



**MOBILE SOURCE AIR POLLUTION REDUCTION REVIEW COMMITTEE
MSRC AGENDA
Thursday, August 16, 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

CONSENT CALENDAR (Items 1 through 7)

Receive and Approve

1. Summary of Final Reports by MSRC Contractors Gorski
p. 2
- Fullerton Joint Union High School District MS14075 (\$300,000 - Expansion of Existing CNG Infrastructure/Maintenance Fac. Mods.)
 - Los Angeles County Metropolitan Transportation Authority (LA Metro) MS16001 (\$1,350,000 – Implement 2015-‘16 Seasons of Dodgers Stadium Express service)
 - Los Angeles County Metropolitan Transportation Authority (LA Metro) MS18001 (\$807,945 – Implement 2017 Season of Dodgers Stadium Express service)
 - Southern California Regional Rail Authority (Metrolink) MS18011 (\$239,565 - Special Train Service to Festival of Lights)

Information Only - Receive and File

2. MSRC Contracts Administrator’s Report Ravenstein
p. 23
- This report covers key issues addressed by MSRC staff, status of open contracts, and administrative scope changes from May 31 through July 25, 2018.
3. Financial Report on AB 2766 Discretionary Fund Kampa
p. 57
- Financial Report for July 2018.

For Approval – As Recommended

4. Consider Addition of Matching Projects and Six-Month Term Extension by Southern California Association of Governments (SCAG), Contract #MS18002 (\$2,500,000 – Regional Active Transportation Partnership Program) Ravenstein
p. 59
- In order to meet match funding requirements more expeditiously, SCAG requests to add a project by the Los Angeles Department of Transportation and SCAG’s own “Go Human Loaner” program to the previously-approved list of projects. SCAG also requests a six-month no-cost contract term extension. **EXCEPT FOR AN ABSTENSION BY MEMBER LUO, THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL**

5. Consider Nine-Month Term Extension by City of Santa Monica, Contract #MS12060 (Implement Westside Bikeshare Program) Ravenstein
p. 68
- The City requests a nine-month no-cost contract term extension due to the update of their travel demand forecasting model taking longer than anticipated. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL**
6. Consider Two-Year Term Extension by City of Highland, Contract #ML16071 (Implement Boulder Avenue “Complete Streets” Project) Ravenstein
p. 72
- The City requests a two-year no-cost contract term extension due to the time-consuming requirements associated with the project’s federal Projects of National and Regional Significance program co-funding. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL**
7. Consider Contract Replacement by City of South Pasadena, Contract #ML14066 (Bicycle Trail Improvements) Ravenstein
p. 76
- Due to the expiration of the City of South Pasadena’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 8 through 13)

8. Consider FY 2018-19 Administrative Budget Minassian
p. 80
- An administrative budget is prepared each year as part of the annual MSRC budget. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL**
9. Consider Potential Updates to MSRC Website and \$6,000 Contract Value Increase by Geographics, Contract #MS18003 (\$56,953 – Design, Host and Maintain MSRC Website) Hardison
p. 84
- At their April 19, 2018 meeting, the MSRC asked staff to investigate adding the Google Translate service to the MSRC’s <http://www.cleantransportationfunding.org> website. Geographics, the company which maintains the site under Contract #MS18003, estimates the cost to add this feature at \$600. MSRC staff have also identified other potential updates for consideration, as well as the addition of undesignated funds to address critical updates as they arise. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL OF A \$6,000 CONTRACT VALUE INCREASE FOR GOOGLE TRANSLATE AND OTHER POTENTIAL UPDATES**

FYs 2016-18 WORK PROGRAM

10. Consider Funding for Applications Received under the Local Government Partnership Program

Patchan
p. 87

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 \$8,446,972. Nineteen additional applications, requesting a total of \$1,476,700, are being brought forward for consideration. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL OF NINETEEN AWARDS TOTALING \$1,476,700 AS DESCRIBED IN THE ATTACHED STAFF REPORT**

11. Consider Work Plan Received under the CTC Partnership Program

Lynn
p. 92

As an element of their FYs 2016-18 Work Program, the MSRC allocated \$8,000,000 for a program to partner with the region's County Transportation Commissions (CTCs) to implement transportation-related air quality improvement projects within their respective jurisdictions. The MSRC approved a solicitation document in November 2017 seeking work plans from CTCs to partner with the MSRC. \$2,000,000 is reserved for each CTC. To date, the MSRC has approved awards totaling \$6,000,000. An additional work plan requesting \$2,000,000 has been received from Orange County Transportation Authority (OCTA) for the implementation of three projects: 1) the OC Flex Micro-transit Pilot Project; 2) the installation of a hydrogen detection system at OCTA's bus maintenance facility; and 3) the implementation of a College Pass transit fare subsidy program. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL OF A \$2,000,000 AWARD TO OCTA**

12. Consider Applications Received under the Major Event Center Transportation Program

Lynn
p. 96

As an element of their FYs 2016-18 Work Program, the MSRC allocated \$5 million to fund projects assisting venues not sufficiently served by transportation service. A Program Announcement was released on March 3, 2017. To date, the MSRC has awarded a total of \$4,468,078. Two additional applications are being brought forward for consideration: 1) Southern California Regional Rail Authority (Metrolink) is requesting \$252,696 to implement special Metrolink train service for the 2018 Festival of Lights to be held in downtown Riverside; and 2) The Rose Bowl and Foothill Transit are requesting \$344,850 for special shuttle service in support of various events in 2018, including the Arroyo Seco Music & Arts Festival. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL OF AN AWARD OF \$252,696 TO METROLINK FOR FESTIVAL OF LIGHTS SPECIAL TRAIN SERVICE. THE MSRC-TAC FURTHER RECOMMENDS, WITH ONE MEMBER OPPOSED, THAT NO AWARD BE MADE TO THE ROSE BOWL AND Foothill TRANSIT FOR SPECIAL SHUTTLE SERVICE.**

13. Consider Applications Received under the Natural Gas Infrastructure Program

Marquez
p. 102

As an element of their FYs 2016-18 Work Program, the MSRC allocated \$4 million to fund new and expanded CNG and LNG refueling stations, as well as modifications to vehicle maintenance facilities and technician training. A Program Announcement was released on June 2, 2017. The MSRC has previously funded applications totaling \$1,156,500. The MSRC has received twenty additional applications, requesting a total of \$3,926,680. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL OF 15 AWARDS TOTALING \$2,843,500 AS DESCRIBED IN THE ATTACHED STAFF REPORT. THE MSRC-TAC FURTHER RECOMMENDS \$1,083,180 BE ALLOCATED TO THE NATURAL GAS INFRASTRUCTURE PROGRAM TO FUND THE SEVEN APPLICATIONS ON THE BACK UP LIST.**

OTHER BUSINESS

- 14. **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. 107

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: September 20, 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.

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Penny Shaw Cedillo, MSRC Administrative Liaison – (909) 396-3179

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

AGENDA ITEM #1

Summary of Final Reports by MSRC Contractors



MSRC Agenda Item No. 1

Date: August 16, 2018
From: Ray Gorski, MSRC Technical Advisor
Subject: Final Reports Received and Reviewed

Four final reports were submitted for MSRC review and approval during June and July:

- Fullerton Joint Union High School District MS14075 (\$300,000 – Expand and Upgrade CNG Refueling Station)
- Los Angeles County Metropolitan Transportation Authority (LA Metro) MS16001 (\$1,350,000 – Implement 2015-‘16 Seasons of Dodgers Stadium Express service)
- Los Angeles County Metropolitan Transportation Authority (LA Metro) MS16001 (\$810,945 – Implement 2017 Season of Dodgers Stadium Express service)
- Southern California Regional Rail Authority (Metrolink) MS18011 (\$239,565 – Implement special Train Service for the Downtown Riverside Festival of Lights)

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

Contractor: Fullerton Joint Union High School District
Contract Number: MS14075
Contract Amount: \$300,000
Title: Expand & Upgrade CNG Refueling Station

Discussion: The purpose of this project was to design and build a compressed natural gas (CNG) station replacing an existing slow fill station and adding fast fill public fueling by redesigning the school district transportation yard at 1050 S. Leslie in La Habra. The station was designed with the purpose of facilitating both light duty natural gas vehicles (NGVs), as well as medium and heavy duty NGVs, utilizing both a slow fill model for District School Buses and a fast fill model for the public. The main objective was to accommodate this station expansion using the same location currently being used for the districts School Buses.

The new station is equipped with two Simplex 200 HP CNG compressors capable of producing 200 standard cubic feet per minute (SCFM) each, for a total of 400 SCFM. The CNG station utilizes the following equipment:

- (1) Gas Dryer as specified in SAE J1616
- (2) Compressors: 200 SCFM
- (17) Dual hose time fill dispenser posts set up for 3,600-psi service on all hoses
- (2) Dual-hose Dispensers: Kraus/Gilbarco frame w/ flow meters and card readers (MasterCard, Visa, American Express, Discover,)
- (3) Storage Vessels: 10,000 SCF each- Total of 30,000 SCF
- (1) Gas Meter installed by SoCal Gas
- (1) Electrical Switch Gear/Meter and associated electrical panels
- Remote monitoring capabilities and security cameras

The construction permits were issued February and March 2017 and grading began shortly thereafter. Station construction process was completed by November 2017 and the certificate of occupancy was issued on November 20, 2017. The grand opening event was held on December 5, 2017, with a press release issued on December 8, 2017. Shop Methane Detection equipment and ventilation was operational January 9, 2018.

Technical Issues Encountered: The site had an existing gas meter that served the CNG compressors that were to be replaced. Because the District buses needed to continue to be filled onsite, a new gas service and meter was required to accommodate the larger CNG compressors. The Gas Company indicated that there would be no problem having two gas meters at the same site for a short period of time. However, when it came time to install the meter, the Gas Company notified the District that installation of a second meter was not feasible. Following several weeks of delay, the Gas Company came up with a solution internally and was able to install the second meter so both compressors could operate during the commissioning of the new CNG compressors.

Additionally, the District originally intended to run fiber optic line to the site for Internet communication; however this was not deemed feasible due to the available infrastructure in the street. In lieu of a fiber connection, a wireless bridge was established across the street to the District Transportation building. Finally, during excavation on the canopy footings the District encountered contaminated soil. Work was stopped and the District brought in their environmental consultant to assess the situation. The determination was that the contamination was not above levels of concern and work restarted. This caused a delay of approximately six weeks.

Station Utilization:

	Nov 2017	Dec 2017	Jan 2018	Feb 2018	Mar 2018	Apr 2018
Therms, as documented by utility bills	4754	4870	5197	5283	6249	8620
Gasoline Gallon Equivalent (calculated at 10 CNG Therms = 8.32 GGE's, per CEC's Energy Almanac)	3955	4052	4324	4395	5199	7172
Miles traveled by CNG vehicles (calculated at 5.5 GGE per mile)	719	737	786	799	945	1304
Number of CNG Vehicles	13	13	13	13	13	13

Photographs & Outreach: This project was discussed with parents and stakeholders of the District through board communications, meeting presentations and with students via class projects. District Students developed a marketing strategy as part of business classes and the station was discussed in an MBA forum Wednesday April 19th 2017. A District wide contest to design a logo for the station was conducted as a way to raise awareness of the station. A grand opening event was held December 5, 2017.

Advertising our station's opening, both a flyer and a press release acknowledging The MSRC, AQMD and The California Energy Commission's invaluable support in its construction, was distributed on December 8, 2017. The District also made announcements through its various social media accounts. Signage has been placed in strategic locations to direct the public to our station. Additionally permanent signs are located immediately adjacent to the station recognizing the MSRC's Funding and support for the project.

Contractor: Los Angeles County Metropolitan Transportation Authority
Contract Number: MS16001
Contract Amount: \$1,350,000
Title: Dodger Stadium Express Service – 2015-‘16 Seasons

Discussion: The 2015 season opened April 4th and the 2016 season opened March 31st. A total of 82 regular season games were played with 3 postseason home games. A total of 220,034 fans were transported during the 2015 season. The 2016 season opened on March 31, 2016 with a total of 82 home games and 5 postseason home games.

Dodgers were successful in attaining playoff status both seasons. In addition to the games, Dodger Stadium Express (DSE) service was provided for one special event, a concert with AC/DC performing on September 28, 2015, with a total of 3,792 passengers transported.

With the growing popularity of the service, Metro evaluated relocating the loading zone to the West side of Union Station to provide increased space, reduce the impact to commuters, and access to various vendors through Union Station.

Fans board on the north side of Union Station, and the route proceeds out the station onto Cesar Chavez Ave. Buses stop to board 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.

Dodger Stadium Express signage is 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.

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 four (4) pm and seven (7) pm. The parking enforcement personnel post signage extending parking restrictions to eight (8) 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 approximately eight (8) pm. Typically, afternoon and evening games only require parking restrictions on the westbound side. On game days with an early start time; Metro and 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. The return route during the game follows the same alignment as the trips to Dodger Stadium. The return route is modified once the game ends to provide quicker return service back to Union Station by using two exit routes to reduce travel times. The service from Lot G exits out of Gate E (near the 110 freeway), and travels through Chinatown to

Union Station. The service from Lot P travels out of Gate A (main gate on Vin Scully Drive) and travels along Cesar Chavez to Union Station. These two options reduce the amount of time fans are in transit.

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 game, 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 each game.

Beginning 90 minutes prior to the game start, buses operate on a “load-and-go” basis until the end of the second inning. During the game, buses are stored at the drop off location. Buses will return patrons to Union Station 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. 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 as necessary. The service continues operating up to 45 minutes after the game has ended. Several times throughout the season special events are held post-game at the Stadium (i.e. movie night, children running the bases, fireworks, etc.), in these cases the service continues 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.

During this period, Metro and Dodgers coordinated an MSRC/Metro night to promote the partnerships established and educate fans on the benefits of using public transportation to get to the game. Metro provided a link for fans to obtain a special event ticket that included a free t-shirt and a retired number pin series (#53 Don Drysdale) presented by 76. MSRC participated by throwing out a ceremonial first pitch to a high attendance game.

Metro also conducted a fan survey that collected 140 surveys of fans in attendance for two different games riding the Dodger Stadium Express (attachment #1), each survey yielded similar data. The results were as follows:

- 59% were first time riders (many first time Dodger game attendees)
- Almost all planned on using the shuttle round trip
- Main method of learning about the service –
 - 30% Word of mouth
 - 27% Dodgers.com
 - 24% Metro.net

- Point of Origin
 - Survey #1 - 50% from Home Survey #2 – 75% from Home
 - Survey #1 – 25% from Hotel Survey #2 – 9% from Hotel
- Likelihood to Use Service Again –
 - Survey #1 – 4.2 out of 5
 - Survey #2 – 4.5 out of 5
- Transportation to Stop
 - Survey #1 – The majority used public transportation.
 - Survey #2 – The majority drove to the station.
- Ethnicity
 - While close to each other, Survey #2 had a higher percentage of Hispanic users than Survey #1 with the percentage of Caucasian users (49%).
- Age – Average age was slightly lower on survey #2, attributable to a Boy Scout group included in the survey.
- Improvements –
 - Start service earlier
 - Longer bus only lanes
 - Too crowded – More buses/bigger buses
 - Exit issues – More organized/dedicated bus route for exit/late stop time (45 minutes not enough)/ pick up out of the stadium avoiding traffic
 - Additional pick up and drop off locations (upper deck)
 - Better signage (especially for Union Station parking)
 - Other – Shade, seating, allow alcoholic beverages

Issues Encountered:

DSE was originally designed and operated from Union Station’s Patsaouras Plaza however; the location at the Plaza 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 was able to relocate the service to the West Portal of Union Station along Alameda. As Metro Transit Security was readily available to assist with unruly fans or conflicts at the Plaza but was not available at another location it became necessary to request Transit Security at the new location. A request is submitted for each home stand to assign two (2) officers to maintain a presence from the beginning of service through the bottom of the second inning. At which time

inbound service is reduced significantly and buses run every 30 minutes. This reduction is due to the decrease in passenger boardings. The officers assist with enforcement and in maintaining a safe environment for families and fans to enjoy. They are often called upon to direct fans that are intoxicated or drinking on the property.

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 four (4) pm and seven (7) pm. The parking enforcement personnel post signage extending parking restrictions to eight (8) 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 eight (8) pm. Typically, afternoon and evening games only require parking restrictions on the westbound side. On game days that have an early start time; LADOT makes adjustments on parking restriction times that affect both the westbound and eastbound directions.

Metro and its partners will continue to meet to discuss problems and potential solutions.

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). Metrolink, Amtrak, and Metro Rail Red, Purple and Gold Lines also serve Union Station.

During the 2015 and 2016 baseball seasons the DSE bus service carried 461,700 passengers, including the millionth rider to use the service. In addition, this service effectively reduced approximately 230,858 car trips and 4.38 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 2016, this number increased to 241,682. This is 97.6% increase over six-year timeframe.

Estimated Emissions Reduction from 2015 and 2016 Dodger Stadium Express:

Pollutant	2015 Tons Reduced	2016 Tons Reduced
ROG	0.23	0.25
NOx	0.22	0.24
CO	0.64	0.72
PM2.5	0.18	0.2

Outreach: The DSE marketing campaign was coordinated between Metro and the Dodgers marketing staff. The objective of the outreach was to attract ridership to Dodger home games on the MSRC-funded service between Union Station and Dodger Stadium while encouraging use of public transportation between home and the stadium to reduce air pollution by calling attention to air quality efforts and clean transportation funding.

