install EV Charging Infrastructure	\$57,210.00	No
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	No
MS16029	Orange County Transportation Autho	1/12/2018	6/11/2020		\$851,883.00	\$0.00	Transportation Control Measure Partnership	\$851,883.00	No
MS16030	The Better World Group	12/19/2015	12/31/2017	12/31/2019	\$256,619.00	\$119,288.69	Programmic Outreach Services to the MSR	\$137,330.31	No
MS16082	Riverside County Transportation Co	9/3/2016	8/2/2018		\$590,759.00	\$257,160.13	Extended Freeway Service Patrols	\$333,598.87	No
MS16086	San Bernardino County Transportatio	9/3/2016	10/2/2021		\$800,625.00	\$143,833.05	Freeway Service Patrols	\$656,791.95	No
MS16087	Burrtec Waste & Recycling Services,	7/8/2016	3/7/2023		\$100,000.00	\$0.00	Construct New Limited-Access CNG Station	\$100,000.00	No
MS16090	Los Angeles County MTA	10/27/2016	4/26/2020		\$2,500,000.00	\$0.00	Expansion of the Willowbrook/Rosa Parks Tr	\$2,500,000.00	No
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
MS16092	San Bernardino County Transportatio	2/3/2017	1/2/2019		\$250,000.00	\$84,744.00	Implement a Series of "Open Streets" Event	\$165,256.00	No
MS16093	Orange County Transportation Autho	9/3/2016	3/2/2018	9/2/2018	\$1,553,657.00	\$0.00	Implement a Mobile Ticketing System	\$1,553,657.00	No
MS16094	Riverside County Transportation Co	1/25/2017	1/24/2022		\$1,909,241.00	\$0.00	MetroLink First Mile/Last Mile Mobility Strate	\$1,909,241.00	No
MS16096	San Bernardino County Transportatio	10/27/2016	12/26/2019		\$450,000.00	\$0.00	EV Charging Infrastructure	\$450,000.00	No
MS16097	Walnut Valley Unified School District	10/7/2016	11/6/2022		\$250,000.00	\$175,000.00	Expand CNG Station & Modify Maintenance	\$75,000.00	No
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	No
MS16102	Nasa Services, Inc.	2/21/2017	4/20/2023		\$100,000.00	\$0.00	Construct a Limited-Access CNG Station	\$100,000.00	No
MS16103	Arrow Services, Inc.	2/3/2017	4/2/2023		\$100,000.00	\$90,000.00	Construct a Limited-Access CNG Station	\$10,000.00	No
MS16105	Huntington Beach Union High School	3/3/2017	7/2/2024		\$175,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$175,000.00	No
MS16110	City of Riverside	10/6/2017	2/5/2025		\$300,000.00	\$0.00	Expansion of Existing CNG Station and Mai	\$300,000.00	No
MS16112	Orange County Transportation Autho	4/14/2017	3/13/2024		\$1,470,000.00	\$0.00	Repower Up to 98 Transit Buses	\$1,470,000.00	No
MS16113	Los Angeles County MTA	5/12/2017	4/11/2024		\$1,875,000.00	\$0.00	Repower Up to 125 Transit Buses	\$1,875,000.00	No
MS16114	City of Norwalk	3/3/2017	6/2/2024		\$45,000.00	\$32,170.00	Repower 3 Transit Buses	\$12,830.00	No
MS16115	City of Santa Monica	4/14/2017	7/13/2025		\$870,000.00	\$0.00	Repower 58 Transit Buses	\$870,000.00	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		\$600,000.00	\$0.00	Purchase 40 New Transit Buses with Near-Z	\$600,000.00	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
Total: 71									
Pending Execution Contracts									
ML16122	City of Wildomar				\$500,000.00	\$0.00	Install Bicycle Lanes	\$500,000.00	No
MS16106	City of Lawndale				\$175,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$175,000.00	No
MS16111	VNG 5703 Gage Avenue, LLC				\$150,000.00	\$0.00	Construct Public Access CNG Station in Pla	\$150,000.00	No
Total: 3									
Declined/Cancelled Contracts									
ML16014	City of Dana Point				\$153,818.00	\$0.00	Extend an Existing Class 1 Bikeway	\$153,818.00	No
ML16065	City of Temple City				\$500,000.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$500,000.00	No
ML16067	City of South El Monte				\$73,329.00	\$0.00	Implement an "Open Streets" Event	\$73,329.00	No
ML16074	City of La Verne	7/22/2016	1/21/2023		\$365,000.00	\$0.00	Install CNG Fueling Station	\$365,000.00	No
MS16043	LBA Realty Company LLC				\$100,000.00	\$0.00	Install Limited-Access CNG Station	\$100,000.00	No
MS16080	Riverside County Transportation Co				\$1,200,000.00	\$0.00	Passenger Rail Service for Coachella and St	\$1,200,000.00	No
MS16098	Long Beach Transit				\$198,957.00	\$0.00	Provide Special Bus Service to Stub Hub Ce	\$198,957.00	No
MS16104	City of Perris				\$175,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$175,000.00	No
MS16107	Athens Services				\$100,000.00	\$0.00	Construct a Limited-Access CNG Station	\$100,000.00	No
MS16108	VNG 5703 Gage Avenue, LLC				\$150,000.00	\$0.00	Construct Public-Access CNG Station in Bell	\$150,000.00	No
MS16109	Sanitation Districts of Los Angeles C				\$275,000.00	\$0.00	Expansion of an Existing L/CNG Station	\$275,000.00	No
Total: 11									
Closed Contracts									
ML16015	City of Yorba Linda	3/4/2016	11/3/2017		\$85,000.00	\$85,000.00	Install Bicycle Lanes	\$0.00	No
ML16026	City of Downey	5/6/2016	9/5/2017		\$40,000.00	\$40,000.00	Install EV Charging Infrastructure	\$0.00	No
ML16028	City of Azusa	9/9/2016	4/8/2018		\$25,000.00	\$25,000.00	Enhance Existing Class 1 Bikeway	\$0.00	Yes
ML16031	City of Cathedral City	12/19/2015	2/18/2017		\$25,000.00	\$25,000.00	Street Sweeping in Coachella Valley	\$0.00	Yes
ML16033	Coachella Valley Association of Gov	4/27/2016	4/26/2018		\$250,000.00	\$250,000.00	Street Sweeping Operations in Coachella Va	\$0.00	Yes
ML16035	City of Wildomar	4/1/2016	11/1/2017		\$500,000.00	\$0.00	Install Bicycle Lanes	\$500,000.00	No
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
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
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
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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: 18

