



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

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

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

INSTRUCTIONS FOR ELECTRONIC PARTICIPATION AT BOTTOM OF AGENDA

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PUBLIC COMMENT WILL STILL BE TAKEN

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

MSRC Committee Members

MSRC Chair

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

MSRC Vice-Chair

Brian Berkson
Commissioner, RCTC
Representing Riverside County Transportation Commission

Tim Shaw
Member, Board of Directors, OCTA
Representing Orange County Transportation Authority

Sydney Vergis, 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

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

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

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

CALL TO ORDER

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

CONSENT CALENDAR (Items 1 through 7)

Receive and Approve

1. Summary of Final Reports by MSRC Contractors Gorski
- San Bernardino County Transportation Authority, MS16125 (\$1,000,000 – Traffic Signal Synchronization Projects)
 - El Dorado National, MS18066 (\$100,000 – Construct a Limited-Access CNG Fueling Station)

Information Only - Receive and File

2. MSRC Contracts Administrator’s Report Ravenstein
- This report covers key issues addressed by MSRC staff, status of open contracts, and administrative scope changes from October 29 through December 2, 2020.
3. Financial Report on AB 2766 Discretionary Fund Kampa
- Financial Report for November 2020.
4. Report on Outreach Activities BWGA
- This report provides a summary of outreach, communications and policy activities undertaken by the Better World Group on behalf of MSRC for Fall 2020.

For Approval – As Recommended

5. Consider Three-Month No-Cost Term Extension by City of Bellflower, Contract #ML12091 (\$100,000 – EV Charging Infrastructure) Ravenstein
- The City indicates that COVID-19-related complications have delayed their progress. They requested a six-month term extension. Due to the short time between the December MSRC meeting and the contract expiration date, in order to minimize the potential of the contract expiring, a three-month term extension was processed administratively. Therefore, a three-month term extension would fulfill the remainder of the City’s request. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL**

6. Consider One-Year No-Cost Term Extension by City of San Fernando, Contract #ML16075 (\$354,000 – Install Class I Bikeway) Ravenstein

The City requests a one-year term extension due to continuing delays associated with obtaining construction approval from the Army Corps of Engineers. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL**

7. Consider One-Year No-Cost Term Extension by City of Redondo Beach, Contract #ML18098 (\$89,400 – Install Six EV Charging Stations) Ravenstein

The City requests a one-year term extension due to delays associated with COVID-19. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL**

ACTION CALENDAR (Items 8 through 12)

2016-18 WORK PROGRAM

8. Consider Modified Project List and Payment Schedule and One-Year Term Extension for Southern California Association of Governments (SCAG), Contract #MS18015 (\$2,000,000 – Future Communities Partnership Program) Ravenstein

SCAG requests to modify the project with the City of Monrovia, substituting a pilot program to encourage bicycle transit for a program to support shared-ride transportation network company trips. SCAG also requests modifications to the Payment Schedule. A reduction in SCAG's co-funding contribution would be more than offset by an increase in the co-funding from cities and counties. Lastly, SCAG requests a one-year contract term extension due to various delays associated with the COVID-19 pandemic. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL**

9. Consider Contract Replacement for the City of Rancho Mirage, Contract #ML18133 (\$50,000 – Traffic Signal Synchronization) Ravenstein

Impacts associated with COVID-19 temporarily shut down some manufacturing plants and delayed their response times, which delayed completion of this project. Due to the expiration of the City's prior contract, the City requests a six-month contract replacement to complete the scope of work for this project. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL**

10. Consider Contract Replacement for Omnitrans, Contract #MS18026 (\$83,000 – Modify Maintenance Facility and Train Technicians) Ravenstein

Impacts of staffing allocations due to COVID-19 delayed progress on this project. Due to the expiration of Omnitrans' prior contract, they request a twelve-month contract replacement to complete the scope of work for this project. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL**

2018-21 WORK PROGRAM

11. Consider Selection of New MSRC Website Host

Gorski

In August 2020, the MSRC authorized the release of RFP #P2021-04, seeking a contractor for the ongoing hosting and maintenance of the MSRC website. The solicitation period commenced on September 4, 2020 and closed on October 9, 2020. A total of three proposals were received. **THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL OF AN AWARD TO GEOGRAPHICS IN AN AMOUNT NOT TO EXCEED \$12,952**