The marketing campaigns focused on several key messages:

- Using the DSE to improve air quality and enjoy the trip rather than being a driver fighting traffic
- Union Station offers a wide range of connections to the DSE including Metro and municipal bus services, Metro Rail, Metrolink, and Amtrak
- Service is available for all pre-season and regular season Dodger home games
- Free fare applies
- Service is made possible by the MSRC

Several tactics were used to reach existing and non-existing riders through onboard materials, press events, advertisement and social media.

- Take-One – Distributed to riders onboard all buses with full details on stops and schedule (English & Spanish)
- Bus Car Card – Posted on all Metro buses promoting service (English & Spanish); supply to LADOT for possible posting on their buses as well as printed and supplied to Torrance Transit, Norwalk Transit, and GTrans (Gardena) for posting on their buses.
- Rail Poster – Posted on all Metro Rail cars promoting service
- Metro Insider – Item on service in monthly on-board publication (English & Spanish) 2-3 times during the season; also to include clean air factoids

- Metro Briefs Print Ads – Item in ongoing community newspaper ads promoting service (multiple languages) 2-3 times during the season
- Metro Briefs Radio Spots – Traffic radio spots promoting service 2 times during the season
- Telephone Messages on Hold – Announcement promoting service (English & Spanish) throughout the season
- Website and Banner Ad – Promotional banner on metro.net and go511.com homepage linking to complete service information; include link to Dodger site
- Social Media – Postings on Facebook, The Source, Twitter, and Instagram throughout the season
- Union Station banners – Wayfinding banners directing riders to service inside Red/Purple Line station and Gold Line station, floor decals and additional signage throughout Union Station
- Chinatown Station Backlit Ad – Ad in map case showing walking route from station to Dodger Stadium
- Introductory press event at start of season
- Five South Bay Backlit Ads- posted at Rosecrans Station, Slauson Station, Manchester Station, Harbor Gateway Transit Center and Harbor Gateway Freeway Station
- Ad posted to East Portal Info Tower at Union Station
- Ad posted to 3rd floor kiosk and screens at Metro HQ
- Transit Passenger Information System (TPIS) Advertisements – throughout the entire season
- DSE equipment for queue lines during season
- One (1) (15 second live or 30-second pre-recorded) spot surrounding the games on KLAC (English) and KTNQ (Spanish) radio broadcasts of Dodger games throughout the pre- and regular game season. This could include spots in-game and as well as within surrounding pre-post programming.
- DSE promotional copy to run on ticker during Sports Network Los Angeles (SNLA) broadcasts
- Ad in “Dodgers Insider” 13 issues/12,000 issues per home stand from April- September
- 1 dedicated ad in the newspaper (LA Newspaper Group) about the service in April
- Small callouts about the service in select ads promoting home stands during the season in the Los Angeles Times and LA Newspaper Group
- DodgerVision at least once per game: pre-in-or postgame
- Detailed information of the service on the transportation page of Dodgers.com

- Placement on Dodgers.com homepage, with a click through to transit information
- Mention in e-blasts to ticket holders 2-3 times per season.
- Mention in Home stand reminder e-mails sent to individual ticket purchases holders several days prior to each game
- Supergraphics on the bus vehicles to help identify service
- Press conference at location to be named promoting the service; the MSRC and Metro will participate in the press event and other introductory activities
- MSRC Night at Dodger Stadium on a date to be determined that includes an MSRC board member throwing out the first pitch as scheduling permits.
- Promote DSE on will call envelopes
- Inclusion of DSE schedule and Metro connections on group sales mailing
- Inclusion of DSE schedule and Metro connections at Dodger Stadium Guest Services locations and Ticket Windows
- DSE line queuing barriers at two stops within the Stadium

Contractor: Los Angeles County Metropolitan Transportation Authority
Contract Number: MS18001
Contract Amount: \$
Title: Dodger Stadium Express Service – 2017 Season

Discussion: For this contract period, the 2017 season opened on April 3, 2017. A total of 81 home games were serviced, plus an additional eight (8) postseason games, during this contract period. Dodgers were successful in attaining playoff status and entering the post season in the 2017 season. The Los Angeles Dodgers successfully advanced to the first MLB World Series to occur in Los Angeles since this service was initiated. The series advanced to a complete seven-game series in where the Dodgers were defeated by the Houston Astros.

DSE service was also provided for two additional events that occurred during this contract period. The first was a Billy Joel concert, held at Dodger Stadium on May 13, 2017, and the second a two-day concert on July 15 & 16, 2017, featuring Fleetwood Mac, Journey, Earth, Wind and Fire, and others. Both special events attracted significant crowds.

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

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. and again at Alameda St (added 2017 as requested by passengers wishing to exit sooner than arriving at the loading area)) 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, etc.) to travel to the stadium.

Prior to each home stand, Dodger management provided 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 varied based on an estimated attendance number. A minimum of seven (7) buses were deployed for each game.

Beginning 90-120 minutes prior to the game start, buses operate on a “load-and-go” basis or approximately 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 leaving the passenger loading area adjacent to Lot G exit through the “110 Freeway Gate,” expediting their exit from the stadium thereby reducing their overall travel time. 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 their 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.

Issues 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 alternatives to driving in congested peak traffic times. Both organizations are committed to working cooperatively to develop sustainable operating plans for future events at Dodger Stadium.

The increase in the public’s usage of rideshare companies (e.g.: Uber, Lyft, etc.) has resulted in an increased influx of cars at Dodger Stadium’s Sunset Gate. Due to the nature of their business, they do not purchase parking and therefore have to enter using the same lane as the DSE. This creates a “bottleneck” and increases trip times for DSE passengers. Dodger Transportation Manager and staff have made several adjustments to their system in order to accommodate rideshare, including relocating them to a parking lot prior to the gate to decrease the time they block the entry lane, reroute rideshare vehicle exit so as to avoid U-turns and delays caused by outbound traffic during inbound movement, etc.

Emissions Benefits:

2013 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.

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). Metrolink, Amtrak, and Metro Rail Red, Purple and Gold Lines also serve Union Station.

During the 2017 baseball season, the DSE bus service carried approximately 278,600 passengers. In addition, this service effectively reduced approximately 139,312 car trips and 2,646,919 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 2014, 210,677 passengers rode the DSE to Dodger Stadium. By 2017, the passenger count increased to 278,623. This is a 32% increase over a three-year timeframe.

Estimated Emissions Reduction from 2017 Dodger Stadium Express

Pollutant	2017 Tons Reduced
ROG	0.29
NOx	0.28
CO	0.87
PM _{2.5}	0.23

Outreach

The DSE marketing campaign was coordinated between Metro and the Dodgers marketing staff. With the objective of attracting ridership to Dodger home games on the MSRC-funded service between Union Station and Dodger Stadium while encouraging use of public transportation between home and the stadium to reduce air pollution by calling attention to air quality efforts and clean transportation funding.

The marketing campaigns focused on several key messages:

- Use the DSE to improve air quality and enjoy the trip rather than being a driver fighting traffic
- Union Station offers a wide range of connections to the DSE including Metro and municipal bus services, Metro Rail, Metrolink and Amtrak
- Service is available for all pre-season and regular season Dodger home games
- Free fare applies
- Service is made possible by the MSRC

Several tactics were used to reach existing and non-existing riders through onboard materials, press events, advertising also with in-stadium advertising and social media.

- Take-One – Distributed to riders onboard all buses with full details on stops and schedule (English & Spanish)

- Bus Car Card – Posted on all Metro buses promoting service (English & Spanish); supply to LADOT for possible posting on their buses as well as printed and supplied to Torrance Transit, Norwalk Transit, and GTrans (Gardena) for posting on their buses.
- Rail Poster – Posted on all Metro Rail cars promoting service
- Metro Insider – Item on service in monthly on-board publication (English & Spanish) 2-3 times during the season; also to include clean air factoids
- Metro Briefs Print Ads – Item in ongoing community newspaper ads promoting service (multiple languages) 2-3 times during the season
- Metro Briefs Radio Spots – Traffic radio spots promoting service 2 times during the season
- Telephone Messages on Hold – Announcement promoting service (English & Spanish) throughout the season
- Website and Banner Ad – Promotional banner on metro.net and go511.com homepage linking to complete service information; include link to Dodger site
- Social Media – Postings on Facebook, The Source, Twitter, and Instagram throughout the season
- Union Station banners – Wayfinding banners directing riders to service inside Red/Purple Line station and Gold Line station, floor decals and additional signage throughout Union Station
- Chinatown Station Backlit Ad – Ad in map case showing walking route from station to Dodger Stadium
- Introductory press event at start of season
- Five South Bay Backlit Ads- posted at Rosecrans Station, Slauson Station, Manchester Station, Harbor Gateway Transit Center and Harbor Gateway Freeway Station
- Ad posted to East Portal Info Tower at Union Station
- Ad posted to 3rd floor kiosk and screens at Metro HQ
- Transit Passenger Information System (TPIS) Advertisements – throughout the entire season
- DSE equipment for queue lines during season
- One (1) (15 second live or 30-second pre-recorded) spot surrounding the games on KLAC (English) and KTNQ (Spanish) radio broadcasts of Dodger games throughout the pre- and regular game season. This could include spots in-game and as well as within surrounding pre-post programming.
- DSE promotional copy to run on ticker during Sports Network Los Angeles (SNLA)

broadcasts

- Ad in “Dodgers Insider” 13 issues/12,000 issues per home stand from April- September
- 1 dedicated ad in the newspaper (LA Newspaper Group) about the service in April
- Small callouts about the service in select ads promoting home stands during the season in the Los Angeles Times and LA Newspaper Group
- DodgerVision at least once per game: pre-in-or postgame
- Detailed information of the service on the transportation page of Dodgers.com
- Placement on Dodgers.com homepage, with a click through to transit information
- Mention in e-blasts to ticket holders 2-3 times per season.
- Mention in Home stand reminder e-mails sent to individual ticket purchases holders several days prior to each game
- Supergraphics on the bus vehicles to help identify service
- Press conference at location to be named promoting the service; the MSRC and Metro will participate in the press event and other introductory activities
- MSRC Night at Dodger Stadium on a date to be determined that includes an MSRC board member throwing out the first pitch
- Promote DSE on will call envelopes
- Inclusion of DSE schedule and Metro connections on group sales mailing
- Inclusion of DSE schedule and Metro connections at Dodger Stadium Guest Services locations and Ticket Windows
- DSE line queuing barriers at two stops within the Stadium

Contractor: Southern California Regional Rail Authority (Metrolink)
Contract Number: MS18011
Contract Amount: \$239,565
Title: Implement Special Train Service to the 2017 Downtown Riverside Festival of Lights

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

The MSRC awarded Metrolink a MSRC Major Event Center Transportation Program grant in 2017 in the amount of \$239,565 to operate seven special trains on Friday and Saturday nights providing round-trip service from Oceanside and Los Angeles to the Riverside Festival of Lights.

The new Tier 4 locomotives were required for the special train service as criteria for the grant. Due to a delay in Metrolink's Tier 4 locomotives introduction into revenue service, the MSRC agreed to allow Tier 2 locomotives to run the trains for this special service. The purpose of the project was to reduce the number of vehicles traveling on freeways and mitigate traffic to the event by encouraging event attendees to take Metrolink train service to the Festival of Lights.

Metrolink, RCTC, OCTA, Metro, RTA and the Mission Inn and Spa began planning for the special train service in the July 2017 in preparation to submit a MSRC Major Event Center Transportation Program proposal. Staff met to review the train operations schedule and discuss marketing and advertising outreach to the community. The Metrolink Operations and Equipment departments confirmed availability of equipment and train crews to operate the special train schedules for the 2017 season. Based on high ridership and standing room only trains the previous year, the group decided to increase the special service by 133%.

The special service ran on Friday and Saturday nights from the season kick-off on November 24th through December 16th. The special service ran from Oceanside and Los Angeles to the event. There was one inbound train from Los Angeles arriving at the Riverside – Downtown station at 4:31 p.m. and two outbound trains back to Los Angeles departing the Riverside – Downtown station at 8:45 p.m. and 9:00 p.m. There was one inbound train from Laguna Niguel/Mission Viejo arriving at Riverside – Downtown at 4:21 p.m. and one outbound train to Oceanside that departed Riverside – Downtown at 9:15 p.m. Once at the Riverside – Downtown station, RTA provided shuttle service to the Festival of Lights event, with ten shuttles on a constant rotation.

Metrolink was committed to increasing ridership on the train and removing vehicle trips for the annual Festival of Lights event season. The ridership strategy called for discounted tickets with children under 18 riding free. Metrolink, RCTC, OCTA, Metro, RTA, and the Mission Inn and Spa committed their support and resources to co-fund \$360,435 in marketing and advertising in 2017 to promote the special train service. Targeting a demographic of families, social media strategies were implemented

for the special train service. All of the participating agencies used Facebook, Twitter and Instagram as well as other paid and traditional media to reach the audience with the hassle-free lower fare Metrolink option to attend the event.

Special Metrolink trains provided Festival of Lights attendees the opportunity to leave their cars at home and utilize public transportation to the event. The special service inbound train routes were from Los Angeles and Laguna Niguel/Mission Viejo to the Riverside – Downtown Station. The Los Angeles route ran along the 91/Perris Valley Line and included stops at Los Angeles Union Station, Norwalk/Santa Fe Springs, Buena Park, Fullerton, Corona – West, Corona – North Main, Riverside – La Sierra and Riverside - Downtown. The Laguna Niguel/Mission Viejo route ran along the Inland Empire/Orange County Line and included stops at Laguna Niguel/Mission Viejo, Irvine, Tustin, Santa Ana, Orange, Anaheim Canyon, Corona – West, Corona – North Main, Riverside - La Sierra and Riverside – Downtown. The special service outbound train routes were to Los Angeles along the same route as the inbound trains, and to Oceanside along the same route as the Laguna Niguel/Mission Viejo trains making additional stops at San Juan Capistrano, San Clemente, San Clemente Pier and Oceanside. There were seven special trains operating each night of service, with fourteen special trains each weekend over four weekends. In total Metrolink operated 56 special trains, providing 17,000 available seats for all trains at 100% capacity. There were ten RTA shuttles that circulated the route from the Riverside – Downtown Metrolink station to the Festival of Lights event.

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

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

Riverside Festival of Lights Trains

All trains used Tier 2 locomotives for the Festival of Lights season per the modified agreement. All trains were on time except train 756X on December 1, 2017. Due to a signal system issues, all Metrolink trains departing L.A. Union Station, including 756X, experienced delays of up to 45 minutes.

Issues Encountered: In January 2017, Metrolink became aware the Tier 4 locomotives would not be available for regular revenue or any special train service until the Federal Railroad Administration approved the final drawings and report and all testing had been completed. Since the Tier 4 locomotive was a requirement of the MSRC grant awarded, Metrolink staff notified the MSRC Contracts Administrator, Cynthia Ravenstein and Ray Gorski and requested consideration to use Tier 2 locomotives for the special train service. MSRC staff was extremely understanding of the Tier 4 locomotive issue and arranged for a special MSRC Committee meeting to consider Metrolink's request

to substitute Tier 2 engines for the special train service. On January 25, 2017 the MSRC Committee approved Metrolink's request to use the Tier 2 locomotives and the AQMD Board approved the changes at its February meeting. Metrolink staff notified the MSRC that Tier 2 locomotives would be used for the Festival of Lights pending final FRA approval of the Tier 4 locomotives and that under no circumstances would they be allowed for any special trains beginning in January 1, 2018.

All the special Festival of Lights trains arrived and departed as scheduled. The only exception was on the afternoon and evening of December 1, 2017, all Metrolink trains departing L.A. Union Station, including 756X, experienced delays of up to 45 minutes due to a signal systems issue. Otherwise, there were no other problems encountered.

Metrolink reported that the Festival of Lights 2017 Season Ridership was 11,274 on the special service trains, a 127.76% increase over 2016. Festival of Lights 2016 Season Ridership was 4,950 on the special service trains.

Promotion and Outreach:

The 2017 Festival of Lights Marketing Plan was designed to promote, educate and increase ridership on Metrolink Train Service and connectivity on its 91/Perris Valley Lines and IEOC Lines, and to reduce emissions by taking cars off the major arterial freeways into Downtown (91 Freeway, 215 and 60 Freeways) by providing a special experience for current and new riders with the value of easily attending one of California's most fabulous holiday events.

In 2017, we provided discounted tickets and a free children's promotional offer. The special event pricing was \$7.00 for adults and children 18 and under rode free, which was well received. Most of the riders were traveling long distances from Los Angeles Union Station or Fullerton. For the Friday trains the regular adult round-trip fare from Los Angeles is \$26 and from Fullerton is \$20. This promotional fare is a significant step to introduce riders to the special events trains, but also gives new riders an opportunity to try Metrolink and potentially become regular riders throughout the year. This approach is a meaningful step to change travel behavior to more air quality friendly modes in Southern California.