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
ML16023	City of Banning	12/11/2015	12/10/2021		\$30,000.00	\$30,000.00	Purchase 1 H.D. Nat. Gas Vehicle	\$0.00	Yes
ML16024	City of Azusa	4/27/2016	2/26/2022		\$30,000.00	\$30,000.00	Purchase 1 H.D. Nat. Gas Vehicle	\$0.00	Yes
ML16027	City of Whittier	1/8/2016	11/7/2022		\$30,000.00	\$30,000.00	Purchase 1 H.D. Nat. Gas Vehicle	\$0.00	Yes
ML16037	City of Rancho Cucamonga	2/5/2016	11/4/2022		\$30,000.00	\$30,000.00	Purchase One Heavy-Duty Natural Gas Vehi	\$0.00	Yes
ML16050	City of Westminster	5/6/2016	7/5/2020	5/5/2022	\$115,000.00	\$93,925.19	Installation of EV Charging Infrastructure	\$21,074.81	No
ML16055	City of Ontario	5/6/2016	5/5/2022		\$270,000.00	\$270,000.00	Purchase Nine Heavy-Duty Natural-Gas Veh	\$0.00	Yes
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		\$25,000.00	\$21,003.82	Installation of EV Charging Infrastructure	\$3,996.18	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
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
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
MS16116	Riverside Transit Agency	3/3/2017	1/2/2023		\$10,000.00	\$9,793.00	Repower One Transit Bus	\$207.00	No

Total: 17

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

FY 2016-2018 Contracts

Open Contracts

ML18019	City of Hidden Hills	5/3/2018	5/2/2022		\$49,999.00	\$10,000.00	Purchase Two Light-Duty ZEVs and EVSE	\$39,999.00	No
ML18020	City of Colton	5/3/2018	4/2/2024		\$67,881.00	\$0.00	Purchase One Medium-Duty and One Heavy	\$67,881.00	No
ML18021	City of Signal Hill	4/6/2018	1/5/2022		\$49,661.00	\$0.00	Install EVSE	\$49,661.00	No
ML18022	City of Desert Hot Springs	5/3/2018	1/2/2020		\$50,000.00	\$0.00	Traffic Signal and Synchronization Project	\$50,000.00	No
MS18001	Los Angeles County MTA	6/29/2017	4/30/2018		\$807,945.00	\$0.00	Provide Clean Fuel Transit Service to Dodge	\$807,945.00	No
MS18002	Southern California Association of G	6/9/2017	11/30/2018		\$2,500,000.00	\$0.00	Regional Active Transportation Partnership	\$2,500,000.00	No
MS18003	Geographics	2/21/2017	2/20/2021		\$56,953.00	\$47,879.86	Design, Host and Maintain MSRC Website	\$9,073.14	No
MS18004	Orange County Transportation Autho	8/3/2017	4/30/2019		\$503,272.00	\$0.00	Provide Special Rail Service to Angel Stadiu	\$503,272.00	No
MS18005	Orange County Transportation Autho	1/5/2018	4/30/2019		\$834,222.00	\$405,709.29	Clean Fuel Bus Service to OC Fair	\$428,512.71	No
MS18006	Anaheim Transportation Network	10/6/2017	2/28/2020		\$219,564.00	\$0.00	Implement Anaheim Circulator Service	\$219,564.00	No
MS18008	Foothill Transit	1/12/2018	3/31/2019		\$100,000.00	\$0.00	Special Transit Service to LA County Fair	\$100,000.00	No
MS18010	Southern California Regional Rail Au	12/28/2017	7/31/2019		\$351,186.00	\$0.00	Implement Special Metrolink Service to Unio	\$351,186.00	No
MS18011	Southern California Regional Rail Au	2/9/2018	6/30/2018		\$239,565.00	\$0.00	Special Train Service to Festival of Lights	\$239,565.00	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