12. Consider Proposed Partnership with South Coast AQMD and Regional Partners on Large-Scale Zero Emission Demonstration

Impullitti

In September 2020, the MSRC-TAC heard a preliminary overview of a proposed large scale demonstration project led by South Coast AQMD. The regional team for this zero emission drayage truck project would pursue funding which was expected to be offered by the California Air Resources Board (CARB) and the California Energy Commission (CEC). CARB and CEC have now released the anticipated solicitations, and South Coast AQMD is able to bring forward more specifics and seek the MSRC's support of the endeavor. **EXCEPT FOR AN ABSTENTION BY MEMBER WINTERS, THE MSRC-TAC UNANIMOUSLY RECOMMENDS APPROVAL OF PARTICIPATION IN THE PROPOSED PARTNERSHIP AND A FUNDING ALLOCATION NOT TO EXCEED \$8,000,000**

OTHER BUSINESS

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

McCallon

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

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

ADJOURNMENT

NEXT MEETING: Date: January 21, 2021, 2:00 p.m., Location: Remote Meeting

Americans with Disabilities Act and Language Accessibility

Disability and language-related accommodations can be requested to allow participation in the MSRC Meeting. The agenda will be made available, upon request, in appropriate alternative formats to assist persons with a disability (Gov't Code Section 54954.2(a)). In addition, other documents may be requested in alternative formats and languages. Any disability or language-related accommodation must be requested as soon as practicable. Requests will be accommodated unless providing the accommodation would result in a fundamental alteration or undue burden to the District. Please contact Ms. Penny Shaw Cedillo at (909) 396-3179 from 7:00 a.m. to 5:30 p.m., Tuesday through Friday, or send the request to pcedillo@aqmd.gov.

Pursuant to SB 343

All documents (i) constituting non-exempt public records, (ii) relating to an item on an agenda for a regular meeting, and (iii) having been distributed to at least a majority of the Committee after the Agenda is posted, are available by contacting Penny Shaw Cedillo at (909) 396-3179 or send the request to pcedillo@aqmd.gov

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

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INSTRUCTIONS FOR ELECTRONIC PARTICIPATION

Instructions for Participating in a Virtual Meeting as an Attendee

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

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

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

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

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

If interpretation is needed, more time will be allotted.

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

Directions for Video ZOOM on a DESKTOP/LAPTOP:

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

Directions for Video Zoom on a SMARTPHONE:

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

Directions for TELEPHONE line only:

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

AGENDA ITEM #1

Summary of Final Reports by
MSRC Contractors



MSRC Agenda Item No. 1

Date: December 17, 2020
From: Ray Gorski, MSRC Technical Advisor
Subject: Final Reports Received and Reviewed

Two (2) Final Reports have been submitted for MSRC review and approval:

- San Bernardino County Transportation Authority, MS16125: \$1,000,000 – *Traffic Signal Synchronization Projects*
- El Dorado National, MS18066: \$100,000 – *Construct a Limited-Access CNG Fueling Station*

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

Contractor: San Bernardino County Transportation Authority
Contract Number: MS16125
Contract Amount: \$1,000,000
Title: Traffic Signal Synchronization Projects

Discussion: Since early 2000, San Bernardino County Transportation Authority (SBCTA, formerly SANBAG) has acted as the lead agency to assist local governments in the San Bernardino area to improve traffic signal operations and synchronization along major arterial corridors, providing smooth flow through the multiple jurisdictions across the entire valley. In 2017, SBCTA selected Iteris, Inc. (Iteris) to prepare traffic signal coordination master plans, update coordinated timing plans, perform semiannual assessments, and provide on-call system support as part of the San Bernardino Valley Coordinated Traffic Signal System (SBVCTSS) project.

SBVCTSS provides a structured approach to traffic signal management to ensure the signal system provides reliable and efficient operation that satisfies the expectations of SBCTA and regional partners.

Traffic Signal Coordination Master Plans for five regions, called priority areas, within the San Bernardino Valley were first developed to provide high-level strategies for signal timing and cross-jurisdictional coordination with the following objectives:

- Evaluate the existing traffic patterns and signal operation to identify critical crossing corridors and subdivided networks that will be most affected by optimized coordinated timing plans;
- Provide signal timing guidelines for vehicular and pedestrian clearance intervals as well as critical timing parameters;
- Recommend common cycle lengths for each subdivided network or zone;
- Develop optimum offsets for the critical crossing corridor intersections that serve to be used as reference for adjacent intersections; and
- Guide cross-jurisdictional signal coordination to achieve consistency of signal control and maximize the operational efficiency.