The following strategy was implemented to achieve multiple goals:

- Awareness: The discounted/free ticket offer has created a new and exciting platform for PR and promotional activities, particularly social and digital outreach.
- Sampling / Exposure: The discounted/free ticket offer exposed more guests to the special train service resulting in more rapid growth through word-of-mouth and a positive train experience to/from the Mission Inn.
- Demand Pressure: The continuation of the discounted/free ride offer for next year's events and potential capacity sellout of the special train service; should create demand pressure, resulting in incremental ticket sales in subsequent years.
- Sponsorship Opportunity: Offering the special service as a discounted/free train ride provides greater opportunity to attract sponsorship revenue and at a higher rate to offset costs.

Metrolink and the project supporters including the Mission Inn Hotel, City of Riverside, RCTC, OCTA, and Metro actively promoted the FOL special service to the 2017 events. All entities collaborated and provided additional marketing and advertising support for the event utilizing their assets and communication channels. Promotions and marketing efforts by both Metrolink and the supporters included:

Print Media

- Station marketing: posters at Metrolink stations
- Event Collateral: On board rack card style flyers and ticket brochures
- Newspaper: Ads featuring Metrolink train service were inserted in media partner publications including the Riverside Press Enterprise, Los Angeles Newspaper Group publications.
- Magazine: Ads featuring the Metrolink service in the Inland Empire Magazine.
- Newsletter: Metrolink Matters (bi-monthly onboard trains and electronic version) 25,000 copies

Digital Media

- Website: Metrolink rotating banner ad on home page, Metrolink dedicated splash page promoting special train service and ticket sales, Mission Inn to prominently list Metrolink service as a discount/discount/free offer with a ticket purchase flow to promote special train ticket packaging.
- Paid Search: Mission Inn and City of Riverside launched a display/search engine campaign
- Mission Inn and City of Riverside to post a Metrolink homepage features on their websites.
- Email: Metrolink e-blast (44,000 subscribers), Mission Inn and Spa monthly e-newsletter (80,000 subscribers), Mission Inn to promote Metrolink train service via promotional emails (80,000 subscribers)
- Social media outreach: Facebook – posts and sponsored ads, Twitter, Instagram on Metrolink, Mission Inn, City of Riverside, RCTC, OCTA and Metro platforms.
- East Portal digital tower ad at Los Angeles Union Station.
- Radio/Pandora Campaign: Mission Inn/City of Riverside created Metrolink service-specific versions of its radio spots that ran during the 2017 campaign.

Traditional Media

- Press releases: Metrolink, Mission Inn, City of Riverside, RCTC, OCTA, Metro

Outdoor Media

- City of Riverside electronic marquee sign included Metrolink train service bulletin at Riverside Downtown Marketplace and Riverside University Village and where available placed in rotation on with the City of Riverside message signs.
- Electronic signs at Union Station.

Event Marketing

- Mission Inn to produce flyers and ticket brochures featuring Metrolink information at a variety of event activations.
- City of Riverside hosted a pop-up train party passing out glow sticks and necklaces to passengers heading to the Festival of Lights
- Promotional ticket pricing

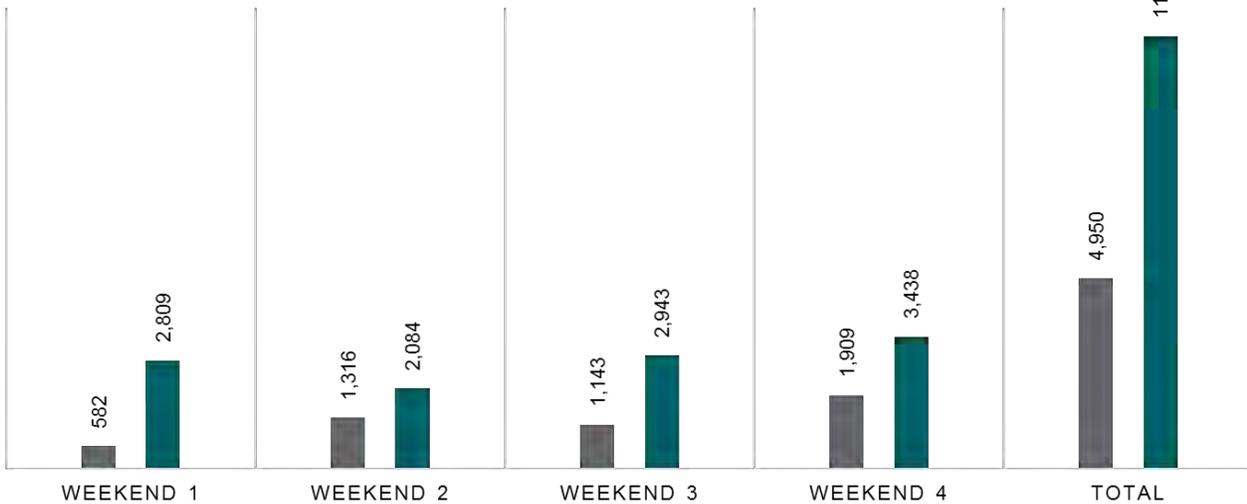
Summary and Conclusions:

Metrolink and the other project supporters’ goal is to improve the customer experience, both on the train and at the Festival of Lights, reduce automobile trips and local traffic congestion through increased train ridership, and improve overall air quality by emissions reduction.

Ridership increased 127.76% over 2017 with 11,274 passengers taking the special trains to Festival of Lights in 2017.

FESTIVAL OF LIGHTS RIDERSHIP

■ FY16 ■ FY17



AGENDA ITEM #2

MSRC Contracts Administrator's Report

MSRC Agenda Item No. 2

DATE: August 16, 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 May 31 to July 25, 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 or with the SCAQMD Board Chair 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 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, with the prospective contractor for signature, or executed.

On April 6, 2018, the SCAQMD Governing Board approved one award under the Natural Gas Infrastructure Program and eight awards under the Local Government Partnership Program. These contracts are under development, with the prospective contractor for signature, with the SCAQMD Board Chair for signature, or executed.

On May 4, 2018, the SCAQMD Governing Board approved twenty-seven awards under the Local Government Partnership Program and one award under the County Transportation Commission Partnership Program. These contracts are under development, undergoing internal review, with the prospective contractor for signature, with the SCAQMD Board Chair for signature, or executed.

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 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. VNG Lakeview has requested that negotiations be extended for an additional eighteen months; this is an item for consideration on the August agenda.

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

3 contracts from this work program year are open; and 2 are in “Open/Complete” status. One contract closed during this period: Regents of the University of California, Contract #MS08068 – Install Hydrogen Station.

FY 2007-08 Invoices Paid

No invoices were paid during this period.

FY 2008-09 Work Program Contracts

One contract from this work program year is open; and 4 are in “Open/Complete” status. One contract closed during this period: City of Fullerton, Contract #ML09035 – Purchase 2 Heavy-Duty CNG Vehicles and Install CNG station.

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 32 are in “Open/Complete” status. One contract closed during this period: City of Anaheim, Contract #MS11022 – Purchase 5 Heavy-Duty CNG Vehicles.

FY 2010-11 Invoices Paid

No invoices were paid during this period.

FY 2011-12 Work Program Contracts

10 contracts from this work program year are open, and 3 are in “Open/Complete” status. 2 contracts passed into “Open/Complete” status during this period: Bonita Unified School District, Contract #MS12008 – Install New Limited-Access CNG Station; and Brea Olinda Unified School District, Contract #MS12083 – Install New Limited-Access CNG Station. One contract closed during this period: Silverado Stages, Inc., Contract #MS12025 – Purchase 6 Medium-Heavy-Duty CNG Vehicles.

FY 2011-12 Invoices Paid

Two invoices totaling \$234,454.00 were paid during this period.

FYs 2012-14 Work Program Contracts

32 contracts from this work program year are open, and 24 are in “Open/Complete” status. 4 contracts closed during this period: City of Brea, Contract #ML14051 – Installation of Bicycle Trail; City of Redlands, Contract #ML14056 – Install Bicycle Lanes; City of Yucaipa, Contract #ML14094 – Install Bicycle Lanes; and Los Angeles County Metropolitan Transportation Authority, Contract #MS14001 – Clean Fuel Transit Service to Dodger Stadium.

FYs 2012-14 Invoices Paid

Three invoices totaling \$413,595.00 were paid during this period.

FYs 2014-16 Work Program Contracts

70 contracts from this work program year are open, and 19 are in “Open/Complete” status. 3 contracts passed into “Open/Complete” status during this period: City of Burbank, Contract #ML16059 – Purchase 6 Heavy-Duty Natural Gas Vehicles; Riverside County Department of Public Health, Contract #ML16068 – Implement “Open Streets” Events with Various Cities; and City of Norwalk, Contract #MS16114 – Repower 3 Transit Buses. One contract closed during this period: City of Moreno Valley, Contract #ML16078 – Install Bicycle Infrastructure and Implement Bicycle Education Program.

FYs 2014-16 Invoices Paid

Nine invoices totaling \$1,159,294.10 were paid during this period.

FYs 2016-18 Work Program Contracts

23 contracts from this work program year are open.

FYs 2016-18 Invoices Paid

Seven invoices totaling \$489,492.47 were paid during this period.

Administrative Scope Changes

3 administrative scope changes were initiated during the period of May 31 to July 25, 2018:

- City of Los Angeles, Contract #ML16016 (Purchase 21 Heavy-Duty CNG Vehicles) – Substitute three truck tractors for three of the street sweepers
- City of Yucaipa, Contract #ML16054 (Implement “Complete Streets” Project) – One-year no-cost term extension
- City of Santa Monica, Contract #MS12061 (Implement Westside Bikeshare Program – Three-month 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

May 31 to July 25, 2018

Contract Admin.	MSRC Chair	MSRC Liaison	Finance	Contract #	Contractor	Invoice #	Amount
<i>2011-2012 Work Program</i>							
6/21/2018	6/21/2018	6/21/2018	6/22/2018	MS12008	Bonita Unified School District	FINAL	\$175,000.00
6/21/2018	6/21/2018	6/21/2018	6/22/2018	MS12083	Brea Olinda Unified School District	FINAL	\$59,454.00
Total: \$234,454.00							
<i>2012-2014 Work Program</i>							
6/26/2018	6/29/2018	6/29/2018	7/10/2018	MS14072	San Bernardino County Transportation Authority	1	\$268,800.00
6/8/2018	6/13/2018	6/15/2018	6/20/2018	ML14094	City of Yucaipa	2802-FINAL	\$84,795.00
7/12/2018	7/18/2018	7/19/2018	7/25/2018	ML14033	City of Irvine	93280-FINAL	\$60,000.00
Total: \$413,595.00							
<i>2014-2016 Work Program</i>							
6/12/2018	6/13/2018	6/15/2018	6/20/2018	ML16016	City of Los Angeles, Department of General Serv	1	\$540,000.00
6/12/2018	6/13/2018	6/15/2018	6/20/2018	MS16099	Foothill Transit	1-Final	\$50,000.00
6/19/2018	6/21/2018	6/21/2018	6/22/2018	ML16068	Riverside County Dept of Public Health	FINAL	\$171,648.00
6/21/2018	6/21/2018	6/21/2018	6/22/2018	MS16103	Arrow Services, Inc.	Final	\$10,000.00
6/26/2018	6/29/2018	6/29/2018	7/10/2018	MS16086	San Bernardino County Transportation Authority	4	\$42,197.82
6/28/2018	6/29/2018	6/29/2018	7/10/2018	ML16064	County of Orange, OC Parks	P06,07,08-Fi	\$84,047.73
7/11/2018	7/18/2018	7/19/2018	7/25/2018	MS16092	San Bernardino County Transportation Authority	2-Final	\$157,272.53
7/17/2018				ML16018	City of Hermosa Beach	18943	\$23,768.44
7/18/2018	7/18/2018	7/19/2018	7/25/2018	MS16082	Riverside County Transportation Commission	01631	\$80,359.58
Total: \$1,159,294.10							
<i>2016-2018 Work Program</i>							
7/25/2018				MS18003	Geographics	18-20972	\$373.00
7/11/2018	7/18/2018	7/19/2018	7/25/2018	MS18003	Geographics	18-20986	\$207.75
6/12/2018	6/13/2018	6/15/2018	6/20/2018	MS18003	Geographics	18-20894,5,6	\$1,354.25
6/5/2018	6/13/2018	6/15/2018	6/20/2018	ML18019	City of Hidden Hills	1	\$10,000.00
7/17/2018	7/18/2018	7/19/2018	7/25/2018	MS18006	Anaheim Transportation Network	18,58615,59	\$9,488.22
7/17/2018	7/18/2018	7/19/2018	7/25/2018	MS18001	Los Angeles County MTA	800068317	\$468,050.00
6/21/2018	6/29/2018	6/29/2018	7/10/2018	MS18003	Geographics	18-20925	\$19.25

Contract Admin.	MSRC Chair	MSRC Liaison	Finance	Contract #	Contractor	Invoice #	Amount
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Total: \$489,492.47

Total This Period: \$2,296,835.57



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

8/9/2018

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?
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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 Sanita	10/31/2008	8/30/2010	8/28/2016	\$63,192.00	\$62,692.00	Off-Road Diesel Equipment Retrofit Program	\$500.00	No
MS07091	BusWest	10/16/2009	3/15/2010		\$33,660.00	\$33,660.00	Provide Lease for 2 CNG School Buses	\$0.00	Yes
MS07092	Riverside County Transportation Co	9/1/2010	10/31/2011		\$350,000.00	\$350,000.00	"511" Commuter Services Campaign	\$0.00	Yes

Total: 60

Closed/Incomplete Contracts

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

Total: 4

Open/Complete Contracts

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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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FY 2007-2008 Contracts

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?
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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
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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
ML09035	City of Fullerton	6/17/2010	6/16/2017	6/16/2018	\$450,000.00	\$450,000.00	2 Heavy-Duty CNG Vehicles & Install CNG	\$0.00	Yes
ML09037	City of Redondo Beach	6/18/2010	6/17/2016		\$50,000.00	\$50,000.00	Purchase Two CNG Sweepers	\$0.00	Yes
ML09038	City of Chino	9/27/2010	5/26/2017		\$250,000.00	\$250,000.00	Upgrade Existing CNG Station	\$0.00	Yes
ML09041	City of Los Angeles, Bureau of Sanit	10/1/2010	9/30/2017		\$875,000.00	\$875,000.00	Purchase 35 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML09042	Los Angeles Department of Water an	12/10/2010	12/9/2017		\$1,400,000.00	\$1,400,000.00	Purchase 56 Dump Trucks	\$0.00	Yes
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: 28

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
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: 4

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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FY 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
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
ML11027	City of Los Angeles, Dept. of Genera	5/4/2012	7/3/2015	1/3/2016	\$300,000.00	\$300,000.00	Maintenance Facility Modifications	\$0.00	Yes
ML11028	City of Glendale	1/13/2012	5/12/2018		\$300,000.00	\$300,000.00	Purchase 10 H.D. CNG Vehicles	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML11030	City of Fullerton	2/3/2012	3/2/2018		\$109,200.00	\$109,200.00	Purchase 2 Nat. Gas H.D. Vehicles, Retrofit	\$0.00	Yes
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: 26

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
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: 32

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

Open Contracts

ML12014	City of Santa Ana	11/8/2013	8/7/2020		\$384,000.00	\$4,709.00	9 H.D. Nat. Gas & LPG Trucks, EV Charging	\$379,291.00	No
ML12018	City of West Covina	10/18/2013	10/17/2020	8/17/2023	\$300,000.00	\$0.00	Expansion of Existing CNG Station	\$300,000.00	No
ML12043	City of Hemet	6/24/2013	9/23/2019		\$60,000.00	\$0.00	Two Heavy-Duty Nat. Gas Vehicles	\$60,000.00	No
ML12045	City of Baldwin Park DPW	2/14/2014	12/13/2020	6/13/2022	\$400,000.00	\$0.00	Install New CNG Station	\$400,000.00	No
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
MS12060	City of Santa Monica	4/4/2014	8/3/2017	11/3/2018	\$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
MS12084	Airport Mobil Inc.	12/6/2013	5/5/2020		\$150,000.00	\$0.00	Install New CNG Infrastructure	\$150,000.00	No

Total: 10

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-Access CNG Station	\$100,000.00	No
MS12027	C.V. Ice Company, Inc.	5/17/2013	11/16/2019		\$75,000.00	\$0.00	Purchase 3 Medium-Heavy Duty Vehicles	\$75,000.00	No
MS12030	Complete Landscape Care, Inc.				\$150,000.00	\$0.00	Purchase 6 Medium-Heavy Duty Vehicles	\$150,000.00	No
MS12067	Leatherwood Construction, Inc.	11/8/2013	3/7/2017		\$122,719.00	\$0.00	Retrofit Six Vehicles w/DECS - Showcase III	\$122,719.00	No
MS12070	Valley Music Travel/CID Entertainme				\$99,000.00	\$0.00	Implement Shuttle Service to Coachella Mus	\$99,000.00	No