Total: 14

Pending Execution Contracts

ML18028	City of Artesia				\$50,000.00	\$0.00	Install EVSE	\$50,000.00	No
ML18030	City of Grand Terrace				\$45,000.00	\$0.00	Install EVSE	\$45,000.00	No
ML18031	City of Diamond Bar				\$73,930.00	\$0.00	Install EVSE, Purchase up to 2-LD Vehicles	\$73,930.00	No
ML18032	City of Arcadia				\$74,650.00	\$0.00	Purchase 1-HD ZEV & 1-HD Near-ZEV	\$74,650.00	No
ML18033	City of Duarte				\$50,000.00	\$0.00	Purchase 1-HD ZEV	\$50,000.00	No
ML18034	City of Calabasas				\$50,000.00	\$0.00	Install EVSE	\$50,000.00	No
ML18035	City of Westlake Village				\$50,000.00	\$0.00	Install EVSE	\$50,000.00	No
ML18036	City of Indian Wells				\$50,000.00	\$0.00	Install EVSE	\$50,000.00	No
ML18037	City of Westminster				\$120,900.00	\$0.00	Install EVSE, Purchase up to 3-LD ZEV & 1-	\$120,900.00	No
ML18038	City of Anaheim				\$221,500.00	\$0.00	Purchase 5 Light-Duty ZEVs and Install EVS	\$221,500.00	No
ML18039	City of Redlands				\$87,000.00	\$0.00	Purchase 1 Medium/Heavy-Duty ZEV and In	\$87,000.00	No
ML18040	City of Agoura Hills				\$50,000.00	\$0.00	Install EV Charging Infrastructure	\$50,000.00	No
ML18041	City of West Hollywood				\$50,000.00	\$0.00	Install EV Charging Infrastructure	\$50,000.00	No
ML18042	City of San Fernando				\$10,000.00	\$0.00	Purchase 1 Light-Duty ZEV	\$10,000.00	No
ML18043	City of Yorba Linda				\$87,990.00	\$0.00	Install EV Charging Infrastructure	\$87,990.00	No
ML18044	City of Malibu				\$50,000.00	\$0.00	Install EV Charging Infrastructure	\$50,000.00	No
ML18045	City of Culver City Transportation De				\$51,000.00	\$0.00	Purchase 8 Heavy-Duty Near-ZEVs	\$51,000.00	No
ML18046	City of Santa Ana				\$365,000.00	\$0.00	Purchase 6 Light-Duty ZEVs, 9 Heavy-Duty	\$365,000.00	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML18047	City of Whittier				\$113,910.00	\$0.00	Purchase 5 Heavy-Duty Near ZEVs	\$113,910.00	No
ML18048	City of Lynwood				\$93,500.00	\$0.00	Purchase Up to 3 Medium H.D. Zero-Emissi	\$93,500.00	No
ML18049	City of Downey				\$148,260.00	\$0.00	Install EVSE	\$148,260.00	No
ML18050	City of Irvine				\$330,490.00	\$0.00	Purchase 1 Medium/Heavy-Duty ZEV and In	\$330,490.00	No
ML18051	City of Rancho Cucamonga				\$227,040.00	\$0.00	Purchase 9 Light-Duty ZEVs, 2 Med-Duty Z	\$227,040.00	No
ML18052	City of Garden Grove				\$53,593.00	\$0.00	Purchase 4 L.D. ZEVs and Infrastructure	\$53,593.00	No
ML18053	City of Paramount				\$72,580.00	\$0.00	Install EV Charging Infrastructure	\$72,580.00	No
ML18054	City of La Habra Heights				\$9,200.00	\$0.00	Purchase 1 L.D. ZEV	\$9,200.00	No
ML18055	City of Long Beach Fleet Services B				\$622,220.00	\$0.00	Install EVSE	\$622,220.00	No
ML18056	City of Chino				\$103,868.00	\$0.00	Install EV Charging Infrastructure	\$103,868.00	No
ML18057	City of Carson				\$106,250.00	\$0.00	Purchase 5 Zero-Emission Vehicles and Infr	\$106,250.00	No
ML18058	City of Perris				\$86,174.00	\$0.00	Purchase 1 Med. H.D. ZEV and EV Chargin	\$86,174.00	No
ML18059	City of Glendale Water & Power				\$260,500.00	\$0.00	Install Electric Vehicle Charging Infrastructur	\$260,500.00	No
ML18060	County of Los Angeles Internal Servi				\$1,367,610.00	\$0.00	Purchase 29 Light-Duty ZEVs, 1 Med/Heavy	\$1,367,610.00	No
ML18061	City of Moreno Valley				\$25,000.00	\$0.00	Purchase 1 Heavy-Duty Near-ZEV	\$25,000.00	No
ML18062	City of Beaumont				\$25,000.00	\$0.00	Purchase 1 Heavy-Duty Near-ZEV	\$25,000.00	No
ML18063	City of Riverside				\$383,610.00	\$0.00	Expand Existing CNG Fueling Station	\$383,610.00	No
ML18064	City of Eastvale				\$80,400.00	\$0.00	Purchase 2 Med. H.D. Zero Emission Vehicl	\$80,400.00	No
ML18067	City of Pico Rivera				\$83,500.00	\$0.00	Instal EVSE	\$83,500.00	No
ML18068	City of Mission Viejo				\$115,690.00	\$0.00	Purchase 2 Light-Duty ZEVs, Install EVSE &	\$115,690.00	No
ML18069	City of Torrance				\$187,400.00	\$0.00	Purchase 4 Heavy-Duty Near ZEV and Instal	\$187,400.00	No
ML18070	City of Lomita				\$32,750.00	\$0.00	Purchase 1 Light-Duty ZEV, Install Bike Rac	\$32,750.00	No
ML18071	City of Chino Hills				\$30,000.00	\$0.00	Purchase 2 Light-Duty ZEVs and Install EVS	\$30,000.00	No
ML18072	City of Anaheim				\$239,560.00	\$0.00	Purchase 9 Light-Duty ZEVs & 2 Med/Hvy-D	\$239,560.00	No
MS18009	Penske Truck Leasing Co., L.P.				\$82,500.00	\$0.00	Modify Maintenance Facility & Train Technici	\$82,500.00	No
MS18014	Regents of the University of Californi				\$254,795.00	\$0.00	Planning for EV Charging Infrastructure Inve	\$254,795.00	No
MS18015	Southern California Association of G				\$2,000,000.00	\$0.00	Southern California Future Communities Par	\$2,000,000.00	No
MS18016	Southern California Regional Rail Au				\$87,764.00	\$0.00	Special Train Service to Auto Club Speedwa	\$87,764.00	No
MS18017	City of Banning				\$225,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$225,000.00	No
MS18018	City of Norwalk				\$75,000.00	\$0.00	Vehicle Maintenance Facility Modifications	\$75,000.00	No
MS18023	Riverside County Transportation Co				\$500,000.00	\$0.00	Weekend Freeway Service Patrols	\$500,000.00	No
MS18024	Riverside County Transportation Co				\$1,500,000.00	\$0.00	Vanpool Incentive Program	\$1,500,000.00	No
MS18025	Los Angeles County MTA				\$1,324,560.00	\$0.00	Special Bus and Train Service to Dodger Sta	\$1,324,560.00	No
MS18026	Omnitrans				\$83,000.00	\$0.00	Modify Vehicles Maintenance Facility and Tr	\$83,000.00	No
MS18027	City of Gardena				\$365,000.00	\$0.00	Install New Limited Access CNG, Modify Mai	\$365,000.00	No
MS18029	Irvine Ranch Water District				\$190,000.00	\$0.00	Install New Limited Access CNG Station & T	\$190,000.00	No
MS18065	San Bernardino County Transportatio				\$2,000,000.00	\$0.00	Implement Metrolink Line Fare Discount Pro	\$2,000,000.00	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS18066	El Dorado National				\$100,000.00	\$0.00	Install New Limited-Access CNG Station	\$100,000.00	No
MS18073	Los Angeles County MTA				\$2,000,000.00	\$0.00	Purchase 40 Zero-Emission Transit Buses	\$2,000,000.00	No

Total: 57

Declined/Cancelled Contracts

MS18013	California Energy Commission				\$3,000,000.00	\$0.00	Advise MSRC and Administer Hydrogen Infr	\$3,000,000.00	No
---------	------------------------------	--	--	--	----------------	--------	--	----------------	----

Total: 1

AGENDA ITEM #4

AB 2766 Discretionary Fund Financial Report

**AB 2766 Discretionary Fund
Financial Report -May 2018**

Available Funding as of May 31, 2018 (a)	\$ 45,441,906
Less Awards by Work Program: (b)	
FY 2014-16	\$ (2,012,329)
FY 2016-18	(20,158,784)
Total Awards by Work Program:	(22,171,113)
Less Balance of FY 2014-16 and FY 2016-18 Work Programs (funding not yet awarded)	(21,510,358)
Sub-total - Surplus/(Deficit)	\$ 1,760,435
Estimated Revenue (d)	3,745,522
Estimated Available for FY 2016-18	<u>\$ 5,505,956</u>