In addition, semiannual assessments were conducted via remote connection to participating agency' traffic signal systems to ensure traffic signal coordination are maintained. A total of six (6) assessments were conducted between September 2017 and March 2020.

Upon completion of the Traffic Signal Coordination Master Plan for each region, Iteris updated the traffic signal coordination plans for those agencies that had requested such services through the SBVCTSS Project. Those agencies include the City of Upland, Fontana, Rialto, and San Bernardino County (project agencies). The primary goal was to update signal timing parameters relative to the state-of-the-practice and agency's standards, and to develop optimized signal

coordination plans for Weekday AM, midday, and PM peaks. The updated signal timing parameters would improve intersection operation efficiency and safety, and optimized signal coordination plans would help to improve traffic flow progression along major corridors resulting in improving travel time, reducing delay, increase average travel speed, lower fuel consumption, and reduce air pollution emissions such as CO, CO₂, NO_x, etc.

A total of 251 signals were included, in which 69 traffic signals were in the City of Upland, 88 signals in the City of Fontana, and 94 signals in the Rialto area (70 in the City of Rialto, 16 in San Bernardino County, and 8 Caltrans signals).

Network cycle length optimization is complicated due to optimization of competing (opposing) movements, i.e., north-south against east-west movements, and due to changes in traffic patterns throughout the network. Therefore, it is necessary to divide the network into different zones and then determine optimum cycle lengths for each zone. The optimum cycle lengths are the ones that provide adequate green time to serve competing movements while minimizing the intersection's delay. Iteris followed the following steps as a signal timing optimization strategy:

- Review the existing traffic conditions to identify critical arterials;
- Review critical arterials to identify critical intersections;
- Update basic signal timing parameters with respect to state-of-the-practice & agency's standards for the identified critical intersections;
- Optimize cycle lengths for the identified critical intersections;
- Identify cycle length break points to determine zones;
- Determine proposed cycle lengths for each zone.

Once the cycle length optimization was completed, the proposed optimized cycle lengths were submitted to the agencies for review and feedback. Following agency review and approval, the optimized cycle lengths were implemented at the traffic management center (TMC) for online intersections, and local signal controllers for offline intersections. In addition, Caltrans personnel implemented the newly optimized timings at intersections under their jurisdiction.

Signal timing implementation and fine tuning for the City of Upland was conducted in October 2018. The timings were implemented through the City's Central System (QuicNet) and in the field at local controllers. The implementation and fine tuning for the City of Fontana began in December 2018 and ended in March 2019. The timings were implemented through the City's TMC Systems (Centracs and Aries) and in the field at local controllers. The implementation and fine tuning for the Rialto Area began in January 2020 and ended in February 2020. The timings for all the intersections were implemented in the field at local controllers.

Following the implementation of the new timing plans, Iteris immediately conducted field fine-tuning to make sure the optimal timings were deployed along corridors and at each intersection. The fine-tuning process involved verification of signal performances and adjustments to the signal timing offsets, splits, phasing sequences, and time-of-day (TOD) schedule.

The amount of reduction in fuel consumption and emissions were calculated using ClearGuide and iPeMS speed data in conjunction with the Caltrans Life-Cycle Benefit/Cost Analysis Model Version 6.2 (Cal-B/C) for each peak period. The air pollution emissions quantified include Carbon Monoxide (CO), Carbon Dioxide (CO₂), Nitrogen Oxide (NO_x), Particulate Matter (PM₁₀), Sulfur Oxide (SO_x), and Volatile Organic Compound (VOC). Tables 1 and 2, below, summarize the benefits in the first year and in three years, respectively, resulting from Iteris signal retiming efforts within the Cities of Upland, Fontana, and Rialto area.

Table 1 – Fuel Consumption & Emission Reductions, Year One

Measure	City of Fontana	Rialto Area	City of Upland	Total
Fuel Consumption (gal)	92,391	188,649	103,853	384,893
CO Emission (ton)	3.78	7.78	4.73	16.29
CO ₂ Emission (ton)	1,337.20	2,736.60	1,501.32	5,575.12
NO _x Emission (ton)	0.30	0.64	0.39	1.33
PM ₁₀ Emission (ton)	0.01	0.03	0.02	0.06
SO _x Emission (ton)	0.01	0.03	0.02	0.06
VOC Emission (ton)	0.35	0.73	0.39	1.47