Total: 12

Closed Contracts

ML12013	City of Pasadena	10/19/2012	3/18/2015	9/18/2015	\$200,000.00	\$65,065.00	Electric Vehicle Charging Infrastructure	\$134,935.00	Yes
ML12019	City of Palm Springs	9/6/2013	7/5/2015		\$38,000.00	\$16,837.00	EV Charging Infrastructure	\$21,163.00	Yes
ML12021	City of Rancho Cucamonga	9/14/2012	1/13/2020		\$40,000.00	\$40,000.00	Four Medium-Duty Nat. Gas Vehicles	\$0.00	Yes
ML12023	County of Los Angeles Internal Servi	8/1/2013	2/28/2015		\$250,000.00	\$192,333.00	EV Charging Infrastructure	\$57,667.00	Yes
ML12037	Coachella Valley Association of Gov	3/14/2013	3/13/2014		\$250,000.00	\$250,000.00	Street Sweeping Operations	\$0.00	Yes
ML12041	City of Anaheim Public Utilities Depa	4/4/2014	11/3/2015	11/3/2017	\$68,977.00	\$38,742.16	EV Charging Infrastructure	\$30,234.84	Yes
ML12042	City of Chino Hills	1/18/2013	3/17/2017		\$87,500.00	\$87,500.00	Expansion of Existing CNG Station	\$0.00	Yes
ML12049	City of Rialto Public Works	7/14/2014	9/13/2015		\$30,432.00	\$3,265.29	EV Charging Infrastructure	\$27,166.71	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML12050	City of Baldwin Park	4/25/2013	4/24/2014	10/24/2014	\$402,400.00	\$385,363.00	EV Charging Infrastructure	\$17,037.00	Yes
ML12054	City of Palm Desert	9/30/2013	2/28/2015		\$77,385.00	\$77,385.00	EV Charging Infrastructure	\$0.00	Yes
ML12056	City of Cathedral City	3/26/2013	5/25/2014		\$25,000.00	\$25,000.00	Regional Street Sweeping Program	\$0.00	Yes
ML12066	City of Manhattan Beach	1/7/2014	4/6/2015		\$5,900.00	\$5,900.00	Electric Vehicle Charging Infrastructure	\$0.00	Yes
MS12001	Los Angeles County MTA	7/1/2012	4/30/2013		\$300,000.00	\$211,170.00	Clean Fuel Transit Service to Dodger Stadium	\$88,830.00	Yes
MS12002	Orange County Transportation Authority	9/7/2012	4/30/2013		\$342,340.00	\$333,185.13	Express Bus Service to Orange County Fair	\$9,154.87	Yes
MS12003	Orange County Transportation Authority	7/20/2012	2/28/2013		\$234,669.00	\$167,665.12	Implement Metrolink Service to Angel Stadium	\$67,003.88	Yes
MS12005	USA Waste of California, Inc.	10/19/2012	8/18/2013		\$75,000.00	\$75,000.00	Vehicle Maintenance Facility Modifications	\$0.00	Yes
MS12006	Waste Management Collection & Re	10/19/2012	8/18/2013		\$75,000.00	\$75,000.00	Vehicle Maintenance Facility Modifications	\$0.00	Yes
MS12012	Rim of the World Unified School Dist	12/20/2012	5/19/2014		\$75,000.00	\$75,000.00	Vehicle Maintenance Facility Modifications	\$0.00	Yes
MS12025	Silverado Stages, Inc.	11/2/2012	7/1/2018		\$150,000.00	\$150,000.00	Purchase Six Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12059	Orange County Transportation Authority	2/28/2013	12/27/2014		\$75,000.00	\$75,000.00	Maintenance Facilities Modifications	\$0.00	Yes
MS12061	Orange County Transportation Authority	3/14/2014	3/13/2017		\$224,000.00	\$114,240.00	Transit-Oriented Bicycle Sharing Program	\$109,760.00	Yes
MS12062	Fraser Communications	12/7/2012	5/31/2014		\$998,669.00	\$989,218.49	Develop & Implement "Rideshare Thursday"	\$9,450.51	Yes
MS12064	Anaheim Transportation Network	3/26/2013	12/31/2014		\$127,296.00	\$56,443.92	Implement Anaheim Circulator Service	\$70,852.08	Yes
MS12065	Orange County Transportation Authority	7/27/2013	11/30/2013		\$43,933.00	\$14,832.93	Ducks Express Service to Honda Center	\$29,100.07	Yes
MS12068	Southern California Regional Rail 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 Authority	12/6/2013	3/5/2016		\$125,000.00	\$18,496.50	Implement Rideshare Incentives Program	\$106,503.50	Yes
MS12089	Riverside County Transportation 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: 34

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
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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
ML12046	City of Irvine	8/11/2013	3/10/2021		\$30,000.00	\$30,000.00	One Heavy-Duty Nat. Gas Vehicle	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML12047	City of Orange	2/1/2013	1/31/2019		\$30,000.00	\$30,000.00	One Heavy-Duty Nat. Gas Vehicle	\$0.00	Yes
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
MS12008	Bonita Unified School District	7/12/2013	12/11/2019	4/11/2021	\$175,000.00	\$175,000.00	Construct New Limited-Access CNG Station	\$0.00	Yes
MS12009	Sysco Food Services of Los Angeles	1/7/2014	4/6/2020		\$150,000.00	\$150,000.00	Construct New Public-Access LNG Station	\$0.00	Yes
MS12010	Murrieta Valley Unified School 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
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
MS12083	Brea Olinda Unified School District	7/30/2015	2/29/2024		\$59,454.00	\$59,454.00	Install New CNG Infrastructure	\$0.00	Yes
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: 34

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	9/1/2019	\$230,000.00	\$0.00	Maintenance Fac. Modifications-Westcheste	\$230,000.00	No
ML14024	County of Los Angeles Department o	10/2/2015	9/1/2017	9/1/2019	\$230,000.00	\$0.00	Maintenance Fac. Modifications-Baldwin Par	\$230,000.00	No
ML14025	County of Los Angeles Dept of Publi	10/2/2015	7/1/2018	7/1/2024	\$300,000.00	\$0.00	Construct New CNG Station in Malibu	\$300,000.00	No
ML14026	County of Los Angeles Dept of Publi	10/2/2015	5/1/2023	5/1/2024	\$300,000.00	\$0.00	Construct New CNG Station in Castaic	\$300,000.00	No
ML14027	County of Los Angeles Dept of Publi	10/2/2015	5/1/2023	6/1/2024	\$500,000.00	\$0.00	Construct New CNG Station in Canyon Coun	\$500,000.00	No
ML14030	County of Los Angeles Internal Servi	1/9/2015	3/8/2018	6/8/2019	\$425,000.00	\$25,000.00	Bicycle Racks, Outreach & Education	\$400,000.00	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
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
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	\$268,800.00	Implement Various Signal Synchronization P	\$981,200.00	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
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: 31									
Declined/Cancelled Contracts									
ML14063	City of Hawthorne				\$32,000.00	\$0.00	Expansion of Existng CNG Infrastructure	\$32,000.00	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
ML14051	City of Brea	9/5/2014	1/4/2017	7/4/2018	\$450,000.00	\$450,000.00	Installation of Bicycle Trail	\$0.00	Yes
ML14054	City of Torrance	11/14/2014	4/13/2017	7/13/2017	\$350,000.00	\$319,908.80	Upgrade Maintenance Facility	\$30,091.20	Yes
ML14056	City of Redlands	9/5/2014	5/4/2016	5/4/2018	\$125,000.00	\$125,000.00	Bicycle Lanes	\$0.00	Yes
ML14065	City of Orange	9/5/2014	8/4/2015		\$10,000.00	\$10,000.00	Electric Vehicle Charging Infrastructure	\$0.00	Yes
ML14094	City of Yucaipa	6/9/2017	6/8/2018		\$84,795.00	\$84,795.00	Installation of Bicycle Lanes	\$0.00	Yes
MS14001	Los Angeles County MTA	3/6/2015	4/30/2015		\$1,216,637.00	\$1,199,512.68	Clean Fuel Transit Service to Dodger Stadiu	\$17,124.32	Yes
MS14002	Orange County Transportation Autho	9/6/2013	4/30/2014		\$576,833.00	\$576,833.00	Clean Fuel Transit Service to Orange Count	\$0.00	Yes
MS14003	Orange County Transportation Autho	8/1/2013	4/30/2014	10/30/2014	\$194,235.00	\$184,523.00	Implement Metrolink Service to Angel Stadiu	\$9,712.00	Yes
MS14004	Orange County Transportation Autho	9/24/2013	4/30/2014		\$36,800.00	\$35,485.23	Implement Express Bus Service to Solar De	\$1,314.77	Yes
MS14005	Transit Systems Unlimited, Inc.	4/11/2014	2/28/2016		\$515,200.00	\$511,520.00	Provide Expanded Shuttle Service to Hollyw	\$3,680.00	Yes
MS14007	Orange County Transportation Autho	6/6/2014	4/30/2015		\$208,520.00	\$189,622.94	Implement Special Metrolink Service to Ang	\$18,897.06	Yes
MS14008	Orange County Transportation Autho	8/13/2014	5/31/2015		\$601,187.00	\$601,187.00	Implement Clean Fuel Bus Service to Orang	\$0.00	Yes
MS14009	A-Z Bus Sales, Inc.	1/17/2014	12/31/2014	3/31/2015	\$388,000.00	\$388,000.00	Alternative Fuel School Bus Incentive Progra	\$0.00	Yes
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: 27									
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
ML14033	City of Irvine	7/11/2014	2/10/2021	2/10/2022	\$60,000.00	\$60,000.00	Purchase 2 H.D. CNG Vehicles	\$0.00	Yes
ML14034	City of Lake Elsinore	9/5/2014	5/4/2021		\$56,700.00	\$56,700.00	EV Charging Stations	\$0.00	Yes
ML14061	City of La Habra	3/11/2016	3/10/2022		\$41,600.00	\$41,270.49	Purchase Two Heavy-Duty Nat. Gas Vehicle	\$329.51	Yes
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 3 Medium-Duty and 1 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	\$23,768.44	Purchase 2 M.D. Nat. Gas Vehicles, Bicycle	\$5,751.56	No
ML16019	City of Los Angeles, Dept of General	1/25/2017	3/24/2020		\$102,955.00	\$0.00	Install EV Charging Infrastructure	\$102,955.00	No
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	4/21/2024	\$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	5/10/2020	\$498,750.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$498,750.00	No
ML16054	City of Yucaipa	3/26/2016	7/26/2018	7/26/2019	\$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	\$157,632.73	Implement "Open Streets" Events with Vario	\$46,440.27	No
ML16066	City of Long Beach Public Works	1/13/2017	9/12/2018		\$75,050.00	\$0.00	Implement an "Open Streets" Event	\$75,050.00	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
ML16122	City of Wildomar	6/8/2018	6/7/2019		\$500,000.00	\$0.00	Install Bicycle Lanes	\$500,000.00	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	\$337,519.71	Extended Freeway Service Patrols	\$253,239.29	No
MS16086	San Bernardino County Transportatio	9/3/2016	10/2/2021		\$800,625.00	\$186,030.87	Freeway Service Patrols	\$614,594.13	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	\$242,016.53	Implement a Series of "Open Streets" Event	\$7,983.47	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	Yes
MS16102	Nasa Services, Inc.	2/21/2017	4/20/2023		\$100,000.00	\$90,000.00	Construct a Limited-Access CNG Station	\$10,000.00	No
MS16103	Arrow Services, Inc.	2/3/2017	4/2/2023		\$100,000.00	\$100,000.00	Construct a Limited-Access CNG Station	\$0.00	Yes
MS16105	Huntington Beach Union High School	3/3/2017	7/2/2024		\$175,000.00	\$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
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

Total: 70

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
Pending Execution Contracts									
MS16106	City of Lawndale				\$175,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$175,000.00	No
MS16111	VNG 925 Lakeview Avenue, LLC				\$150,000.00	\$0.00	Construct Public Access CNG Station in Pla	\$150,000.00	No
Total: 2									
Declined/Cancelled Contracts									
ML16014	City of Dana Point				\$153,818.00	\$0.00	Extend an Existing Class 1 Bikeway	\$153,818.00	No
ML16065	City of Temple City				\$500,000.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$500,000.00	No
ML16067	City of South El Monte				\$73,329.00	\$0.00	Implement an "Open Streets" Event	\$73,329.00	No
ML16074	City of La Verne	7/22/2016	1/21/2023		\$365,000.00	\$0.00	Install CNG Fueling Station	\$365,000.00	No
MS16043	LBA Realty Company LLC				\$100,000.00	\$0.00	Install Limited-Access CNG Station	\$100,000.00	No
MS16080	Riverside County Transportation Co				\$1,200,000.00	\$0.00	Passenger Rail Service for Coachella and St	\$1,200,000.00	No
MS16098	Long Beach Transit				\$198,957.00	\$0.00	Provide Special Bus Service to Stub Hub Ce	\$198,957.00	No
MS16104	City of Perris				\$175,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$175,000.00	No
MS16107	Athens Services				\$100,000.00	\$0.00	Construct a Limited-Access CNG Station	\$100,000.00	No
MS16108	VNG 5703 Gage Avenue, LLC				\$150,000.00	\$0.00	Construct Public-Access CNG Station in Bell	\$150,000.00	No
MS16109	Sanitation Districts of Los Angeles C				\$275,000.00	\$0.00	Expansion of an Existing L/CNG Station	\$275,000.00	No
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
ML16068	Riverside County Dept of Public Heal	12/2/2016	8/1/2018		\$171,648.00	\$171,648.00	Implement "Open Streets" Events with Vario	\$0.00	Yes
ML16073	City of Long Beach Public Works	1/13/2017	7/12/2017		\$50,000.00	\$50,000.00	Implement an "Open Streets" Event	\$0.00	Yes
ML16078	City of Moreno Valley	5/6/2016	11/5/2017	5/5/2018	\$32,800.00	\$31,604.72	Install Bicycle Infrastructure & Implement Bi	\$1,195.28	Yes
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
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
Total: 19									
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
MS16114	City of Norwalk	3/3/2017	6/2/2024		\$45,000.00	\$32,170.00	Repower 3 Transit Buses	\$12,830.00	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: 18									

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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FY 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
ML18028	City of Artesia	6/28/2018	3/27/2025		\$50,000.00	\$0.00	Install EVSE	\$50,000.00	No
ML18030	City of Grand Terrace	6/28/2018	3/27/2022		\$45,000.00	\$0.00	Install EVSE	\$45,000.00	No
ML18034	City of Calabasas	6/8/2018	3/7/2022		\$50,000.00	\$0.00	Install EVSE	\$50,000.00	No
ML18037	City of Westminster	6/28/2018	6/27/2024		\$120,900.00	\$0.00	Install EVSE, Purchase up to 3-LD ZEV & 1-	\$120,900.00	No
ML18039	City of Redlands	6/28/2018	7/27/2024		\$87,000.00	\$0.00	Purchase 1 Medium/Heavy-Duty ZEV and In	\$87,000.00	No
ML18042	City of San Fernando	6/28/2018	2/27/2024		\$10,000.00	\$0.00	Purchase 1 Light-Duty ZEV	\$10,000.00	No
ML18045	City of Culver City Transportation De	6/28/2018	6/27/2025		\$51,000.00	\$0.00	Purchase Light-Duty ZEV	\$51,000.00	No
ML18048	City of Lynwood	6/28/2018	10/27/2024		\$93,500.00	\$0.00	Purchase Up to 3 Medium H.D. Zero-Emissi	\$93,500.00	No
ML18049	City of Downey	7/6/2018	5/5/2023		\$148,260.00	\$0.00	Install EVSE	\$148,260.00	No
MS18001	Los Angeles County MTA	6/29/2017	4/30/2018		\$807,945.00	\$468,050.00	Provide Clean Fuel Transit Service to Dodge	\$339,895.00	No
MS18002	Southern California Association of G	6/9/2017	11/30/2018	6/30/2019	\$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	\$48,479.86	Design, Host and Maintain MSRC Website	\$8,473.14	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	\$9,488.22	Implement Anaheim Circulator Service	\$210,075.78	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
MS18018	City of Norwalk	6/8/2018	9/7/2019		\$75,000.00	\$0.00	Vehicle Maintenance Facility Modifications	\$75,000.00	No
MS18023	Riverside County Transportation Co	6/28/2018	6/27/2021		\$500,000.00	\$0.00	Weekend Freeway Service Patrols	\$500,000.00	No
MS18024	Riverside County Transportation Co	6/28/2018	8/27/2021		\$1,500,000.00	\$0.00	Vanpool Incentive Program	\$1,500,000.00	No

Total: 26

Pending Execution Contracts

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
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
ML18038	City of Anaheim				\$221,500.00	\$0.00	Purchase 5 Light-Duty ZEVs and Install EVS	\$221,500.00	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
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
ML18046	City of Santa Ana				\$385,000.00	\$0.00	Purchase 6 Light-Duty ZEVs, 9 Heavy-Duty	\$385,000.00	No
ML18047	City of Whittier				\$113,910.00	\$0.00	Purchase 5 Heavy-Duty Near ZEVs	\$113,910.00	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				\$94,624.00	\$0.00	Purchase 1 Med. H.D. ZEV and EV Chargin	\$94,624.00	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				\$125,690.00	\$0.00	Purchase 2 Light-Duty ZEVs, Install EVSE &	\$125,690.00	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
ML18074	City of Buena Park				\$107,960.00	\$0.00	EV Charging Infrastructure	\$107,960.00	No
ML18076	City of Culver City Transportation De				\$1,130.00	\$0.00	Purchase Light-Duty ZEV	\$1,130.00	No
ML18077	City of Orange				\$59,776.00	\$0.00	Four Light-Duty ZEV and EV Charging Infr	\$59,776.00	No
ML18078	County of Riverside				\$425,000.00	\$0.00	17 Heavy-Duty Vehicles	\$425,000.00	No
ML18079	Pasadena Water & Power				\$183,670.00	\$0.00	EV Charging Infrastructure	\$183,670.00	No
ML18080	City of Santa Monica				\$121,500.00	\$0.00	EV Charging Infrastructure	\$121,500.00	No
ML18081	City of Beaumont				\$31,870.00	\$0.00	EV Charging Infrastructure	\$31,870.00	No
ML18082	City of Los Angeles Bureau of Sanita				\$900,000.00	\$0.00	Purchase Medium-Duty Vehicles and EV Ch	\$900,000.00	No
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
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
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: 53									
Declined/Cancelled Contracts									
ML18075	City of Orange				\$25,000.00	\$0.00	One Heavy-Duty Vehicle	\$25,000.00	No
MS18013	California Energy Commission				\$3,000,000.00	\$0.00	Advise MSRC and Administer Hydrogen Infr	\$3,000,000.00	No
Total: 2									

AGENDA ITEM #3

AB 2766 Discretionary Fund Financial Report

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

Available Funding as of July 31, 2018 (a)	\$ 46,102,839
Less Awards by Work Program: (b)	
FY 2014-16	\$ (2,012,329)
FY 2016-18	<u>(20,322,480)</u>
Total Awards by Work Program:	(22,334,809)
Less Balance of FY 2014-16 and FY 2016-18 Work Programs (funding not yet awarded)	<u>(18,616,002)</u>
Sub-total - Surplus/(Deficit)	\$ 5,152,028
Estimated Revenue (d)	<u>36,004,700</u>
Estimated Available for the FY 18/19 - 19/20 Work Program	<u>\$ 41,156,728</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	111,000	1,045,500	2,843,500
Local Government Match	21,180,650	873,201	8,573,771	11,733,678
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	2,000,000	4,000,000	2,000,000
FY 16-18 Totals	\$ 47,530,674	\$ 9,092,192	\$ 20,322,480	\$ 18,116,002

- (d) Estimated revenue is the FY 2017-18 June revenue & FY 2018-19/2019-20 full year estimates. Any change to Health & Safety Code 44243 could affect future revenue.