Notes:

- (a) Cash less: open commitments on executed contracts, balance on administrative budget and \$500,000 reserve.
 (b) Information provided by MSRC contracts staff. (Awards = Board approved contracts pending execution)
 (c) FY 14-16 & FY 16-18 Work Program Summary:

<u>FY 14-16 Work Program</u>	<u>Total</u>	<u>Executed Contracts</u>	<u>Awarded</u>	<u>Balance</u>
AB 118 Enhanced Fleet Modernization Program	\$ 3,001,000	\$ 1,662,000	\$ 1,339,000	\$ -
Alt. Fuel Infrastructure	2,292,000	1,692,000	600,000	-
Local Government Match	14,224,558	14,151,229	73,329	-
Major Event Center Transportation Program	3,539,044	3,539,044	-	-
CTC Partnership Program	9,906,165	9,906,165	-	-
EV Charging Incentive Pilot Program	500,000	-	-	500,000
Programmatic Outreach Services	245,903	245,903	-	-
Web-Site Services	25,890	25,890	-	-
Special Olympics World Games-Low Emission Transportation	380,536	380,536	-	-
Near-Zero NG Engine Incentive Program	5,815,000	5,815,000	-	-
FY 14-16 Totals	\$ 39,930,096	\$ 37,417,767	\$ 2,012,329	\$ 500,000

<u>FY 16-18 Work Program</u>	<u>Total</u>	<u>Executed Contracts</u>	<u>Awarded</u>	<u>Balance</u>
Major Event Center Transportation Program - (PA2015-13)	\$ 1,137,357	\$ 902,310	\$ 36,090	\$ 198,957
SCAG-Regional Active Transportation Program	2,500,000	2,500,000	-	-
MSRC Web-Site Development	58,753	58,753	-	-
Programmatic Outreach Coordinator	136,619	136,619	-	-
Major Event Center Transportation Program - (PA2017-05)	5,000,000	2,247,809	1,412,324	1,339,867
Natural Gas Infrastructure Program	4,000,000	36,000	1,120,500	2,843,500
Local Government Match	21,180,650	217,541	6,335,075	14,628,034
Technical Advisor - Work Program Portion	262,500	262,500	-	-
CEC Hydrogen Infrastructure Projects	3,000,000	-	3,000,000	-
EV Charging Infrastructure Investments	254,795	-	254,795	-
SCAG-Future Communities Partnership Program	2,000,000	-	2,000,000	-
CTC Partnership Program	8,000,000	-	6,000,000	2,000,000
FY 16-18 Totals	\$ 47,530,674	\$ 6,361,532	\$ 20,158,784	\$ 21,010,358

- (d) Estimated revenue is the FY 2016-17 & 2017-18 full year estimates less revenue received. Any change to Health & Safety Code 44243 could affect future revenue.

AGENDA ITEM #5

Contract Modification Request by
City of San Dimas

MSRC Agenda Item No. 5

DATE: June 21, 2018

FROM: Cynthia Ravenstein

SUBJECT: One-Year Term Extension by City of San Dimas, Contract #ML16042

SYNOPSIS: The City requests a one-year contract term extension as part of the FYs 14-16 Local Government Match Program due to the unanticipated need to install separate meters for the charging stations.

FINANCIAL IMPACT: None

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

ATTACHMENTS: Contractor's letter requesting modification

DISCUSSION:

Contractor: City of San Dimas

Project Title: Install Electric Vehicle Charging stations

MSRC Funding: \$55,000

Project Term: April 1, 2016 to December 31, 2020

Current Request: One-year term extension

Previous Requests: One-year term extension

Project Description: The MSRC awarded the City \$55,000 to install a total of four "Level II" type, publicly accessible electric vehicle (EV) charging stations. The majority of the site design and permitting has been completed; nothing has been paid to date on this contract.

Previous Request: The City indicated that a major renovation of their downtown area, which included updates to the underground electrical circuits, had delayed their installation of the stations. The City requested a one-year contract term extension. This modification was processed administratively.

Contract Request: The City now indicates that recent feedback from Southern California Edison (SCE) requires the installation of separate meters for the EV charging stations. Not only does this require additional work to complete the project, but also additional time for SCE review of the plans. The project is expected to be ready to bid in June 2018. The City requests a one-year contract term extension to complete the project.

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

City Council
CURTIS W. MORRIS, Mayor
DENIS BERTONE, Mayor Pro Tem
EMMETT BADAR
JOHN EBINER
RYAN A. VIENNA

City Manager
BLAINE M. MICHAELIS

Assistant City Manager
Treasurer/City Clerk
KENNETH J. DURAN



Assistant City Manager of
Community Development
LAWRENCE STEVENS

Director of Public Works
KRISHNA PATEL

Director of Parks
and Recreation
THERESA BRUNS

City Attorney
MARK W. STERES

RECEIVED

March 12, 2018

MAR 20 2018

Matthew Mackenzie
MSRC Contracts Administrator
South Coast Air Quality Management District/ MSRC
21865 Copley Drive
Diamond Bar, California 91765

MSRC

RE: MSRC Local Government Match Program Progress Report and Request for Extension - Contract No. ML16042

Dear Mr. Mackenzie:

The City of San Dimas is writing to provide a second Progress Report update regarding Contract No. ML16042 for the MSRC Local Government Match Program. The project involves installing four (4) Level II electric vehicle charging stations that can charge up to seven (7) electric vehicles at a time across three (3) specified locations throughout the City, including the two Municipal Parking Lots in the City's Downtown (nearest 135 and 165 E Bonita Ave.) and the Municipal Yard public parking lot (301 S Walnut Ave.).

To date, the City has met with Southern California Edison (SCE) twice to review and confirm power sources at the designated locations. The City made adjustments to the electrical infrastructure at the 165 E Bonita Ave. location in response to the first meeting with SCE, as detailed in the June 30, 2017 Progress Report letter.