Table 1 – Fuel Consumption & Emission Reductions, Three-Year Cumulative Benefits

Measure	City of Fontana	Rialto Area	City of Upland	Total
Fuel Consumption (gal)	238,724	487,439	268,339	994,502
CO Emission (ton)	8.79	18.09	11.01	37.89
CO ₂ Emission (ton)	3,109.59	6,363.83	3,491.24	12,964.66
NO _x Emission (ton)	0.71	1.49	0.91	3.11
PM ₁₀ Emission (ton)	0.03	0.07	0.04	0.14
SO _x Emission (ton)	0.03	0.07	0.04	0.14
VOC Emission (ton)	0.82	1.70	0.91	3.43

As for public outreach, SBCTA provided detailed information about the signal timing master plan in their website including scope of the work, participating agencies, etc. The original outreach plan included meetings with local jurisdictions and presentations to the SBCTA Transportation Technical Advisory Committee (TTAC) which is comprised of public works/transportation staff from each San Bernardino County jurisdiction. Local meetings were held with the participating jurisdictions to coordinate signal timing performance as well as updates to timing plans. Results

from semi-annual assessments were regularly presented to the TTAC to keep them engaged and encourage them to maintain the system within their respective jurisdictions. Additionally, input from the TTAC was solicited in order to define a signal coordination program that would best work for our county prior to and subsequent to the original application for MSRC funding.

Contractor: El Dorado National
Contract Number: MS18066
Contract Amount: \$240,000
Title: Expansion of Existing CNG Refueling Infrastructure

Discussion: This project encompassed the design, construction, and operation of a limited-public access compressed natural gas (CNG) fueling station with 315 standard cubic feet per minute (SCFM) compression capability and five (5) time-fill dual-hose dispensers that are equipped with a total of ten (10) hoses.

The station is located at 9670 Galena Street, Riverside, less than one mile from the SR60 freeway. This location provides excellent accessibility for El Dorado National's (EDN) natural gas-fueled buses, which serve several transit agencies within in California. In the first full month of station operation, CNG throughput averaged 5,600 diesel gallon equivalent (DGE). The station is projected to dispense over 68,000 DGE in the first full year of operation. The three-year contractual target is a minimum of 120,000 DGE per year, beginning in Year 3 of the contract. This target will be achieved as EDN continues to build natural gas transit buses; EDN has been awarded purchase contracts to meet this three-year target.

The project did experience some technical and programmatic challenges during implementation – all were satisfactorily remedied although it did result in an overall project delay. The primary setback was an eight (8) month delay encountered due to the need for SoCalGas to upgrade gas supply infrastructure to support the new CNG station equipment. Additional challenges included:

- Permit approvals from the city took an extra 90 days beyond the original planned project schedule;
- SoCalGas delayed meter installation by additional 120 days that were not allocated in the schedule due to backordered parts;
- The equipment required numerous maintenance issues which delayed the first use of CNG station by 30 days.

Press releases were sent out and published on websites covering transportation news. El Dorado National prepared informational material for the station to be distributed via a broad range of websites, including, but not limited to:

- PR Newswire
- SoCalGas Social Media sites
- Green Fleet News
- US Gas Vehicles.com
- Natural Gas Vehicles Journal
- NGV Global News

Figure 1 – EDN CNG Refueling Station Compression, Dryer, & Storage Equipment



Figure 2 – Time-Fill CNG Dispensing



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

The GHG reduction benefits of natural gas as a transportation fuel are demonstrated by comparing the carbon intensity (CI) of natural gas to baseline fuels. According to the California Air Resources Board (CARB), “carbon intensity means the amount of lifecycle greenhouse gas emissions, per unit of energy of fuel delivered, expressed in grams of carbon dioxide equivalent per megajoule (gCO₂E/MJ), where gCO₂e/MJ is defined as grams of carbon dioxide per megajoule. In the case of CNG, CI is typically less than gasoline and diesel. According to the CARB’s Low Carbon Fuel Standard (LCFS) regulation, the CI of CNG is 78.37 gCO₂e/MJ. This compares with 102.01 gCO₂e/MJ for diesel fuel and 98.47 gCO₂e/MJ for gasoline. Based on current carbon intensity values, CNG provides a net reduction in greenhouse gas emissions of about 23 percent compared to gasoline and diesel.

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

AGENDA ITEM #2

MSRC Contracts Administrator's Report

MSRC Agenda Item No. 2

DATE: December 17, 2020

FROM: Cynthia Ravenstein

SUBJECT: AB 2766 Contracts Administrator's Report

SYNOPSIS: This report covers key issues addressed by MSRC staff, status of open contracts, and administrative scope changes from October 29 to December 2, 2020.