AGENDA ITEM #4

Contract Modification Request by
Southern California Association of Governments

MSRC Agenda Item No. 4

DATE: August 16, 2018

FROM: Cynthia Ravenstein

SUBJECT: Modified Project List and Six-Month No-Cost Term Extension by Southern California Association of Governments (SCAG), Contract #MS18002

SYNOPSIS: In order to meet match funding requirements more expeditiously, SCAG requests to add a project by the Los Angeles Department of Transportation and SCAG's own "Go Human Loaner" program to the previously-approved list of projects. Additionally SCAG requests a six-month term extension to provide schedule flexibility for partner cities, as part of the FYs 2016-18 SCAG Regional Active Transportation Program.

FINANCIAL IMPACT: None

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

ATTACHMENTS: Contractor's letter requesting modification and proposed modified project list

DISCUSSION:

Contractor: Southern California Association of Governments
Project Title: "Go Human" Regional Active Transportation Program
MSRC Funding: \$2,500,000
Project Term: June 9, 2017 to June 30, 2019
Current Request: Add matching projects and six-month term extension
Previous Requests: Substitute projects and seven-month term extension

Project Description: The MSRC allocated \$2.5 million to partner with SCAG on their broad-based regional active transportation outreach, education and demonstration program dubbed "Go Human". The MSRC's allocation was based upon SCAG's commitment to provide matching funds of at least an equivalent amount. Additionally, 80% of the MSRC's contribution was to be split equally amongst projects in the Los Angeles, Orange, Riverside, and San Bernardino Counties, with the remainder of the MSRC's funding awarded competitively. Contract #MS18002 was executed to effectuate the award, and the MSRC approved the specific list of projects in August 2017. Some of the individual projects have been completed, but nothing has been paid to date on this contract.

Previous Request: SCAG indicated that some cities had opted out of the program. In keeping with the MSRC's specified geographic funding split, SCAG identified substitute projects within the same counties. SCAG also requested a seven-month term extension to accommodate the substitutions as well as some delays in their matching projects. The MSRC approved the requests.

Contract Request: Contract #MS18002 requires that co-funding be expended proportionally with MSRC funding. Delays in some of the previously approved matching projects have thus delayed SCAG's ability to seek reimbursement for some of the MSRC-funded projects. SCAG requests to add two matching projects to the approved list in order to expedite reimbursement. If approved, MSRC would not be reimbursing for these projects, but they would be counted towards match funding requirements.

The first new project, the Los Angeles Department of Transportation's Vision Zero Program, aims to raise awareness of traffic safety and motivate behavior change to reduce fatalities. Safety is seen as an impediment to walking and biking, so SCAG anticipates that addressing safety issues will increase walking and biking user numbers.

The second new project, SCAG's own Go Human Loaner Program, will develop a modularized kit of parts that can be leveraged by partners to deploy Go Human elements at local government-organized events. This program is expected to allow at least six events to deploy demonstrations while minimizing the administrative and logistical work.

SCAG further requests a six-month term extension to provide schedule flexibility for partner cities.

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



June 28, 2018

Mobile Source Air Pollution Reduction Review Committee
21865 Copley Drive
Diamond Bar, CA 91765

Re: Amendment Request Contract MS18002A

Dear Ms. Ravenstein-

SCAG is requesting a contract amendment for contract number MS 18002A to update the contract termination date and the project list. To summarize, SCAG is submitting an amendment request to:

- Extend the contract deadline to December 31, 2019. The timeline request provides schedule flexibility for partner cities to host events that maximize benefits. The additional time will provide the opportunity for Buena Park to fund raise and plan for a significantly larger event.
- Include additional matching projects that have been developed to augment the program. These projects will reduce air quality impacts both on the day of the event as well as the long term.
 - Los Angeles Department of Transportation Vision Zero Program: The Los Angeles Department of Transportation (LADOT) will work with a consultant to develop updated Vision Zero messaging for its ongoing citywide education campaign, which aims to raise awareness of traffic safety and motivate behavior change to reduce fatalities. In addition, LADOT will work with a consultant to implement a Vision Zero Community-Based Education project. Partnering with a community-based organization, the consultant will work to empower and train local voices in Southwest Los Angeles and support local leaders to implement a community-driven Vision Zero education campaign. LADOT's efforts will help reinforce and expand the reach of SCAG's *Go Human* campaign, which addresses the high numbers of traffic crashes resulting in death and serious injury throughout the region. Safety is seen as an impediment to walking and biking, so it's anticipated that addressing safety issues will increase walking and biking user numbers.
 - Go Human Events: The Go Human Loaner Program will expedite the process by which local agencies can deploy demonstrations in support of local planning efforts. The program will develop a smaller, more modularized kit of parts that can be leveraged by partners to deploy Go Human elements at city or county-organized events. Such a system is expected to increase the influence of the

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Transportation
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County



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Transportation
Curt Hagman, San Bernardino
County

campaign by allowing more cities to deploy Go Human demonstrations, while also minimizing the administrative and logistical work. SCAG will implement at a minimum six events.

SCAG appreciates MSRC's consideration of these proposed amendments and looks forward to delivering high quality events with impactful outcomes as well as raising the visibility of our respective agencies and the innovative work being executed.

If you have any questions, please don't hesitate to contact me.

Regards,

A handwritten signature in black ink, appearing to read 'S. Patchan', is written over a white background.

Stephen Patchan
Program Manager

Southern California Association of Governments

Amended Implementation Program

	County	City	Project	Description	Fund Source	Funding Amount
1	LA	Walnut Park	Walnut Park Demonstration Project	The County of Los Angeles will host a demonstration project in the unincorporated community of Walnut Park. This project will test out active transportation roadway design elements such as bulb-outs, enhanced crosswalks, wider sidewalks/bikeway, and lane conversions on Pacific Blvd between Florence Avenue and Cudahy Street. The final deliverables include a written summary report of the event, and a guide for organizing and conducting future demonstration projects.	MSRC	\$ 170,000
2	LA	Culver City	Culver City Go Human	The City of Culver City is planning to host a demonstration event that complements community outreach efforts for the City's Bicycle and Pedestrian Plan and is the catalyst for improvements along a high priority corridor. The selected corridor will host a temporary demonstration project that will provide real time examples of possible improvements. The event will provide an opportunity for the City to collect feedback for permanent project development.	MSRC	\$ 86,666
3	LA	La Canada Flintridge	La Canada Flintridge Go Human	The City of La Canada Flintridge will implement an active transportation demonstration project to increase walking and biking in the city. The event will be the first active transportation related event in the City and will provide a strong foundation to implement initiatives to increase biking and walking. The event will include an open streets event and a temporary demonstration cycle track to inform residents and community leaders on best design practices.	MSRC	\$ 81,666
4	LA	Los Angeles City	Los Angeles Safe Routes To School Go Human	The City of Los Angeles will implement several demonstrations associated with implementation of its Safe Routes to School Strategic Plan. The event will illustrate future improvements, showcasing possible design solutions and soliciting comments from residents. The event will include programming to broadcast traffic safety messaging and active transportation encouragement initiatives	MSRC	\$ 80,000
5	LA	Baldwin Park	Baldwin Park Go Human Bike---Friendly Business Program	The Baldwin Park Go Human Bike---Friendly Business Program is designed to highlight the bicycle as not just a recreational activity but a sustainable development tool. The project will use the Go Human campaign and materials as a starting point to develop a localized, comprehensive Bicycle---Friendly Business District program in Baldwin Park that supports local retail, commercial and public institutions via educational outreach, encouragement programming, and materials development that can be utilized by other SGVCOG cities, and potentially by other SCAG member cities and counties.	MSRC	\$ 168,500
6	LA	West Covina	West Covina	The City of West Covina will implement an event to promote the city's goals of accommodating multi-modal mobility, accessibility and safety needs while improving access and circulation for all users of city streets. The city hopes to use the event to help in implementing a complete streets policy and to build support for the development of a Comprehensive Bicycle Master Plan and for completing the Glendora Avenue Revitalization Project.	MSRC	\$ 81,666
7	LA	San Gabriel Valley	Arrow Highway	The Arrow Highway Complete Street Demonstration Project is a regional partnership with San Dimas, La Verne, Pomona, Glendora and the San Gabriel Valley COG and affiliated cities. Temporary, multi-day installations of Protected Bikeways and pedestrian safety improvements will educate and engage community members, showing how a proposed Complete Street may look, and allow feedback to shape the future project and create a concept for possible installation.	MSRC	\$ 256,500
8	LA	Long Beach DHHS	Long Beach Safe Routes to School Program	The Health Department will implement a Safe Routes to School (SRTS) Program that will target elementary schools where at least 80% of the population is eligible for free or reduce price meals. The goal is to decrease collisions and increase walking and biking to school by: -Implementing SRTS activities at up to 25 elementary schools -Training staff to facilitate bike and ped safety workshops at schools -Utilizing advertising & education strategies to encourage safe driving near schools	SCAG	\$ 250,000
9	LA	South El Monte	South El Monte Open Streets	The South El Monte Open Street event will encourage active transportation modes of bicycling and walking as means of transportation. Street closures will transform city streets into temporary non-motorized urban greenways, connecting South El Monte residents to local schools and community destinations. The open streets program is meant to highlight and complement ongoing/existing efforts to realize a more bike/pedestrian-friendly South El Monte and provide options for residents to walk and bike more to alleviate reliance on car use.	MSRC	\$ 275,000

Southern California Association of Governments
Amended Implementation Program

	County	City	Project	Description	Fund Source	Funding Amount
10	LA	El Monte	Greater El Monte Go Human Bike-Friendly Business Program	The proposed project will use Go Human campaign and materials as a starting point to develop a localized, comprehensive Bicycle-Friendly Business program in the cities of El Monte and South El Monte. The project will support local retail, commercial and public institutions via educational outreach, interactive encouragement programming, and program materials that can be utilized by other SGVCOG cities, and potentially by other SCAG member cities.	SCAG-ATP	\$ 196,552
11	LA	LA	LA DOT Vision Zero Program	Vision Zero works to provide for safer streets for all modes of transportation by creating education and awareness of traffic related deaths in order to change driving behavior. It also seeks to install infrastructure which increases the safety on the street for all users. These safer streets will also offer encouragement for more walking and biking. More people choosing active forms of transportation will reduce the amount of VMT and GHG emissions in the City.	ATP	\$ 350,000
12	OC	Orange County	Hazard Ave Demonstration Project	The Orange County Hazard Avenue event will demonstrate class IV bicycle facilities on Hazard Avenue. The event will allow the County to test the design and collect stakeholder input that will provide direction in final design. The event will also provide opportunities for the County and partnering cities to broadcast safety and encouragement messaging.	MSRC	\$ 200,000
13	OC	Costa Mesa	Merrimac Way Cycle Trac and Fairview Park Community Event	Project will host a cycle demonstration project on Merrimac Way for one month in order to gather feedback from residents and stakeholders. Fairview Park community event will provide information on how to travel to the park by using active transportaton as well as provide information and encouragement for active transportation and Park active transportation amenities.	MSRC	\$ 160,000
14	OC	Buena Park	Beach Boulevard Open Streets	The event will implement an open streets event on Beach Boulevard in order to introduce place making concepts and strategies on to the corridor. The event could possibly include multiple jurisdictions that connects a several business district to each other as well as providing a direct connection to the beach. The project will commence a mulit community initiative to host open streets on a frequent basis as well as test innovative approaches to infrastructure design.	MSRC	\$ 140,000

Southern California Association of Governments
Amended Implementation Program

	County	City	Project	Description	Fund Source	Funding Amount
15	OC	Santa Ana	City of Santa Ana - Pedestrian and Bicyclist Education Campaign	The project will increase the share of active transportation and remedy the share of potential safety hazards that contribute to bicycle and pedestrian fatalities. This will be done through advertisements, distribution of collateral materials, bicycle safety courses, saturation patrols, bicycle rodeos, safety fairs, and development of school curriculum. An event will be hosted to demonstrate planned improvements for residents and stakeholders to provide feedback and to learn about the project benefits.	SCAG-ATP	\$ 500,000
16	RIV	Wildomar	City of Wildomar Active Transportation Plan	The City of Wildomar will implement a one day open streets event that will include a temporary demonstration of a priority corridor identified through the concurrent Active Transportation Plan development process. The event will provide a robust and unique public engagement opportunity for the parallel Active Transportation Plan process development.	MSRC	\$ 100,000
17	RIV	Lake Elsinore	Go Human	The City of Lake Elsinore is proposing to host an open streets demonstration project that will serve the purpose of encouraging the use of active transportation, promoting pedestrian and bicycle safety and showcasing potential facility improvements. The event would close public streets to vehicular traffic and invite people to experience the street on foot and by bike, allowing them to experience what potential infrastructure changes could look and feel like and provide feedback to city staff.	MSRC	\$ 150,000
18	RIV	Riverside	Go Human	The City of Riverside would like to host an event to demonstrate possible active transportation improvements as part of future planning efforts.. The event will include at least one temporary demonstration event that will initiate community discussion on general active transportation encouragement efforts as well as promote possible infrastructure the city will consider in future improvements associated with high quality transit areas.	MSRC	\$ 150,000
19	RIV	La Quinta	Go Human	The City of La Quinta will implement an event in the La Quinta Village to provide education and public engagement opportunities about the benefits of complete streets, highlight ATP funded improvements in La Quinta Village, and provide a showcase of resident generated ideas for physical improvements in the area to address land use, mobility and health. The City hopes this event would help in creating a template for future public engagement efforts around land use and mobility planning.	MSRC	\$ 100,000
20	RIV	San Jacinto	Envision San Jacinto	Envision San Jacinto' Open Streets project is an opportunity to promote and educate residents about the benefits of safe, active transportation and demonstrate how proposed transportation improvements can make walking and biking a fun and viable form of transportation. Street closures along San Jacinto Ave. between Main and 7th Ave. will introduce Temporary Pop-Up roundabouts, mini-circles, and crosswalk pavement art, allowing participants to experience proposed transportation improvements.	SCAG	\$ 147,600
21	SBD	SBCTA	San Bernardino County Safe Routes to Schools Program	The project will implement active transportation events supporting the County's Safe Routes to School Program. The Program and events will implement education, encouragement, enforcement and evaluation at 25 schools. The project will host a multiple walking and bicycling events to educate students regarding safety and to increase the number of students walking and biking to school.	MSRC	\$ 250,000
22	SBD	SBCTA	San Bernardino County Safe Routes to Schools Program	The project will implement active transportation events supporting the County's Safe Routes to School Program. The Program and events will implement education, encouragement, enforcement and evaluation at 25 schools. The project will host a multiple walking and bicycling events to educate students regarding safety and to increase the number of students walking and biking to school. (This is the matching component of the project listed above.)	SCAG-ATP	\$ 637,000
23	SBD	Chino	Go Human	The project will implement a temporary demonstration and open streets event that showcases future events outlined in the City's Bicycle and Pedestrian Master plan. The Event will survey residents and stakeholders to prioritize projects and refine design concepts. In addition, the event will broadcast safety information and encouragement messaging.	MSRC	\$ 125,000
24	SBD	Ontario	Go Human	The City of Ontario wishes to capitalize on completion of the G Street Crosstown Bike Route by conducting an open streets event in conjunction to encourage active transportation use and teach bike and pedestrian safety. These projects would also help in building community interest in biking, especially among children commuters and local residents, creating a framework for how to get public input on active transportation for future outreach efforts and connecting potential cyclists to local advocacy groups to provide support for active transportation.	MSRC	\$ 125,000

Southern California Association of Governments
Amended Implementation Program

	County	City	Project	Description	Fund Source	Funding Amount
25	All	All	Go Human Advertising Campaign	This project will continue the successful a multimedia Go Human marketing campaign across Southern California. The campaign will adress real and percieved safety issues and encourage additional trips by walking and bicycling to reduce vehicle miles traveled. Two rounds of media will be conducted over the spring and fall of 2018 targeting drivers, bicyclists and pedestrians.	SCAG-OTS	\$ 500,000
26	All	All	Go Human Project Manager	The Go Human Project manager will provide project oversight and management of program staff and consultants. Duties include day to day oversight of consultant tasks outlined in each consultant contract that pertain to advisory committee facilitation, public outreach, event planning, temporary installation design, programming coordination and day of logistics. The Project Manager will also oversee communications and marketing tasks implemented primarily by SCAG staff with supplemental assistance by consultants on a project by project basis.	SCAG	\$ 70,035
27	All	All	Go Human Loaner Program	The Go Human Loaner Program will expedite the process by which local agencies can deploy demonstrations in support of local planning efforts. The program will develop a smaller, more modularized kit of parts that can be leveraged by partners to deploy Go Human elements at city or county-organized events. Such a system is expected to increase the influence of the campaign by allowing more cities to deploy Go Human demonstrations, while also minimizing the administrative and logistical work	OTS	\$ 350,000
28	All	All	Disadvantaged Communities Planning Program	Host (6) Go Human Events as part of six (6) active transportation plans in disadvantaged communities that will "pilot" an innovative planning methodology to deliver low-cost, local plans across the region by leveraging regional planning tools (health/active transportation models and active transportation database) .	ATP	\$ 480,000
					TOTAL PROGRAM VALUE :	\$ 6,181,185

AGENDA ITEM #5

Contract Modification Request by
City of Santa Monica

MSRC Agenda Item No. 5

DATE: August 2, 2018

FROM: Cynthia Ravenstein, MSRC Contracts Administrator

SUBJECT: Nine-Month Term Extension by City of Santa Monica, Contract #MS12060

SYNOPSIS: The City requests a nine-month term extension as part of the FY 2011-12 Transit-Oriented Bicycle Sharing Program due to the update of their travel demand forecasting model taking longer than expected.