However, the City received new information from SCE in the last field meeting. SCE is requiring the installation of separate meters because the stations will be on a separate rate from the existing meters. This adds additional work to accomplish the project. This also requires SCE to review the plans. SCE's plan review time takes approximately 8 to 12 weeks. **Therefore, the City is writing to request a second and final one-year extension to the contract period, following the below schedule:**

Task	Original Contract	Extension 1 - Amendment A	Extension 2 - Requested
Site Design & Permitting	Month 3	Month 15	Month 27 (July 2018)
Submit Public Outreach Plan	Month 4	Month 16	Month 28 (August 2018)
Complete EV Station Installations & Enter Into Service	Month 6	Month 18	Month 30 (October 2018)
Implement Public Outreach Plan	Month 8	Month 20	Month 32 (December 2018)
Quarterly Reports	Month 4	Month 16	Month 28 (August 2018)
Final Report	Month 9	Month 21	Month 33 (January 2019)

Thus far, the City has Accomplished:

Task 1 Site Design & Permitting

The City entered into an agreement with PBS Engineering for electrical engineering design services for electric vehicle charging stations at the specified locations. The designs are 75% complete.

The plans were complete prior to the new information received from SCE. These updates are being implemented now and will be routed through plan checks with SCE and the City's Building and Safety Department.

Percent Completed this Reporting Period	75%
Percent Complete	75%

Task 2 Bid Process

Once the site designs/ plans are approved and permitting is complete from SCE and the City's Building and Safety Department, the project will be ready to bid. We anticipate this will take place in June 2018.

Percent Completed this Reporting Period	0%
Percent Complete	0%

Task 3 Pre-Construction Meeting

The City will meet with the awarded contractor to review the scope of work and contract in detail prior to commencing construction.

Percent Completed this Reporting Period	0%
Percent Complete	0%

Task 4 Construction

The City anticipates construction will take no more than three months, commencing in July 2018.

Percent Completed this Reporting Period	0%
Percent Complete	0%

Task 5 Enter Into Service

The City anticipates the electric vehicle charging stations will enter into service by September 2018 at which time the Public Outreach Plan implementation will begin.

Percent Completed this Reporting Period	0%
Percent Complete	0%

Issues During Current Reporting Period:

To reiterate, the issues experienced during this reporting period are regarding SCE's additional requirements for separate meters, which increase the scope of work and plan review time. The result is the City is currently updating the plans to address this. **However, as this requires additional time, the City is requesting an additional one-year extension to this contract, ML16042.**

Work Planned for Next Reporting Period:

1. Complete and submit the site design plans for approval and permitting to SCE and the City's Building and Safety Department;
2. Order the electric vehicle charging stations and meter boxes to account for lead time, and have in advance of commencing construction;

3. Bid and award the project, hold pre-construction meeting, and commence construction; and
4. Prepare and submit the Public Outreach Plan.

Thank you for your review and consideration of this extension. If you have any questions or need additional information, please contact me at (909)394-6244 or via e-mail at sgeschwind@ci.san-dimas.ca.us.

Sincerely,



Sasha Geschwind
Environmental Services Coordinator

03-18-07 sng

CC: Krishna Patel, Director of Public Works

AGENDA ITEM #6

Contract Modification Request by
City of Eastvale

MSRC Agenda Item No. 6

DATE: June 21, 2018

FROM: Cynthia Ravenstein

SUBJECT: Modified Project Description by City of Eastvale, Contract #ML18064 (proposed)

SYNOPSIS: The MSRC awarded funding to the City of Eastvale to purchase two medium-duty zero emission vehicles (ZEVs) and to install electric vehicle (EV) charging stations. Due to changes in City priorities, the City requests to modify the project description to the procurement of two light-duty ZEVs and one medium-duty ZEV, in addition to the EV charging stations, with no change to the total award amount, as part of the FYs 2016-18 Local Government Partnership Program.

FINANCIAL IMPACT: None

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

ATTACHMENTS: Contractor's revised implementation plan

DISCUSSION:

Contractor: **City of Eastvale**

Project Title: Purchase Two Medium-Duty ZEVs and Install EV Charging Stations

MSRC Funding: \$80,400

Project Term: Not yet executed

Current Request: Procure two light-duty ZEVs and one medium-duty ZEV instead of two medium-duty ZEVs

Previous Requests: None

Project Description: The MSRC awarded the City of Eastvale a total of \$80,400 to purchase two medium-duty ZEVs (\$71,722) and to install limited access EV charging stations (\$8,678). A contract has not yet been executed to effectuate this award.

Contract Request: Subsequent to the award, the City's vehicle procurement priorities have changed. Instead of purchasing two medium-duty ZEVs, the City requests to procure two light-duty ZEVs and one medium-duty ZEV. There would be no change in the EV charging stations project element, nor would there be any change in the total award amount. In accordance with the terms of the MSRC's FYs 2016-18 Local Government Partnership Program, each of the light-duty vehicles would be eligible for reimbursement of 50% of the net purchase cost (after any

manufacturer, federal, and State rebates and incentives), not to exceed \$10,000 per vehicle. The medium-duty ZEV would be eligible for 50% of the net purchase cost, not to exceed \$100,000. Any unused funding would revert to the AB 2766 Discretionary Fund.

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

City of Eastvale

PROJECT IMPLEMENTATION PLAN (Revised)

Zero Emission Vehicles Purchases – Light Duty

The City proposes to purchase zero emission vehicle(s) for the City staffs. The City is interested in purchasing two light duty zero emission vehicles, and will be shopping for a vehicle that will be eligible for reimbursement through MSRC 2017 Local Government Partnership Program.

Zero Emission Vehicles Purchases – Medium Duty

The City proposes to purchase zero emission vehicle(s) for the City staffs. The City is interested in purchasing medium duty zero emission vehicle, and will be shopping for a vehicle that will be eligible for reimbursement through MSRC 2017 Local Government Partnership Program.

Electric Vehicle Charging Infrastructure (EVSE) Installation – Private Access

The City installed two EVCE at one of the Fire Stations in the City to be utilized by the City employees. Two (2) Dual JuiceBox Pro40C were installed. The cost of the installation was \$17,355.

AGENDA ITEM #7

Contract Modification Request by
Riverside County Transportation Commission

MSRC Agenda Item No. 7

DATE: June 7, 2018

FROM: Cynthia Ravenstein

SUBJECT: Modified Project Description and One-Year Term Extension by Riverside County Transportation Commission (RCTC), Contract #MS16082

SYNOPSIS: State Route 91 project schedule changes resulted in a much later start for the “Extended Service Period” Freeway Service Patrol (FSP) funded by the MSRC. RCTC requests a no-cost, 12-month extension, as well as a modification to the scope to allow for reimbursement of extended FSP services beyond the construction period which concluded in March 2018, as part of the FYs 2014-16 County Transportation Commission Partnership Program.