RECOMMENDATION: Receive and file report

WORK PROGRAM IMPACT: None

Contract Execution Status

2016-18 Work Program

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

2018-21 Work Program

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

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

On December 6, 2019, the SCAQMD Governing Board approved an award under the Major Event Center Transportation Program. This contract is with the prospective contractor for signature.

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

Work Program Status

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

FY 2010-11 Work Program Contracts

One contract from this work program year is open; and 7 are in "Open/Complete" status.

FY 2010-11 Invoices Paid

No invoices were paid during this period.

FY 2011-12 Work Program Contracts

6 contracts from this work program year are open, and 12 are in "Open/Complete" status. One contract closed during this period: Southern California Gas Company, Contract #MS12024 – Construct New Public Access CNG Station.

FY 2011-12 Invoices Paid

No invoices were paid during this period.

FYs 2012-14 Work Program Contracts

16 contracts from this work program year are open, and 31 are in "Open/Complete" status.

FYs 2012-14 Invoices Paid

No invoices were paid during this period.

FYs 2014-16 Work Program Contracts

39 contracts from this work program year are open, and 30 are in "Open/Complete" status. One contract closed during this period: City of Palm Springs, Contract #ML16126 – Install Bicycle Racks and Implement Bicycle Education Program.

FYs 2014-16 Invoices Paid

No invoices were paid during this period.

FYs 2016-18 Work Program Contracts

112 contracts from this work program year are open, and 35 are in “Open/Complete” status. Four contracts moved into “Open/Complete” status during this period: City of Desert Hot Springs, Contract #ML18022 – Traffic Signal Synchronization Project; City of Arcadia, Contract #MS18032 – Purchase One Heavy-Duty Near-Zero Emission Vehicle; City of Temple City, Contract #ML18097 – Procure Two Light-Duty ZEVs; and City of Manhattan Beach, Contract #ML18173 – Procure Two Light-Duty ZEVs and Install EV Charging Infrastructure.

3 invoices totaling \$44,593.56 were paid during this period.

FYs 2018-21 Work Program Contracts

3 contracts from this work program year are open.

4 invoices totaling \$60,222.90 were paid during this period.

Administrative Scope Changes

3 administrative scope changes were initiated during the period from October 29 to December 2, 2020:

- City of Bellflower, Contract #ML12091 (Install EV Charging Stations) – Three-month term extension
- City of La Puente, Contract #ML18178 (Purchase One Near-Zero Emission Heavy-Duty Vehicle) – One-year term extension
- Banning Unified School District, Contract #MS18112 (Install New CNG Infrastructure) – Voluntary termination

Attachments

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



AB2766 Discretionary Fund Program Invoices

October 29 to December 2, 2020

Contract Admin.	MSRC Chair	MSRC Liaison	Finance	Contract #	Contractor	Invoice #	Amount
<i>2016-2018 Work Program</i>							
11/24/2020	11/24/2020	12/2/2020	12/8/2020	ML18171	City of El Monte	7-000161-Fin	\$19,026.31
11/6/2020	11/18/2020	11/18/2020	11/19/2020	MS18003	Geographics	20-22221	\$567.25
11/6/2020				ML18178	City of La Puente	20-005	\$25,000.00
Total: \$44,593.56							
<i>2018-2021 Work Program</i>							
11/18/2020	11/24/2020	12/2/2020	12/8/2020	MS21002	Better World Group Advisors	WG-MSRC0	\$5,285.20
11/13/2020	11/18/2020	11/18/2020	11/19/2020	MS21001	Los Angeles County MTA	0079676-Fin	\$36,000.00
11/6/2020	11/18/2020	11/18/2020	11/19/2020	MS21002	Better World Group Advisors	WG-MSRC0	\$10,503.70
11/6/2020	11/18/2020	11/18/2020	11/19/2020	MS21002	Better World Group Advisors	WG-MSRC0	\$8,434.00