FINANCIAL IMPACT: None

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

ATTACHMENTS: Contractor's letter requesting modification

DISCUSSION:

Contractor: City of Santa Monica

Project Title: Westside Bikeshare Program

MSRC Funding: \$500,000

Project Term: April 4, 2014 to August 3, 2018 (three-month extension underway)

Current Request: Nine-month term extension

Previous Requests: One-year term extension

Project Description: The MSRC awarded the City \$500,000 to implement an expansion of the planned Westside Bikeshare Program, covering Santa Monica as well as potential locations in other Westside sites. Capital equipment acquisition and systems integration is complete, and operations are well underway; \$434,202 has been paid to date under this contract.

Previous Request: The City indicated that they were working with other Westside agencies (West Hollywood, Beverly Hills, UCLA and Long Beach) to develop and test the integration of their disparate bike share systems with the City's system. Additionally, the City was in the process of updating their Travel Demand Forecasting Model to include bike share data. The City requested a twelve-month extension to complete the work. This modification was processed administratively.

Contract Request: The City indicates that the process of updating their Travel Demand Forecasting Model took even longer than expected, and the work to incorporate new data

sources will not begin until this fall. This is necessary to fulfill their project evaluation obligations. The City requested a twelve-month extension to complete the work. Due to the contract's impending termination on August 3, 2018, a three-month extension is being processed administratively to allow an opportunity for the MSRC to consider the remainder of the request. Therefore, a nine-month term extension would fulfill the request.

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



June 29, 2018

South Coast Air Quality Management District
Attn: Cynthia Ravenstein, MSRC Contract Administrator
21865 Copley Drive
Diamond Bar, CA 91765-4178
MS-12060

Subject: Term Extension Request for Contract Number MS12060 City of Santa Monica Bike Share

Dear Ms. Leah Alfaro,

The City of Santa Monica requests a Term Extension of 12 months for contract MS 12060 City of Santa Monica Bike Share. Per our last contract extension, Task 3.d of the contract Statement of Work to develop and test the integration of disparate bike share systems in the Westside Cities (West Hollywood, Beverly Hills, UCLA Campus, and Long Beach) has been completed and implemented. However, pursuant to Tasks 5.b and 5.c the City the process of updating Santa Monica's Travel Demand Forecasting Model to include bike share data was delayed last year and the work to incorporate new data sources will not begin until fall of this year 2018. The technical complexity of this task has resulted in project delays. The 12-month extension will enable the City to complete in full all aspects of the initially defined Statement of Work.

Thank you for considering this request. Let me know if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Kyle Kozar", with a long, sweeping horizontal line extending to the right.

Kyle Kozar
Bike Coordinator, City of Santa Monica

AGENDA ITEM #6

Contract Modification Request by
City of Highland

MSRC Agenda Item No. 6

DATE: August 16, 2018

FROM: Cynthia Ravenstein

SUBJECT: Two-Year Term Extension by City of Highland, Contract #ML16071

SYNOPSIS: The City requests a two-year contract term extension as part of the FYs 14-16 Local Government Match Program due to the time-consuming requirements associated with the project's federal Projects of National and Regional Significance program co-funding.

FINANCIAL IMPACT: None

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

ATTACHMENTS: Contractor's letter requesting modification

DISCUSSION:

Contractor: City of Highland

Project Title: Implement Boulder Avenue "Complete Streets" Project

MSRC Funding: \$264,500

Project Term: May 5, 2017 to January 4, 2020

Current Request: Two-year term extension

Previous Requests: None

Project Description: The MSRC awarded the City \$264,500 to implement the Boulder Avenue "Complete Streets" project, installing enhancements to encourage pedestrian and bicycle traffic along a two-mile segment of Boulder Avenue. No work has been completed and nothing has been paid to date on this contract.

Contract Request: The MSRC-funded project is part of a larger project which also includes signal synchronization, pavement rehabilitation, median curbs, and other improvements. The City's co-funding for the project as a whole comes from the federal Projects of National and Regional Significance (PNRS) program. As such, the City must follow the federal process for each phase of the work, including obtaining National Environmental Policy Act clearance. These processes are taking longer than anticipated. In order to minimize the potential for additional modifications, the City requests a two-year contract term extension to complete the project.

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



June 4, 2018

Leah Alfaro
South Coast AQMD/MSRC
21865 Copley Drive
Diamond Bar, CA 91765

Subject: **Contract No. ML16071**
Request for Time Extension
Boulder Avenue" Complete Street" Project

Dear Leah:

As previously discussed, the subject project has been awarded funding from two grant programs, \$2,000,000 from the federal Projects of National and Regional Significance (PNRS) program, and \$264,500 from the Mobile Source Pollution Reduction Review Committee (MSRC) program. Because of the magnitude of the PNRS improvements, the City of Highland needs to request a time extension for the MSRC funding in order for construction of the elements of both programs to coincide.

The City of Highland hereby requests a 2-year time extension to complete construction and file a Final Report for the subject project. With approval of this request for an extension of time to complete the project, the schedule would be changed as shown in the following table.

EXISTING AND PROPOSED PROJECT SCHEDULE		
Milestone	EXISTING SCHEDULE	PROPOSED SCHEDULE (AFTER EXTENSION)
Contract ML16071 Executed	5/5/2017	5/5/2017
Collect pre-project counts	12/5/2017	6/4/2018
Complete Design	11/5/2018	4/4/2019
Submit Public Outreach Plan	11/5/2018	5/8/2018
Complete Const. Engineering	3/5/2020	2/4/2021
Complete Infrastructure	1/5/2020	12/4/2020
Implement Outreach Plan	1/1/2019	12/4/2019 and 12/4/2020
Collect Post Project Counts	4/5/2020	1/4/2021
Final Report	4/5/2020	3/4/2021
Quarterly Reports	Beginning 9/30/17 thru 12/31/2020	Beginning 9/30/17 thru 12/31/2021

Mayor
Larry McCallon

Mayor Pro Tem
Jesse Chavez

City Council
Penny Lilburn

City Council
Anaeli Solano

City Council
John P. Timmer

City Manager
Joseph A. Hughes

27215 Base Line, Highland, CA 92346

Tel: (909) 864-6861 • Fax: (909) 862-3180 • Web: www.cityofhighland.org

Background and Reason for Extension:

The subject project has been awarded Grant funding from two programs:

- Mobile Source Reduction Review Committee (MSRC) \$264,500
- Federal Projects of Regional and National Significance (PNRS) \$2,000,000

The MSRC project includes street and trail entrance lighting, sidewalk and bus stop access, ramps and ADA modifications, parkway landscaping and irrigation and bikeway improvements, and is a smaller part of the PNRS project. The PNRS project includes additional project components which are not eligible for MSRC funding such as signal synchronization, pavement rehabilitation, median curbs, match-up paving, median landscaping, irrigation, and bridge and sound-wall modifications.

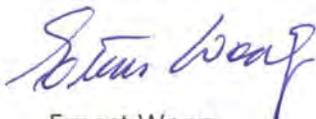
Because the PNRS program is a federal program, the City must follow the federal process in each phase of the work, which can be time consuming. The project requires NEPA clearance prior to continuing to the final design and construction phases. The City has no control over the review schedule by other governing agencies, and the NEPA process may take a much longer time to complete.

Assuming optimistically the NEPA process is completed by October 2018, and allowing 6 months to complete the final design; 3 months to obtain Caltrans authorization to proceed with construction (E-76); 3 months to advertise for and award construction bids; 2 months for the contractor to mobilize and start construction; 12 months for the construction to be completed; 1 month to perform post project counts; 2 months to prepare and submit the final report; we can estimate that the project will take a minimum of 29 months until March 4, 2021, to close out. The above schedule of time assumes that there will be no further delay in project development.

The current MSRC contract deadline to complete the project is January 4, 2020. A 1-year extension to January 4, 2021 will not provide adequate time to complete the project including any contingency in the project timeline as it is common for projects to experience unexpected delays. We feel it prudent to request that the deadline for MSRC funding be extended 2 years to January 4, 2022.

Thank you for your consideration.

Sincerely,



Ernest Wong
Public Works Director/City Engineer

AGENDA ITEM #7

Contract Replacement Request by
City of South Pasadena

MSRC Agenda Item No. 7

DATE: August 16, 2018

FROM: Cynthia Ravenstein, MSRC Contracts Administrator

SUBJECT: Authorize Issuance of New Contract to Complete Work Initiated by City of South Pasadena under Contract #ML14066

SYNOPSIS: The MSRC awarded the City \$142,096 to install an approximately 0.6 mile segment of a Class I Bikeway. The City completed the work, but a safety concern delayed opening of the trail until June 2018. 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: \$142,096 towards the Bikeway is committed under #ML14066, 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 of a \$142,096 replacement contract.

DISCUSSION: The MSRC awarded the City \$142,096 to install an approximately 0.6 mile segment of a Class I Bikeway, which provides a completely separated right-of-way designated for the exclusive use of bicycles and pedestrians. The contract term was later extended by a total of eighteen months to allow time for the City to identify additional funding. The trail has now been completed and nothing has been paid to date on this contract.

In early February 2018, the City indicated there were delays in opening the trail due to a safety concern. When MSRC staff informed the City that they could not be reimbursed for construction until the trail was opened, there was a misunderstanding and the City did not realize that they would also need to extend the contract. The contract lapsed on February 11, 2018.

The trail opened on June 6, 2018. On June 27, 2018, the City submitted a request to complete the project.

SCAQMD recommends that a new contract be executed to complete the project, should the MSRC wish to grant the City's request.

Nothing has been paid to date on the previous contract, so the new contract value would be \$142,096.

Recommendations: The MSRC-TAC has reviewed the request and recommends approval of a \$142,096 replacement contract.



CITY OF SOUTH PASADENA
1414 MISSION STREET, SOUTH PASADENA, CA 91030
TEL: (626) 403-7210 • FAX: (626) 403-7211
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June 27, 2018

Ms. Cynthia Ravenstein
SCAQMD/ MSRC
21865 Copley Drive
Diamond Bar, CA 91765

RE: Contract # AB2766/ ML14066 Bicycle Trail Improvements

Dear Ms. Ravenstein,

The City of South Pasadena requests replacement to the subject contract and extension to the above referenced grant to June 30, 2018 in order to receive the final Notice of Completion for the project. The project has been completed and the notice of completion has been submitted to City Council for approval. The project was delayed due to unforeseen environmental and safety issues which pushed the project timelines out while studies were conducted. To date, all issues have been resolved.

Thank you for your assistance with this grant fund extension

Sincerely,


Karen Aceves
Management Analyst



AGENDA ITEM #8

FY 2018-19 MSRC Administrative Budget

MSRC Agenda Item No. 8

DATE: August 16, 2018

FROM: Fred Minassian

SUBJECT: FY 2018-19 Administrative Budget

SYNOPSIS: As part of the annual MSRC budget, administrative costs are limited to not more than 6.25 percent of the annual MSRC portion of the AB 2766 revenues. Each year, an administrative budget is prepared. For FY 2018-19, the projected administrative costs are \$763,238 against a cap of \$1,012,500.

RECOMMENDATION(S): The MSRC-TAC reviewed the attached FY 2018-19 Administrative Budget and recommends approval.

WORK PROGRAM IMPACT: Seventy-five (75) percent of the technical advisor's contract, or an estimated amount of \$116,667, is chargeable to the FY 2018-19 Work Program. There are no other work program impacts.

BACKGROUND:

California Health & Safety Code, Section 44233, limits the administrative expenses for the MSRC to not more than 6.25 percent of its annual AB 2766 revenues. Each year, an administrative budget is prepared for review and approval by the MSRC.

DISCUSSION:

The proposed FY 2018-19 Administrative Budget is \$763,238 as shown in the attachment. The projected 6.25 percent administrative cap is \$1,012,500, leaving a margin of \$249,262. The following elements apply to these projections:

(1) Staff Salaries:

Costs are projected for three full-time staff positions (one Staff Specialist and two Contracts Assistants), and a part time position (Senior Administrative Secretary).

(2) Staff Administrative Support

SCAQMD charges MSRC for certain support functions provided to the MSRC. This includes legal, financial, and contractual support.

(3) Burdened Rates:

SCAQMD charges MSRC burdened rates for its staff positions and other administrative support personnel. The fully burdened hourly rate reflects the FY 2018-19 proposed overhead rates and the existing SCAQMD labor agreement resulting in an increase of \$17,913 in staffing costs.

(4) Miscellaneous Direct Costs:

These costs include: (1) 25 percent of the technical advisor's contract costs, in an estimated amount of \$38,889; (2) annual travel costs of \$2,500; (3) \$5,000 for conference related expenses and (4) miscellaneous expenses, such as printing, mailing, refreshments, etc., in the amount of \$48,500.

(5) Revenues:

Based on receipts for the AB 2766 program, the revenue projection has been revised to reflect the current trend in revenue collections.

In summary, the projected FY 2018-19 Administrative Budget reflects the best and most reasonable cost estimates available at this time.

ATTACHMENT:

Spreadsheet outlining Proposed FY 2018-19 Administrative Budget

Mobile Source Air Pollution Reduction Review Committee

Fiscal Year 2018-19 Proposed Administrative Budget

Staff	FY 2017/18 Adopted Budget			FY 2018/19 Proposed Budget				
	Hours	Fully Burdened Rate	Budget	Hours	Fully Burdened Rate	Budget	Recognize in AQMD Budget	
							Work Program	Account #
Staff Administrative Support								
Senior Deputy District Counsel	260	\$ 138.25	\$ 35,945	260	\$ 142.01	\$ 36,923		
Financial Analyst	90	105.58	\$ 9,502	90	108.47	\$ 9,762		
Procurement Manager	300	135.15	\$ 40,545	300	138.83	\$ 41,649		
Secretary	40	70.25	\$ 2,810	40	72.20	\$ 2,888		
Staff Specialist	220	105.69	\$ 23,252	220	108.58	\$ 23,888		
Contracts Assistant	220	70.25	\$ 15,455	220	72.20	\$ 15,884		
Fiscal Assistants (2)	20	66.39	\$ 1,328	20	68.25	\$ 1,365		
Accounting Technician	20	74.50	\$ 1,490	20	76.57	\$ 1,531		
Senior Accountant	10	96.46	\$ 965	10	99.11	\$ 991		
Total Staff Administrative Support	1,180		\$ 131,291	1,180		\$ 134,881		
Contract Administration & Program Support	(a)			(a)				
Staff Specialist	1,900	\$ 105.69		1,900	\$ 108.58			
Senior Administrative Secretary	600	85.64		600	88.01			
Contracts Assistant	1,900	70.25		1,900	72.20			
Contracts Assistant	1,900	70.25		1,900	72.20			
Total Contract Administration & Program Support	6,300		\$ 519,145	6,300		\$ 533,468		
SUBTOTAL STAFFING COSTS			\$ 650,436			\$ 668,349		
Miscellaneous Direct Costs								
Professional & Special Services			\$ 9,000			\$ 9,000	44003	67450
Public Notice			8,000			8,000	44003	67500
Communications			5,000			5,000	44003	67900
Postage			7,500			7,500	44003	68060
Office Expense/Supplies			12,000			12,000	44003	68100
Miscellaneous Expense			7,000			7,000	44003	69700
Conference- Related Expense			5,000			5,000	44003	69700
Technical Advisor (25%) (b)			37,450			38,889		
Travel Costs			2,500			2,500	44003	67800
Fixed Assets			-			-		
Total Miscellaneous Direct Costs			\$ 93,450			\$ 94,889		
Total MSRC Admin Costs	7,480		\$ 743,886	7,480		\$ 763,238		
Estimated 6.25% Admin Cap			\$ 1,012,500			\$ 1,012,500		
Amount (Over)/Under MSRC 6.25% Admin Cap			\$ 268,614			\$ 249,262		

(a) The Staff Specialist and Contracts Assistants (2) are budgeted for 100 overtime hours each.
 (b) The projection for Technical Advisor expense projection is based on the current contract.