FINANCIAL IMPACT: None

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

ATTACHMENTS: Contractor’s letter requesting modification

DISCUSSION:

Contractor: **Riverside County Transportation Commission**

Project Title: Extended Freeway Service Patrol

MSRC Funding: \$590,759

Project Term: September 3, 2016 to August 2, 2018

Current Request: Modify project description to allow for FSP beyond construction period and one-year term extension

Previous Requests: None

Project Description: The MSRC awarded RCTC \$590,759 to implement extended FSP service during mid-day periods and weekends. This service was to go beyond the regular FSP service already provided Monday through Friday during peak commute hours, and be provided during the expansion of State Route 91 from the Orange County Line to Lincoln Avenue, and State Route 91 from Lincoln Avenue to Magnolia Avenue, including the State Route 91 and Interstate 15 interchanges. RCTC proposed that MSRC funding be used during the last phase of construction, with other funding sources covering the earlier phases. State Route 91 construction concluded in March 2018. \$257,160 has been paid to date under this contract.

Contract Request: RCTC indicates that State Route 91 project schedule changes resulted in a much later start than anticipated for the “Extended Service Period” of FSP funded by the MSRC. RCTC requests that the project description be changed to allow funding for extended FSP services beyond the construction period. RCTC also requests a one-year term extension.

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



RCTC

**RIVERSIDE
COUNTY
TRANSPORTATION
COMMISSION**

4080 Lemon Street, 3rd Floor • Riverside, CA
Mailing Address: P.O. Box 12008 • Riverside, CA 92502-2208
951.787.7141 • 951.787.7920 • www.rctc.org

May 31, 2018

Mr. Matt Mackenzie
MSRC Contracts Administration
Clean Transportation Funding from MSRC
21865 Copley Drive
Diamond Bar, CA 91765

Subject: Contract Number MS16082

State Route 91 (SR-91) project schedule changes resulted in a much later start for the “Extended Service Period” Freeway Service Patrol (FSP) funded by the MSRC; therefore, the Riverside County Transportation Commission (Commission) respectfully requests a no-cost, 12-month extension for Contract MS16082. The Commission also requests a modification to the scope to allow for reimbursement of extended FSP services beyond the construction period that concluded in March 2018.

The requested extension will afford continued FSP service on the weekends along the SR-91 from the Orange County line to Magnolia Avenue, including the SR-91 and Interstate 15 interchanges, which to date has assisted thousands of motorists and has had positive impacts to congestion, safety, and air quality.

Thank you for your consideration. Please contact me at (951) 787-7943 if you have any questions or concerns regarding this request.

Sincerely,



Brian Cunanan
Commuter and Motorist Assistance Program Manager

AGENDA ITEM #8

Contract Replacement Request by
City of Bellflower

MSRC Agenda Item No. 8

DATE: June 21, 2018

FROM: Cynthia Ravenstein

SUBJECT: Authorize Issuance of New Contract to Complete Work Initiated by City of Bellflower under Contract #ML12051

SYNOPSIS: The MSRC awarded the City \$270,000 to install fifteen Level II electric vehicle charging stations; this was subsequently modified to \$100,000 for two fast charge stations. The MSRC authorized an extension, but the contract lapsed on May 6, 2018 without the City returning the modification documents. The City has now requested to complete the project. Staff recommends that, should the MSRC wish to grant the City's request, a new contract be executed to complete the project.

FINANCIAL IMPACT: \$100,000 towards the charging stations is committed under #ML12051, and will become available to fund a replacement contract if so authorized by the MSRC.

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

ATTACHMENTS: Contractor's letter requesting a replacement contract

DISCUSSION: The MSRC originally awarded the City \$270,000 to install fifteen Level II electric vehicle charging stations; Contract #ML16035 was executed to effectuate the award. This was subsequently modified to \$100,000 for two fast charge stations. No work has been completed and nothing has been paid to date on this contract.

In January 2018, the City requested a one-year contract term extension. Due to the impending contract expiration on February 6, 2018, a three-month term extension was processed administratively in order to allow sufficient time for the MSRC to consider the remainder of the extension request. At their March 15, 2018 meeting, the MSRC approved an additional nine-month extension. However, the contract lapsed on May 6, 2018 without the City returning the contract modification documents.

When MSRC staff followed up with the City on May 12, 2018, City staff indicated that the modification documents might have been misplaced, and on May 15, 2018, the City submitted a request to complete the project.

SCAQMD has expressed concerns regarding executing extensions of lapsed contracts, so the modification could not be executed. SCAQMD recommends that a new contract be executed to complete the project, should the MSRC wish to grant the County's request.

Nothing has been paid to date on the previous contract, so the new contract value would be \$100,000.

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

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



May 15, 2018

Leah Alfaro
MSRC Contracts Administrator
Mobile Source Air Pollution Reduction Review Committee
21865 Copley Drive
Diamond Bar, CA 91765

Re: Contract #AB2766/ ML 12051 EV Charging Infrastructure – Contract Replacement Request

Dear Ms. Alfaro:

Please accept this letter as the City of Bellflower's (City's) contract replacement request for the amendment extending the MSRC contract's expiration date through December 6, 2019. 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 circular stamp.

Bernardo Iniguez
Public Works Manager

AGENDA ITEM #9

Consider Corrected Awards Under the
Local Government Partnership Program



MSRC Agenda Item No. 9

DATE: June 21, 2018

FROM: Stephen Patchan, Chair
MSRC-TAC Local Government Match Subcommittee

SUBJECT: Consider Modified/Corrected Awards to Cities of Santa Ana, Perris and Mission Viejo under the Local Government Partnership Program

SYNOPSIS: As an element of their FYs 2016-18 Work Program, the MSRC previously awarded funding to the Cities of Santa Ana, Perris and Mission Viejo as part of the Local Government Partnership Program. Elements of these applications have subsequently been identified which could entitle these cities to higher awards. This action would increase the awards by a total of \$38,450. All awards would remain at or below the amounts originally reserved for these cities.

RECOMMENDATION: The MSRC-TAC considered recommendations from its Local Government Match Subcommittee and recommends increasing the awards as described below and as follows: Santa Ana from \$365,000 to \$385,000; Perris from \$86,174 to \$94,624; and Mission Viejo from \$115,690 to \$125,690.