Total: \$60,222.90

Total This Period: \$104,816.46



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

12/11/2020

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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML08037	City of Glendale	5/20/2009	5/19/2015		\$325,000.00	\$325,000.00	13 CNG Heavy-Duty Vehicles	\$0.00	Yes
ML08038	Los Angeles Department of Water an	7/16/2010	7/15/2017		\$1,050,000.00	\$1,050,000.00	42 CNG Heavy-Duty Vehicles	\$0.00	Yes
ML08039	City of Rancho Palos Verdes	6/5/2009	8/4/2015		\$50,000.00	\$50,000.00	2 LPG Transit Buses	\$0.00	Yes
ML08040	City of Riverside	9/11/2009	9/10/2016	3/10/2019	\$455,500.00	\$455,500.00	16 CNG Vehicles, Expand CNG Station & M	\$0.00	Yes
ML08042	City of Ontario, Housing & Municipal	5/1/2009	1/31/2016		\$175,000.00	\$175,000.00	7 CNG Heavy-Duty Vehicles	\$0.00	Yes
ML08044	City of Chino	3/19/2009	3/18/2015		\$25,000.00	\$25,000.00	1 CNG Heavy-Duty Vehicle	\$0.00	Yes
ML08045	City of Santa Clarita	2/20/2009	6/19/2010		\$3,213.00	\$3,150.00	14 Vehicles (Diagnostic)	\$63.00	Yes
ML08046	City of Paramount	2/20/2009	2/19/2015		\$25,000.00	\$25,000.00	1 CNG Heavy-Duty Vehicle	\$0.00	Yes
ML08047	City of Culver City Transportation De	5/12/2009	8/11/2015		\$150,000.00	\$150,000.00	6 CNG Heavy-Duty Vehicles	\$0.00	Yes
ML08048	City of Santa Clarita	2/20/2009	6/19/2015		\$25,000.00	\$25,000.00	1 CNG Heavy-Duty Vehicle	\$0.00	Yes
ML08050	City of Laguna Beach Public Works	8/12/2009	4/11/2016	10/11/2016	\$75,000.00	\$75,000.00	3 LPG Trolleys	\$0.00	Yes
MS08001	Los Angeles County MTA	12/10/2010	6/9/2014		\$1,500,000.00	\$1,499,999.66	Big Rig Freeway Service Patrol	\$0.34	Yes
MS08003	A-Z Bus Sales, Inc.	5/2/2008	12/31/2008	2/28/2009	\$1,480,000.00	\$1,400,000.00	Alternative Fuel School Bus Incentive Progra	\$80,000.00	Yes
MS08004	BusWest	5/2/2008	12/31/2008		\$1,440,000.00	\$1,440,000.00	Alternative Fuel School Bus Incentive Progra	\$0.00	Yes
MS08005	Burrtec Waste Industries, Inc.	10/23/2008	11/22/2014	10/22/2015	\$450,000.00	\$450,000.00	15 H.D. Nat. Gas Vehicles - Azusa	\$0.00	Yes
MS08006	Burrtec Waste Industries, Inc.	10/23/2008	11/22/2014	10/22/2015	\$450,000.00	\$450,000.00	15 H.D. Nat. Gas Vehicles - Saugus	\$0.00	Yes
MS08007	United Parcel Service West Region	12/10/2008	10/9/2014	4/9/2019	\$300,000.00	\$270,000.00	10 H.D. Nat. Gas Vehicles	\$30,000.00	Yes