Fully Burdened Rate includes:
 57.12% Benefits
 12.5% Overhead
 29.2% General & Administrative

AGENDA ITEM #9

Consider Potential Updates to MSRC Website and
Contract Value Increase by Geographics

MSRC Agenda Item No. 9

DATE:	August 16, 2018
FROM:	Gretchen Hardison, Chair, MSRC-TAC Administrative Subcommittee
SUBJECT:	Consider Potential Updates to MSRC Website and \$6,000 Contract Value Increase by Geographics, Contract #MS18003 (\$56,953 – Design, Host and Maintain MSRC Website)
SYNOPSIS:	<p>At their April 19, 2018 meeting, the MSRC asked staff to investigate adding the Google Translate service to the MSRC’s http://www.cleantransportationfunding.org website. Geographics, the company which maintains the site under Contract #MS18003, estimates the cost to add this feature at \$600. MSRC staff have also identified other potential updates for consideration, as well as the addition of undesignated funds to address critical updates as they arise.</p>
RECOMMENDATION:	The MSRC-TAC recommends approval of the specified updates and a \$6,000 contract value increase.
FISCAL IMPACT:	Sufficient funding for this contract value increase is available in the AB 2766 Discretionary Fund and will be included in the FYs 2018-20 Work Program.

Discussion

As part of the MSRC’s approval of a \$56,953 contract award to Geographics to develop, host and maintain a new www.CleanTransportationFunding.org website, the MSRC included a \$5,178 contingency/on-call reserve to be used only with prior written approval from the MSRC Contracts Administrator.

Subsequent to the approval and launch of the new site in December 2017, a number of issues have arisen which necessitated tapping into this reserve, including but not limited to:

- It was necessary to provide for the \$190 cost of renewal of various CleanTransportationFunding domains (.com, .info, .net and .org). This was undertaken for two years; then the domains must be renewed.
- The specialized @CleanTransportationFunding.org e-mail addresses which had been established by the preceding contractor stopped working several months after site launch. As these addresses are included in many MSRC materials, it was urgent to re-establish e-mail services. At a cost of \$779, e-mail service is renewed through May 2021.

- Additionally, it came to staff's attention that the home page design did not display the primary buttons—Request for Proposals, Upcoming Meetings, News and Sign-in—on some computers without the need to scroll down the page. Some users might not know that the content was available. Adjustments to the display were completed for \$202.
- The site originally launched with the ability for applicants to edit or delete their proposals. This was not desired and was removed at a cost of \$44.
- Final reports migrated from the previous site were not designated as approved, and thus were not displaying on the front end. Rather than require MSRC staff to expend many hours changing the designations individually, they were updated *en masse* for \$254.

At the April 19, 2018 MSRC meeting, MSRC Member Martinez questioned whether Google Translate service could be added to the site. Geographics has provided a quote of \$600 for this update. While this work could be accomplished within the existing contract balance, it raised concerns that there might not be sufficient funds to address critical future needs on an urgent basis. The MSRC-TAC Administrative Subcommittee reviewed the Google Translate service addition as well as the following potential updates, for which cost estimates have not yet been obtained:

- Troubleshoot and correct test e-mails functions
- Add feature for changing display order of RFP postings
- Troubleshoot and correct Contractor Online Summary function

Recommendations

The MSRC-TAC reviewed the recommendations of its Administrative Subcommittee and recommends the addition of the Google Translate service, as well the other updates listed above. The Administrative Subcommittee further recommends a \$6,000 contract value increase. Aside from the amount needed for the identified updates, the remaining funds would be applied to the on-call reserve. As with the earlier contingency/on-call reserve, Geographics would not have access to the funds without the MSRC Contracts Administrator's written approval.

AGENDA ITEM #10

Consider Applications Received Under the
Local Government Partnership Program



MSRC Agenda Item No. 10

DATE: August 16, 2018

FROM: Cynthia Ravenstein, MSRC Contracts Administrator, on behalf of 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 fifty-five applications totaling \$8,446,972. Nineteen additional applications requesting a total of \$1,476,700 are being brought forward for consideration.

RECOMMENDATION: The MSRC-TAC reviewed the recommendations of its Local Government Match Subcommittee and recommends approval of nineteen awards totaling \$1,476,700 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 Subcommittee’s recommendation is approved, \$11,256,978 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 fifty-five applications totaling \$8,446,972. Nineteen additional applications requesting a total of \$1,476,700, 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 nineteen awards totaling \$1,476,700 as shown below.

Table 1 – Recommended Awards

NO	Jurisdiction	Project Type(s)	Funding Request
19A*	City of San Fernando	Citywide signal synchronization	\$20,000
57	City of South El Monte	EV charging infrastructure (at least two public access Level II stations)	\$30,000
58	City of Orange	Heavy-duty near-zero vehicles (dump truck and sewer truck)	\$50,000
59	City of Los Angeles, Bureau of Street Lighting	EV charging infrastructure (at least sixty public access Level II stations)	\$300,000
60	City of Murrieta	EV charging infrastructure (at least two public access Level II stations and at least two public access Level III/Fast Charge stations)	\$143,520
61	City of Big Bear Lake	Install bicycle path	\$50,000
62	City of Glendora	Medium-duty ZEV (transit van)	\$50,760
63	City of Santa Clarita	EV charging infrastructure (at least eight limited access Level II stations)	\$122,000
64	City of Temecula	EV charging infrastructure (at least sixteen public access stations)	\$141,000
65	City of South Pasadena	Light-duty ZEVs (two pool vehicles) and EV charging infrastructure (at least one limited access Level III/Fast Charge station)	\$50,000
66	City of Monterey Park	Heavy-duty near-zero vehicle (transit bus)	\$25,000
67	City of Laguna Woods	EV charging infrastructure (at least two public access stations)	\$50,000
68	City of Gardena	Heavy-duty near-zero vehicle (street sweeper)	\$25,000
69	City of Highland	Light-duty ZEV (specific type TBD) and EV charging infrastructure (at least three public access stations)	\$70,210
70	City of Temple City	Light-duty ZEVs (two utility vehicles)	\$16,000
71	City of Redondo Beach	EV charging infrastructure (at least five public access stations and at least one limited access station)	\$89,400
72	City of Laguna Hills	EV charging infrastructure (at least four public access Level II stations and at least two public access Level III/Fast Charge stations)	\$50,000
73	City of Brea	EV charging infrastructure (at least thirteen public access Level II stations)	\$56,500
75	City of Burbank	EV charging infrastructure (at least twenty public access Level II stations)	\$137,310
			\$1,476,700

* The signal synchronization element of the City of San Fernando’s application was previously not awarded funding (April 2018), because the installation of signal cabinets in and of itself does not achieve emission reductions. The City has modified that portion of their application to encompass the completion of the signal synchronization.

In late June, the MSRC’s Programmatic Outreach Coordinator the Better World Group e-mailed and called all cities who had not yet submitted applications. The Better World Group did not receive a single return call. Responses to e-mails were better, with many cities confirming their intent to pursue the funding. Three indicated that they would not apply.

The application submission period has now closed. There were a total of 109 unique applicants, several of whom submitted multiple applications. Those applications received subsequent to Burbank's are currently undergoing review.

AGENDA ITEM #11

Consider Work Plan Received Under the
CTC Partnership Program



MSRC Agenda Item No. 11

DATE: August 16, 2018

FROM: Kelly Lynn, MSRC-TAC TCM Subcommittee Chair

SUBJECT: Application Received under the CTC Partnership Program

SYNOPSIS: As an element of their FY 2016-'18 Work Program, the MSRC allocated \$8.0M to implement projects that have potential to enhance mobility while improving air quality in the South Coast District. The MSRC Program seeks to enter into partnerships with the County Transportation Commissions that have historically taken the lead in implementing mobility improvement strategies. The MSRC has targeted \$2.0M per County in MSRC **Clean Transportation Funding**™ to be administered by each county's respective Transportation Commission.

The Orange County Transportation Authority (OCTA) has submitted an application seeking to apply their \$2.0 million CTC Partnership funding allocation towards the implementation of three (3) projects: 1) OC Flex Micro-transit Pilot Project; 2) Installation of a hydrogen detection system at an existing OCTA bus maintenance facility to accommodate maintenance of zero-emission hydrogen fuel cell buses, and 3) Implementation of a College Pass transit fare subsidy Program.

The MSRC-TAC recommends that the MSRC approve this funding request in the amount of \$2.0M.

WORK PROGRAM IMPACT: The MSRC has allocated \$8.0M in FY 2016-'18 Discretionary Funds to implement the CTC Partnership Program.

PROJECT OVERVIEW: The Orange County Transportation Authority (OCTA) has submitted an application under the MSRC's CTC Partnership Program seeking to apply their \$2.0 million CTC Partnership funding allocation towards the implementation of three (3) projects, as follows:

OC Flex Micro-Transit Pilot Project – Micro-transit is an on-demand and shared-ride service that can extend the reach of the fixed-route system by providing connections to areas that may not be served by

regular transit. As part of OC Bus 360°, the OCTA developed a one-year pilot project, known as OC Flex, to provide micro-transit services to low-demand and/or new markets through shared-ride, curb-to-curb/hub-to-hub service in two zones; one in the City of Huntington Beach, and one in the cities of Aliso Viejo, Laguna Niguel, and Mission Viejo. These service areas are typically not transit dependent and one of the goals of the program is to attract new riders by connecting them to key transit and train stations. The Huntington Beach service will connect to high quality transit at the Golden West Transit Center. The service in Aliso Viejo, Laguna Niguel, and Mission Viejo will connect to the Mission Viejo/Laguna Niguel Metrolink Station.

The goal is for 25% of the rides to be shared and 25% of the rides connect to high quality transit services. Additionally, service will utilize on-demand dispatching software for reservations, scheduling, and fare payment and unlike traditional fixed route transit services, the vehicles will only run if they are carrying passengers. OCTA will use Ford Transit Connect vans to provide the services.

Installation of a Hydrogen Detection System - As part of the purchase and use of the hydrogen fuel cell electric buses, OCTA will install a hydrogen detection system in several buildings where preventive maintenance, body work, washing, and heavy-duty repair services are performed, including the hydrogen station compound and fuel island.

The detection system includes the following components: H₂ gas detectors, H₂ flame detectors, control panels, electrical conduit and wiring, building interior and exterior annunciation (H₂ gas detection warning lights and horns), fire alarm interfacing, system programming commissioning, and testing. The detectors will be wired into OCTA’s alarm and fire control panels.

Implementation of a College Pass Transit Fare Subsidy Program - The College Pass Program provides free rides to students during a special start up period as an incentive to promote the College Pass Program. After the start up period, a student fee must be passed by the majority of the students via an election to continue the program at the expense of the college and students, for an additional period of time. Based on an analysis of Fullerton College, the current ridership/revenue forecast estimates the individual fee at a similar sized college would be approximately \$4 per full-time student and \$3 per part-time student. The final fee will be based on the specific college, student participation, and ridership.

The College Pass Program will promote transit ridership among college students and is projected to reduce 234,650 automobile trips annually and 2,111,850 annual vehicle miles travelled.

Proposed Budget:

	MSRC Funding Request	Percent MSRC	OCTA Co-Funding	Project Fare Revenue Applied	Total Project Cost
OC Flex Pilot Project	\$1,146,000	89%	\$0	\$135,000	\$1,281,000
Hydrogen Detection Project	\$642,000	78%	\$176,015	\$0	\$818,015
College Pass Program	\$212,000	100%	\$0	\$0	\$212,000
Total	\$2,000,000	87%	\$176,015	\$135,000	\$2,311,015

MSRC-TAC RECOMMENDATION: The MSRC-TAC reviewed this funding request and recommends approval.

AGENDA ITEM #12

Consider Applications Received Under the
Major Event Center Transportation Program

MSRC Agenda Item No. 12

DATE: August 16, 2018

FROM: Kelly Lynn, MSRC-TAC TCM Subcommittee Chair

SUBJECT: Two applications have been received under the FY 2016-'18 Major Event Center Transportation Program: 1) Consider funding award of \$252,696 in MSRC **Clean Transportation Funding™** for implementation of Special Metrolink Train Service to the 2018 Festival of Lights held in downtown Riverside; 2) Consider MSRC-TAC recommendation to not award funding for Rose Bowl Event Shuttle Service.

SYNOPSIS: In response to MSRC Program Announcement PA2017-05, Major Event Center Transportation Programs, two additional proposals have been received and reviewed by the MSRC-TAC. SCRRA/Metrolink is requesting \$252,696 to implement special Metrolink train service for the 2018 Festival of Lights event to be held in downtown Riverside. Secondly, the Rose Bowl and transportation partners Foothill Transit and All Access Staff, LLC request \$788,123.60 for expanded transit service to the Rose Bowl for the 2018 and 2019 seasons. A subsequent clarification by the Rose Bowl reduced the request to \$344,850.40 for the 2018 Rose Bowl season only.

RECOMMENDATION: The MSRC-TAC recommends that SCRRA be awarded \$252,696 to implement the Festival of Lights special train service. With respect to the Shuttle Service in support of Rose Bowl events, the MSRC-TAC recommends MSRC funding not be awarded for the reasons specified in this staff report.

WORK PROGRAM IMPACT: **Clean Transportation Funding™** to co-fund applications recommended under the Major Event Center Transportation Program would be allocated from the FY 2016-'18 MSRC Discretionary Fund.

Festival of Lights Special Train Service - The Festival of Lights (FOL) in Downtown Riverside takes place over a period of six (6) weeks and runs seven (7) days a week during the winter holiday season, traditionally commencing after the Thanksgiving Day holiday.

Metrolink's 2018 FOL Special Train Service will begin with the Friday, November 23rd Switch-On Ceremony and continue through Saturday, December 15th. The most congested times are Friday and Saturday nights; as such, Metrolink's special service is designed to address these peak traffic periods.

Metrolink will operate eight (8) special trains to the Riverside Downtown Train Station on three service routes:

- 1) Los Angeles to Riverside on the 91/Perris Valley Line (PVL) (2 Round-Trips)
- 2) Laguna Niguel to Riverside on the Inland Empire/Orange County Line (1 Round-Trip)
- 3) Perris – South to Riverside on the 91/PVL Line (1 Round-Trip)

Note that the above special train routes include intermittent stops to maximize utilization of the service. The Downtown Riverside Metrolink Station is located approximately six to eight blocks from the Mission Inn and FOL events.

In 2017, Metrolink provided train service for 11,274 riders with standing room only crowds on some services. The 2017 Metrolink FOL service plan has taken this into account and is planning for more service, and more staffing. Total ridership for 2018 is estimated to exceed 13,000 one-way trips, a 15% increase over 2017.

The Riverside Transit Agency (RTA) is providing ten (10) dedicated busses to provide free transfer service for Metrolink FOL ticketholders from the Riverside Downtown Metrolink station to the Mission Inn, each with one operator and one ambassador. This bus service will provide 600-passenger peak capacity and will begin at approximately 4:30 p.m. to meet the Metrolink special trains as well as regular Metrolink trains. In addition, there are designated pedestrian paths to the venues that are clearly marked and have enhanced lighting.

Discounted Tickets and Free Children's Promotional Offer continues for 2018: Metrolink and its partners plan to offer the special discounted ticket rate service to the Festival of Lights toward operational costs and to direct in-kind marketing efforts to the marketing and advertising outreach to promote the Metrolink service. Last year as part of the special event pricing, persons 18 and under rode for free, and adult tickets were \$7.00, which was well received. The plan is to continue that program for 2018. Most of the riders last year were traveling long distances from Los Angeles Union Station or Fullerton. For the Friday trains the regular adult round-trip fare from Los Angeles is \$26 and from Fullerton is \$20. This year with the added train from Laguna Niguel the fare will be discounted from \$23.50 down to \$7 per adult. This promotional fare is a significant step to introduce riders to the special events trains, but also gives new riders an opportunity to try Metrolink and potentially become regular riders throughout the year.

Funding Request: SCRRRA requests MSRC funding in the amount of \$252,696. The Mission Inn and Spa, Metrolink, and RCTC are committed to provide no less than \$262,804 in marketing, advertising, and station support for the special train service and shuttles with value-in-kind and cash funding.