FISCAL IMPACT: A total of \$21,180,650 in MSRC Discretionary funding was reserved for the Local Government Partnership Program under the FYs 2016-18 Work Program. If the recommendation is approved, \$14,589,584 will remain available.

DISCUSSION: As an element of their FYs 2016-18 Work Program, the MSRC previously awarded funding to the Cities of Santa Ana, Perris and Mission Viejo as part of the Local Government Partnership Program. Elements of these applications have subsequently been identified which could entitle these cities to higher awards, as follows:

City of Santa Ana

The City of Santa Ana proposed the procurement of six light-duty zero emission vehicles and nine heavy-duty near zero emission vehicles, as well as the installation of two limited access electric vehicle (EV) charging stations and the installation of four publicly accessible EV charging stations. The City

originally requested, and was awarded, a total of \$365,000 out of their reserved funding allocation of \$440,630. In preparing the proposed contract to effectuate the award, MSRC staff noticed that the City’s original application had indicated the six light-duty zero emission vehicles at \$10,000 each, but only requested \$40,000 for these vehicles. The City has submitted a revised application for a total of \$385,000 correcting their computational error.

City of Perris

The City of Perris proposed the purchase of a medium-duty zero emission vehicle and installation of a publicly accessible, “fast-fill” electric vehicle charging station. The City was awarded a total of \$86,174 out of their reserved funding allocation of \$95,290. In preparing the proposed contract to effectuate the award, MSRC staff noticed that the City’s original application had incorrectly listed \$46,474 as their match for the charging station, when in fact \$46,474 was the amount they wished to request for that project element. The City has confirmed that they wish to request a total of \$94,624: \$46,474 for the charging station and \$48,150 for the vehicle.

City of Mission Viejo

The City of Mission Viejo originally proposed the installation of publicly accessible EV charging stations, the procurement of two light-duty zero emission vehicles, expansion of an existing natural gas station, a building permit fee waiver pilot program, and an electric vehicle technology training pilot program. Because the two proposed pilot programs did not clearly fit within the Local Government Partnership Program’s eligible categories, additional time was needed for their consideration. The balance of the project elements were recommended for funding in the interim, resulting in an award of \$115,690 for the EV charging stations, zero emission vehicles and CNG station expansion. The Local Match Subcommittee has now completed their review of the building permit and electric vehicle training programs. The Subcommittee does not recommend these project elements for funding under the Local Government Partnership Program. However, MSRC staff noted that the City had requested, in the event that funding was not approved for the pilot programs, that the \$10,000 requested be added to the funding for the EV charging stations. This would increase the total award from \$115,690 to \$125,690.

The MSRC TAC Local Match Subcommittee considered the above applications. The MSRC-TAC considered the Subcommittee’s recommendations and recommends modifications of three awards totaling \$38,450 as shown below. All awards would remain at or below the amounts originally reserved for these cities.

Table 1 – Recommended Modifications

Jurisdiction	Original Award	Revised Award
City of Santa Ana	\$365,000	\$385,000
City of Perris	\$86,174	\$94,624
City of Mission Viejo	\$115,690	\$125,690

AGENDA ITEM #10

Consider Applications Received Under the
Local Government Partnership Program



MSRC Agenda Item No. 10

- DATE:** June 21, 2018
- FROM:** Stephen Patchan, Chair
MSRC-TAC Local Government Match Subcommittee
- SUBJECT:** Review FYs 2016-18 Local Government Match Program Applications Received & Recommend Funding Awards
- SYNOPSIS:** The MSRC allocated a total of \$21,180,650 of MSRC **Clean Transportation Funding™** to the FYs 2016-18 Local Government Partnership Program. Per the Program Opportunity Notice, each city and county within SCAQMD that participates in the AB 2766 Subvention Fund Program has a funding allocation reserved for its use. While the last day to submit an application is August 2, 2018, applications are to be considered as they are received. The MSRC has previously funded forty-six applications totaling \$6,552,616. Nine additional applications requesting a total of \$1,855,906 are being brought forward for consideration.
- RECOMMENDATION:** The MSRC-TAC reviewed the recommendations of its Local Government Match Subcommittee and recommends approval of nine awards totaling \$1,855,906 as described below.
- FISCAL IMPACT:** A total of \$21,180,650 in MSRC Discretionary funding was reserved for the Local Government Partnership Program under the FYs 2016-18 Work Program. If the recommendation is approved, \$12,766,128 will remain available.

DISCUSSION: As an element of their FYs 2016-18 Work Program, the MSRC developed and implemented the Local Government Partnership Program. This Program represents a significant departure from prior MSRC programs such as the Local Government Match Program, in that it is not competitive. Each city and county within SCAQMD which participates in the AB 2766 Subvention Fund Program has a pro-rata funding allocation reserved for its use. The Program directly supports the SCAQMD’s 2016 Air Quality Management Plan (AQMP) by focusing MSRC investments on AQMP measures, and local government leadership will be educated on the region’s air quality challenges and the regional blueprint for achieving healthful air. A total of \$21,180,650 in MSRC Discretionary Funds was allocated. The Program offers to co-fund qualifying light-, medium- and heavy-duty zero-emission vehicles (ZEVs); near-zero-emission heavy-duty vehicles; alternative fuel Infrastructure projects; and electric vehicle charging infrastructure. Cities with smaller populations—those who are eligible for a maximum MSRC funding contribution of \$50,000—may propose projects within any of the above categories but also for traffic signal synchronization, bicycle active transportation, and first mile/last mile strategies.

The solicitation mechanism is a Program Opportunity Notice (PON). The PON was released on September 1, 2017 concurrent with SCAQMD Governing Board approval. The application period was originally scheduled to close on March 2, 2018. However, at their February 15, 2018 meeting, the MSRC acted to extend the deadline to August 2, 2018.

The MSRC has previously funded forty-six applications totaling \$6,552,616. Nine additional applications requesting a total of \$1,855,906, as shown in Table 1 below, were brought forward to the Local Government Match Subcommittee for consideration.

The MSRC TAC considered the recommendations of its Local Match Subcommittee and recommends approval of nine awards totaling \$1,855,906 as shown below.