MS08009	Los Angeles World Airports	12/24/2008	12/23/2014		\$870,000.00	\$870,000.00	29 H.D. Nat. Gas Vehicles	\$0.00	Yes
MS08012	California Cartage Company, LLC	12/21/2009	10/20/2015	4/20/2016	\$480,000.00	\$480,000.00	12 H.D. Nat. Gas Yard Tractors	\$0.00	Yes
MS08013	United Parcel Service West Region	12/10/2008	10/9/2014	3/9/2019	\$480,000.00	\$432,000.00	12 H.D. Nat. Gas Yard Tractors	\$48,000.00	No
MS08014	City of San Bernardino	12/5/2008	6/4/2015		\$390,000.00	\$360,000.00	13 H.D. Nat. Gas Vehicles	\$30,000.00	Yes
MS08015	Yosemite Waters	5/12/2009	5/11/2015		\$180,000.00	\$117,813.60	11 H.D. Propane Vehicles	\$62,186.40	Yes
MS08016	TransVironmental Solutions, Inc.	1/23/2009	12/31/2010	9/30/2011	\$227,198.00	\$80,351.34	Rideshare 2 School Program	\$146,846.66	Yes
MS08017	Omnitrans	12/13/2008	12/12/2015	12/12/2016	\$900,000.00	\$900,000.00	30 CNG Buses	\$0.00	Yes
MS08018	Los Angeles County Department of P	8/7/2009	10/6/2016	4/6/2018	\$60,000.00	\$60,000.00	2 CNG Vehicles	\$0.00	Yes
MS08019	Enterprise Rent-A-Car Company of L	2/12/2010	7/11/2016		\$300,000.00	\$300,000.00	10 CNG Vehicles	\$0.00	Yes
MS08020	Ware Disposal Company, Inc.	11/25/2008	2/24/2016		\$900,000.00	\$900,000.00	30 CNG Vehicles	\$0.00	Yes
MS08021	CalMet Services, Inc.	1/9/2009	1/8/2016	7/8/2016	\$900,000.00	\$900,000.00	30 CNG Vehicles	\$0.00	Yes
MS08022	SunLine Transit Agency	12/18/2008	3/17/2015		\$311,625.00	\$311,625.00	15 CNG Buses	\$0.00	Yes
MS08053	City of Los Angeles, Bureau of Sanit	2/18/2009	12/17/2015		\$400,000.00	\$400,000.00	New LNG/CNG Station	\$0.00	Yes
MS08056	Clean Energy Fuels Corp.	11/26/2009	2/25/2015		\$400,000.00	\$400,000.00	New LNG Station - POLB-Anah. & I	\$0.00	Yes
MS08057	Orange County Transportation Autho	5/14/2009	7/13/2015		\$400,000.00	\$400,000.00	New CNG Station - Garden Grove	\$0.00	Yes
MS08058	Clean Energy Fuels Corp.	11/26/2009	3/25/2016	3/25/2017	\$400,000.00	\$400,000.00	New CNG Station - Ontario Airport	\$0.00	Yes
MS08061	Clean Energy Fuels Corp.	12/4/2009	3/3/2015		\$400,000.00	\$400,000.00	New CNG Station - L.A.-La Cienega	\$0.00	Yes
MS08063	Go Natural Gas	9/25/2009	1/24/2016	1/24/2017	\$400,000.00	\$400,000.00	New CNG Station - Moreno Valley	\$0.00	Yes
MS08064	Hemet Unified School District	1/9/2009	3/8/2015		\$75,000.00	\$75,000.00	Expansion of Existing Infrastructure	\$0.00	Yes
MS08065	Pupil Transportation Cooperative	11/20/2008	7/19/2014		\$10,500.00	\$10,500.00	Existing CNG Station Modifications	\$0.00	Yes