Marketing & Promotion: The proposed 2018 FOL Marketing Plan is designed to promote, educate and increase ridership on Metrolink Train Service and connectivity on its 91/Perris Valley Lines and IEOC Lines, and to reduce emissions by taking cars off the major arterial freeways into Downtown (91 Freeway, 215 and 60 Freeways).

Metrolink and the project supporters including the Mission Inn Hotel, RTA, City of Riverside, RCTC, OCTA, and Metro will actively promote the FOL special service to the 2018 events. All entities will collaborate and provide additional marketing and advertising support for the event utilizing their assets and communication channels.

Emission Reduction Benefits: A net air quality benefit can be achieved from this project if the Metrolink locomotives are rated at Tier 4 and the train ridership levels are at or near seated capacity. Based on projected ridership levels, both four and six-car trainsets utilizing a single Tier 4 locomotive have the potential to realize a net reduction in NOx and particulate matter criteria air pollutant emissions if targeted ridership levels are realized.

The MSRC will be funding FOL trains that have a high potential to yield an air quality benefit, while co-funding will be used to fund trains that have shown lower utilization. In addition, SCRRRA will make adjustments to departing train schedules to improve efficiency and reduce the probability that trains will be operating with few passengers.

MSRC-TAC Recommendation: The MSRC-TAC reviewed the SCRRRA FOL application and recommends an award in the amount of \$252,696 to SCRRRA for Special Train Service to the Festival of Lights for the 2018 season.

Rose Bowl Stadium – Foothill Transit/All Access Staff Shuttle Enhancement Project - Foothill Transit currently provides shuttle service from the Parsons Engineering Building in downtown Pasadena to the Rose Bowl in support of UCLA Bruins Football games and select special events. Foothill Transit and their venue partner the Rose Bowl propose to extend this existing shuttle service to additional events scheduled in 2018 and 2019. The total funding request is \$788,083.60 in MSRC **Clean Transportation Funding™**. The amount of co-funding offered by the project proponents is \$792,360.45.

The additional Rose Bowl events for which shuttle transportation services will be provided and for which MSRC funding is sought include:

- Arroyo Seco Music and Arts Festival - a two-day music and arts festival in June 2018 and potentially a three-day festival in 2019 (anticipated dates: June 23-24, 2018 and June 21-23, 2019). The festival accounts for four - five events over the two-year period;
- Five international soccer matches (dates: May 28, 2018, July 25, 2018 and July 28, 2018 and tentative dates for 2019 are June 8, 2019 and July 24, 2019);
- Six to seven anticipated concerts (dates: May 18 & 19, 2018, August 18, 2018, September 22 & 23, 2018 and two concerts TBD in 2019 (tentative dates are May 18, 2019 and August 17, 2019));
- One additional UCLA football game each even year (date for 2018 is Saturday September 1, 2018).

The Rose Bowl Stadium will provide a total of approximately 16,444 parking spaces for attendees with five off-site parking and pick-up locations for the Project:

- Parsons Site located at 100 West Walnut Street in Pasadena;

- Pasadena City College (PCC) campus located at 1570 East Colorado Boulevard in Pasadena;
- Pasadena City College Community Education Center (East PCC) campus located at 3035 East Foothill Boulevard in Pasadena;
- Santa Anita Park located at 285 West Huntington Drive in Arcadia;
- The University of Southern California (USC) Parking Center (USC) located at 343 South Grand Street in Los Angeles.

The proposed Parsons lot shuttle service is in close proximity to the Metro Memorial Park station. Currently, shuttle patrons at event such as UCLA football games walk a short distance, approximately two blocks, from the Metro Station to the Parsons Engineering Building where they access the Rose Bowl shuttle service.

The vehicles proposed to conduct the shuttle service are 2010 emissions compliant buses. There is a possibility that 2 to 3 zero emission buses may be available after October 2018. The average number of buses anticipated to be deployed in support of the music festival is 34; this number could grow to 45 to 50 buses if the music festival has greater attendance in 2019.

Funding Request: The Rose Bowl and Transit Partner Foothill Transit and All Access Staff request \$455,854 for the 2018 season and \$332,269.60 for the 2019 season events. The total funding request for two years is \$788,123.60. This would cover direct costs associated with the shuttle service, supervisors, and fuel. Co-funding offered by the Rose Bowl is approximately 50% of the total project cost at \$792,360.45

The Rose Bowl also clarified that they would be willing to reduce the scope of Rose Bowl Shuttle service to the 2018 season only. The MSRC funding request amount to implement the 2018 Rose Bowl season is \$344,850.40

Subcommittee Recommendation: The TCM Subcommittee reviewed the Rose Bowl application and identified the following issues:

- The buses do not appear to be at capacity other than for a relatively short peak period – Based on the parking accommodations included in the proposal, and the number of buses expected to be deployed, it appears that the buses will not operate at full capacity the majority of the time. During a peak arrival period the buses will likely be at capacity, but buses continue to circulate regardless of the level of ridership.
- The bus deadhead miles will likely significantly exceed the automobile miles eliminated – evaluating the shuttle circulation plan and ridership estimates, it appears that this project design will result in a high bus vehicle miles traveled in which there are few, if any, passengers on board. These deadhead miles and miles accrued with few passengers result in excess bus emissions that are not offset by the displacement of automobile miles.
- The buses are not low emitting by today's standards – the buses intended to be used meet the 2010 heavy-duty emissions standards but do not meet the CARB definition of low emission (Optional NOx standards). Thus, while fueled with CNG, they still contribute to the overall

emissions associated with the project. The project applicant did clarify that there is a potential that two or three zero emissions buses might be deployed post October 2018; however, this is following the largest events and no guaranteed zero emission bus use can be made at this time.

- Applying an Average Vehicle Ridership Factor (AVR) further limits the number of automobile trips actually reduced. Most attendees at Rose Bowl functions are not single occupant vehicle drivers, but instead drive to the Rose Bowl with an additional person or persons. Assuming an average vehicle ridership on the order of 2.5 persons, similar to the metric applied to other event center project, has the effect of dividing the bus passenger count by that value to determine the actual number of auto trips eliminated.
- Having shuttle patrons drive to the pickup location does not eliminate an automobile “trip” – it only reduces “VMT” and thus the project cannot take into account the additional automobile emission reductions that could be counted if the entire automobile trip was eliminated.

In summary, the potential air quality benefits that could be realized from this project appear to be limited by a project design focusing on the venue’s parking constraints. Specifically, the project could likely be improved if:

- The pickup locations were transit centers as opposed to parking lots – this project does not promote public transit use with the possible exception of the Parsons Engineering location;
- The number of buses deployed were reduced or other strategies to reduce deadhead miles and bus miles accrued when operating empty or with few riders;
- Cleaner vehicles were used to perform the service – the current CNG buses only meet the 2010 standard for heavy-duty vehicles.

As a result of the initial Subcommittee discussions, MSRC staff was asked to engage the Rose Bowl to determine if adjustments could be made to their proposal to address the deficiencies identified.

MSRC staff had multiple follow on discussions with the management of the Rose Bowl. It should be noted that the Rose Bowl management and staff were very understanding of the TCM Subcommittee concerns and that all discussions were productive.

The Rose Bowl did subsequently submit a revised proposal; however, the only modification was to request funding for one year as opposed to two years. No additional substantive changes to the proposed service were included in the revised proposal. In discussing the revised proposal with the Rose Bowl, MSRC staff were informed that the proposed service could not be modified for 2018, as the service structure has been finalized with the transportation providers. Also, a portion of the 2018 Rose Bowl events have already occurred.

For the above reasons, the MSRC-TAC recommends that funding not be awarded for the Rose Bowl at this time.

AGENDA ITEM #13

Consider Applications Received Under the
Natural Gas Infrastructure Program

MSRC Agenda Item No. 13

DATE: August 16, 2018

FROM: A.J. Marquez, Infrastructure Subcommittee

SUBJECT: Consider Funding for Applications Received under the Natural Gas Infrastructure Program

SYNOPSIS: As an element of their FYs 2016-18 Work Program, the MSRC allocated \$4.0 million of **Clean Transportation Funding™** for the implementation of new and expanded CNG and LNG refueling stations, modification of maintenance facilities to accommodate gaseous-fueled vehicles, and technician training. A Program Announcement, #PA2017-07, was developed and released on June 2, 2017, with a final submission deadline of June 29, 2018. The MSRC has previously awarded a total of \$1,156,500. 20 additional applications have been received, requesting a total of \$3,926,680. The MSRC-TAC Infrastructure Subcommittee has reviewed the applications.

RECOMMENDATION: The MSRC-TAC considered, and recommends approval of, 15 applications with awards totaling \$2,843,500 in **Clean Transportation Funding™**, as shown below. The MSRC-TAC further recommends the allocation of an additional \$1,083,180 to the Natural Gas Infrastructure Program, sufficient to fund the seven applications on the backup list.

FISCAL IMPACT \$4.0 million in **Clean Transportation Funding™** was allocated for the Alternative Fuel Infrastructure Program as an element of the MSRC's FYs 2016-18 Work Program. The MSRC-TAC recommends awards which would utilize the remainder of this allocation. Additionally, the MSRC-TAC recommends an additional funding allocation of \$1,083,180 as part of the FYs 2018-20 Work Program.

BACKGROUND: As an element of their FYs 2016-18 Work Program, the MSRC allocated \$4.0 million of **Clean Transportation Funding™** for the implementation of new and expanded CNG and LNG refueling stations, modifications to maintenance facilities, and technician training. A Program Announcement, #PA2017-07, was developed and released on June 2, 2017. The

Program Announcement set a final submission deadline of June 29, 2018. Projects were to be considered throughout the application submission period on a first-come, first-served basis.

The Program Announcement includes the following Requirements and Conditions:

- **Allowable Project Categories** – For the purpose of this solicitation, allowable alternative fuels include CNG, LNG, and liquefied/compressed natural gas (L/CNG). Funding is available for the following Alternative Fuel Infrastructure project categories:
 - New construction alternative fuel refueling stations
 - Alternative fuel refueling station upgrade and expansion projects. For the purpose of this solicitation, all upgrade and expansion projects must result in an increase fuel throughput and increased station utilization.
 - Modification of existing facilities used for vehicle maintenance and repair
 - Training of technicians in the maintenance of natural gas-fueled vehicles and infrastructure

- **Incentive Levels** – In no case could an MSRC funding award exceed 50% of the combined cost of the station/upgrade capital equipment, site construction, signage, and reasonable project management costs. The incentive levels available also vary as a function of the type of infrastructure proposed and type of entity requesting funding assistance. The following maximums apply:

Entity	Fuels	Limited Access	Public Access	Facility Mods	Technician Training	Renewable Natural Gas
Private	Single Fuel	\$100,000	\$150,000	\$75,000	\$15,000	\$100,000
	Multi-Fuel	\$150,000	\$200,000			
Public	Single Fuel	\$175,000	\$225,000			\$100,000
	Multi-Fuel	\$225,000	\$275,000			

- **Other Funding Provisions** – To ensure broad-based participation, the MSRC has established the following parameters:
 - A geographical funding minimum amount has been set at \$500,000 for each county within the SCAQMD. This guarantees a minimum level of funding for each county to implement alternative fuel infrastructure projects.
 - The maximum total funding award to any public or private entity under this solicitation shall not exceed 20% of the total Available Funding. This maximum funding restriction can be waived by the MSRC in the event the MSRC does not receive meritorious applications from other applicants that meet or exceed 80% of the total available funds, or if the MSRC allocates additional funds to the program.

ASSESSMENT OF APPLICATIONS RECEIVED:

20 additional applications have been received and reviewed. As specified in the Program Announcement, the following ranking methodology was used:

1. Determine compliance with all mandatory requirements - The applications were first evaluated for compliance with minimum requirements. The proposed projects were found to meet all the requirements set forth in the Program Announcement.
2. Meet geographical funding minimums – As noted above, the Program Announcement established a funding minimum of \$500,000 per county. Between previous awards and the 15 currently recommended awards, the geographic minimums for Los Angeles, Orange, and Riverside Counties are met. The geographic minimum for San Bernardino County is nearly met; one application, from LBA Realty, has been moved up the list as it counts towards fulfillment of this minimum.
3. Ensure all eligible “first day” applications receive funding – This requirement was previously met.

RECOMMENDATIONS: The MSRC-TAC considered the recommendations of its Infrastructure Subcommittee and recommends funding of the applications as shown in Table 1, which together with previous awards would account for the \$4 million previously allocated for the Program. The application from the City of Redondo Beach would only receive partial funding of their \$275,000 request.

Table 1: Alternative Fuel Infrastructure Funding Recommendations

Prop. No.	Proposer	Recommended Award	Cumulative	Project County	Notes
10	R.F. Dickson Company	\$265,000	\$265,000	LA	Expand public access w/RNG & training
11	Huntington Beach Union HSD	\$275,000	\$540,000	OR	Expand public access
12	Capistrano Unified School District	\$116,000	\$656,000	OR	Expand limited access
13/16	City of South Gate	\$175,000	\$831,000	LA	New limited access; SCAQMD Procurement assigned two numbers
14	Mountain View Unified School District	\$275,000	\$1,106,000	LA	New limited access w/RNG
15	Newport-Mesa Unified School District	\$175,000	\$1,281,000	OR	Expand (or new?) limited access
17	Banning Unified School District	\$275,000	\$1,556,000	RIV	New limited access w/RNG
18	City of Torrance	\$100,000	\$1,656,000	LA	Expand limited access
19	County of Los Angeles (La Crescenta)	\$175,000	\$1,831,000	LA	New limited access
20	City of Commerce	\$275,000	\$2,106,000	LA	Expand public access L/CNG
21	County of Los Angeles (Downey)	\$175,000	\$2,281,000	LA	New limited access
22	City of San Bernardino	\$240,000	\$2,521,000	SBDO	Expand public access + training; Subcommittee review needed
23	City of Beverly Hills	\$85,272	\$2,606,272	LA	Expand limited access
25	LBA Realty	\$100,000	\$2,706,272	SBDO	New limited access; moved up to meet geographic minimum
24	City of Redondo Beach	\$137,228	\$2,843,500	LA	New limited access w/RNG; requested funding is \$275,000

The MSRC-TAC further recommends allocation an additional \$1,083,180 to the Natural Gas Infrastructure Program, sufficient to fund all applications on the Backup List as shown below.

Table 2: "Backup List" Funding Requests

Prop. No.	Proposer	Recommended Award	Cumulative	Project County	Notes
24	City of Redondo Beach	\$137,772	\$137,772	LA	New limited access w/RNG; requested funding is \$275,000
26	City of Montebello	\$70,408	\$208,180	LA	Expand limited access
27	Universal Waste Systems	\$200,000	\$408,180	LA	New limited access w/RNG
28	City Rent-a-Bin/Serv-Wel Disposal	\$200,000	\$608,180	LA	New limited access w/RNG
29	LA County Sanitation District	\$275,000	\$883,180	LA	New limited access w/RNG
30	US Gain	\$200,000	\$1,083,180	RIV	New limited access w/RNG

NEXT STEPS: Following review and approval by the MSRC, the funding awards will be forwarded to the SCAQMD Board for consideration at their September 2018 meeting.

AGENDA ITEM #14

2018-2019 Clean Fuels/Clean Technologies
Conference Calendar

Clean Fuels and Clean Technologies Conference Calendar for 2018-2019

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>
- Aug 13-16 **National Ambient Air Monitoring Conference, Portland OR. Website:**
<https://www.epa.gov/amtic/2018-national-ambient-air-monitoring-conference>
- Aug 20-23 **Electrification 2018, International Conference & Exposition, Long Beach, CA. Website:** <http://www.electrification2018.com/>
- Aug 27-28 **2nd Annual Energy Material & Fuel Cell Research, Boston, MA. Website:**
<https://energymaterials.conferenceseries.com/>

September 2018

- Sept 8 Third Annual Watts Electric Car Drive & Ride, Watts, CA. Website:
<https://driveelectricweek.org/event.php?eventid=1313>
- Sept 12 **Soot-Free and Zero Emission Heavy-Duty Transport, San Francisco, CA. Website:**
<http://ccacoalition.org/ar/node/2642>
- Sept 11-13 **The Critical Power Expo, Novi, MI. Website:**
<https://criticalpowerexpo.com/>
- 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://globalclimateactions summit.org/>
- Sept 12-14 Air Sensors International Conference, Oakland, CA. Website:
<https://asic.aqrc.ucdavis.edu/>
- Sept 15 **National Drive Electric Event, SCAQMD, Diamond Bar, CA Website:**
<https://driveelectricweek.org/event.php?eventid=1351>
- 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.aqmd.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 6 Calstart's Annual Symposium, Pasadena, CA Website:**
<http://www.calstart.org/Events/CALSTART-Events/AnnualSymposium.aspx>
- Nov 7-8 Energy Storage North America, Pasadena, CA. Website:
www.esnaexpo.com
- Nov 13-16 NGVAmerica 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 19-21 SAE Hybrid & Electric Vehicle Technologies Symposium, Garden Grove, CA**
Website: <https://www.sae.org/attend/hybrid>
- 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 20-22 2019 Climate Leadership Conference, Baltimore, MD. Website:**
<https://www.climateleadershipconference.org/>
- 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 07/26/2018 (**Items in bold were recently added**).