Table 1 – Recommended Awards

NO	Jurisdiction	Project Type(s)	Funding Request
48	City of Buena Park	EV charging infrastructure (public access, at least three Level II and two Level III/fast charge)	\$107,960
49	City of Orange	Heavy-duty near-zero vehicle (dump truck or other heavy-duty)	\$25,000
50	City of Culver City	Light-duty ZEV (sedan model TBD)	\$1,130
51	City of Orange	Light-duty ZEVs (four Ford Focus or similar) and EV charging infrastructure (at least eight limited access Level II stations)	\$59,776
52	County of Riverside	Heavy-duty near-zero vehicles (a total of seventeen split between water trucks, street sweepers, flatbed trucks, spreader trucks and dump trucks)	\$425,000
53	City of Pasadena	EV charging infrastructure (at least fifteen public access and at least twenty-five limited access Level II stations)	\$183,670
54	City of Santa Monica	EV charging infrastructure (single and dual ports, at least twenty-three public access and at least sixteen limited access Level II stations)	\$121,500
55	City of Beaumont	EV charging infrastructure (at least two public access Level II stations)	\$31,870
56	City of Los Angeles, Bureau of Sanitation	Medium-duty ZEVs (eight refuse collection vehicles or similar) and EV charging infrastructure (at least eight limited access stations)	\$900,000
			\$1,855,906

* Some cities have requested less than their full funding allocation, but the remainder will continue to be reserved for them until the close of the application period.

AGENDA ITEM #11

2018 Clean Fuels/Clean Technologies
Conference Calendar

Clean Fuels and Clean Technologies Conference Calendar for 2018-2019

June 2018

- June 4-7 Advanced Automotive Battery Conference, San Diego, CA. Website:
<http://advancedautobat.com/us/>
- June 4-7 Transforming Mobility for the 21st Century-ITS 27th Annual Meeting, Detroit MI.
Website: <https://itsdetroit2018.org/program/>**
- June 6-7 xEV Battery Technology, San Diego, CA. Website:
<http://www.advancedautobat.com/aabc-us/automotive-batteries.html>
- June 6-7 EV Technology for Specialty Transportation, San Diego, CA. Website:
<http://www.advancedautobat.com/aabc-us/ev-transportation.html>
- June 12 National Fuel Cell & Hydrogen Forum, Washington D.C. Website:
http://content.energycentral.com/events/34307/?utm_source=2018_05_24&utm_medium=eNL&utm_content=247485&utm_campaign=CONFWATCH**
- June 20-21 SAE Automated & Connected Vehicle Systems Testing Symp. Greenville S.C. Website:
<https://www.sae.org/attend/automated-and-connected-vehicle-systems-testing-symposium>
- June 27 National Fuel Cell Symposium, Sacramento, CA. Website:
<http://www.nfcrc.uci.edu/3/default.aspx>
- June 28 FuturePorts 2018 Annual Conference, Competitiveness, Capital & the CAAP, Long Beach, CA Website: <https://www.futureports.org/2018-conference/>**
- June 25-29 27th World Gas Conference, Washington D.C. Website:
<http://email.foundrydigital.com.au/t/ViewEmail/r/050E3A977463D65A2540EF23F30FEDED/3F56A6A1176C29D0A0F01D70678E0DEE>

August 2018

- Aug 16 Women in Green Forum, Los Angeles, CA. Website:
<https://www.eventbrite.com/e/9th-annual-women-in-green-forum-registration-40850311381>**

September 2018

- Sept 8 Third Annual Watts Electric Car Drive & Ride, Watts, CA. Website:
<https://driveelectricweek.org/event.php?eventid=1313>**
- Sept 11-14 EmTech 2018, Cambridge, MA. Website:
<https://events.technologyreview.com/emtech/18/>**
- Sept 12-14 Global Climate Action Summit, San Francisco, CA. Website:
<https://globalclimateactionsummit.org/>**
- Sept 12-14 Air Sensors International Conference, Oakland, CA. Website:
<https://asic.agrc.ucdavis.edu/>**

- Sept 16** **National Drive Electric Event, UC Riverside, Riverside, CA. Website:**
<https://driveelectricweek.org/event.php?eventid=1280>
- Sept 24-27** **Hydrogen + Fuel Cells North America, Anaheim, CA. Website:**
<https://www.h2fc-fair.com/usa/>
- Sept 25-26** **Prevention First 2018-Onshore/Offshore Pollution Prevention Symposium, Long Beach CA. Website:** <http://www.slc.ca.gov/About/PF.html>

October 2018

- Oct 5** **30th Annual Clean Air Awards, Los Angeles, CA – Nominations Open: Website:**
<http://www.agmd.gov/caa/home/nominations>
- Oct 12-13** **2018 AltCar Expo & Conference, Santa Monica, CA. Website:**
<https://www.altcarexposac.com/altcarexpo>
- Oct 23** **Sustain OC 9th Annual Conference & Expo, Location Announced Shortly Website:**
<https://sustainoc.org/events/event/sustain-oc-9th-annual-conference-expo-orange-juice/>
- Oct 30-31** **9th Annual Battery Safety, Arlington, VA. Website:**
<http://www.cambridgeenertech.com/battery-safety/>

November 2018

- Nov 1-2** **14th Annual Lithium Battery Materials & Chemistries, Arlington, VA. Website:**
<http://www.cambridgeenertech.com/lithium-battery-materials-chemistries/>
- Nov 7-8** **Energy Storage North America, Pasadena, CA. Website:**
www.esnaexpo.com
- Nov 13-16** **NGV America Annual Meeting & Industry Summit, Palm Springs, CA. Website:**
<http://ngvshow.com/>
- Nov 16** **Calstart's Annual Symposium, Pasadena, CA. Website:**
<http://www.calstart.org/Events/CALSTART-Events/AnnualSymposium.aspx>

February 2019

- Feb 26-27** **Rethink Methane, "Removing the Fossil from the Fuel" Sacramento, CA. Website:**
<https://rethinkmethane.org/>

March 2019

- Mar 10-13** **29th CRC Real-World Emissions Workshop, Long Beach, CA. Website:**
<https://crcao.org/workshops/index.html>
- Mar 20-21** **2nd International Summit-Conventional and Sustainable Energies, Chicago, CA. Website:**
<https://sustainableenergies.conferenceseries.com/>

Mar 27-29 **ICEPAG 2019, Irvine, CA., Website:**
TBD

April 2019

April 23-26 **Advanced Clean Transportation (ACT) Expo, Long Beach, CA Website:**
<https://www.actexpo.com/>

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

Last updated 06/01/2018 (**Items in bold were recently added**).