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

Total: 59

Closed/Incomplete Contracts

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

Total: 3

Open/Complete Contracts

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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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FY 2008-2009 Contracts

Declined/Cancelled Contracts

ML09017	County of San Bernardino Public Wor	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 Managemen				\$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 Sw	\$425,000.00	No
ML09045	City of Orange				\$125,000.00	\$0.00	Purchase 5 CNG Sweepers	\$125,000.00	No

Total: 10

Closed Contracts

ML09007	City of Rancho Cucamonga	2/26/2010	4/25/2012		\$117,500.00	\$62,452.57	Maintenance Facility Modification	\$55,047.43	Yes
ML09008	City of Culver City Transportation De	1/19/2010	7/18/2016	7/18/2017	\$175,000.00	\$175,000.00	8 Nat. Gas Heavy-Duty Vehicles	\$0.00	Yes
ML09009	City of South Pasadena	11/5/2010	12/4/2016	3/4/2019	\$125,930.00	\$125,930.00	CNG Station Expansion	\$0.00	Yes
ML09010	City of Palm Springs	1/8/2010	2/7/2016		\$25,000.00	\$25,000.00	1 Nat. Gas Heavy-Duty Vehicle	\$0.00	Yes
ML09011	City of San Bernardino	2/19/2010	5/18/2016		\$250,000.00	\$250,000.00	10 Nat. Gas Heavy-Duty Vehicles	\$0.00	Yes
ML09012	City of Gardena	3/12/2010	11/11/2015		\$25,000.00	\$25,000.00	1 Nat. Gas Heavy-Duty Vehicle	\$0.00	Yes
ML09013	City of Riverside Public Works	9/10/2010	12/9/2011	7/31/2013	\$144,470.00	\$128,116.75	Traffic Signal Synchr./Moreno Valley	\$16,353.25	Yes
ML09014	City of Riverside Public Works	9/10/2010	12/9/2011	7/31/2013	\$113,030.00	\$108,495.94	Traffic Signal Synchr./Corona	\$4,534.06	Yes
ML09015	City of Riverside Public Works	9/10/2010	12/9/2011	7/31/2013	\$80,060.00	\$79,778.52	Traffic Signal Synchr./Co. of Riverside	\$281.48	Yes
ML09016	County of San Bernardino Public Wor	1/28/2010	3/27/2014		\$50,000.00	\$50,000.00	Install New CNG Station	\$0.00	Yes
ML09020	County of San Bernardino	8/16/2010	2/15/2012		\$49,770.00	\$49,770.00	Remote Vehicle Diagnostics/252 Vehicles	\$0.00	Yes
ML09021	City of Palm Desert	7/9/2010	3/8/2012		\$39,450.00	\$38,248.87	Traffic Signal Synchr./Rancho Mirage	\$1,201.13	Yes
ML09023	Los Angeles County Department of P	12/10/2010	12/9/2017		\$50,000.00	\$50,000.00	2 Heavy-Duty Alternative Fuel Transit Vehicl	\$0.00	Yes
ML09024	Los Angeles County Department of P	10/15/2010	12/14/2012	6/14/2013	\$400,000.00	\$0.00	Maintenance Facility Modifications	\$400,000.00	No
ML09026	Los Angeles County Department of P	10/15/2010	10/14/2017	4/14/2019	\$150,000.00	\$80,411.18	3 Off-Road Vehicles Repowers	\$69,588.82	Yes
ML09027	Los Angeles County Department of P	7/23/2010	3/22/2012	6/22/2012	\$150,000.00	\$150,000.00	Freeway Detector Map Interface	\$0.00	Yes
ML09029	City of Whittier	11/6/2009	4/5/2016		\$25,000.00	\$25,000.00	1 Nat. Gas Heavy-Duty Vehicle	\$0.00	Yes
ML09030	City of Los Angeles GSD/Fleet Servic	6/18/2010	6/17/2011		\$22,310.00	\$22,310.00	Remote Vehicle Diagnostics/107 Vehicles	\$0.00	Yes
ML09031	City of Los Angeles Dept of General	10/29/2010	10/28/2017		\$825,000.00	\$825,000.00	33 Nat. Gas Heavy-Duty Vehicles	\$0.00	Yes
ML09032	Los Angeles World Airports	4/8/2011	4/7/2018		\$175,000.00	\$175,000.00	7 Nat. Gas Heavy-Duty Vehicles	\$0.00	Yes
ML09033	City of Beverly Hills	3/4/2011	5/3/2017	1/3/2019	\$550,000.00	\$550,000.00	10 Nat. Gas Heavy-Duty Vehicles & CNG St	\$0.00	Yes
ML09034	City of La Palma	11/25/2009	6/24/2015		\$25,000.00	\$25,000.00	1 LPG Heavy-Duty Vehicle	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML09035	City of Fullerton	6/17/2010	6/16/2017	6/16/2018	\$450,000.00	\$450,000.00	2 Heavy-Duty CNG Vehicles & Install CNG	\$0.00	Yes
ML09037	City of Redondo Beach	6/18/2010	6/17/2016		\$50,000.00	\$50,000.00	Purchase Two CNG Sweepers	\$0.00	Yes
ML09038	City of Chino	9/27/2010	5/26/2017		\$250,000.00	\$250,000.00	Upgrade Existing CNG Station	\$0.00	Yes
ML09041	City of Los Angeles, Bureau of Sanit	10/1/2010	9/30/2017		\$875,000.00	\$875,000.00	Purchase 35 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML09042	Los Angeles Department of Water an	12/10/2010	12/9/2017		\$1,400,000.00	\$1,400,000.00	Purchase 56 Dump Trucks	\$0.00	Yes
ML09043	City of Covina	10/8/2010	4/7/2017	10/7/2018	\$179,591.00	\$179,591.00	Upgrade Existing CNG Station	\$0.00	Yes
ML09046	City of Newport Beach	5/20/2010	5/19/2016		\$162,500.00	\$162,500.00	Upgrade Existing CNG Station, Maintenance	\$0.00	Yes
ML09047	Los Angeles County Department of P	8/13/2014	8/12/2015	11/12/2015	\$400,000.00	\$272,924.53	Maintenance Facility Modifications	\$127,075.47	No

Total: 30

Open/Complete Contracts

ML09036	City of Long Beach Fleet Services Bu	5/7/2010	5/6/2017	11/6/2022	\$875,000.00	\$875,000.00	Purchase 35 Natural Gas Refuse Trucks	\$0.00	Yes
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Total: 1

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
FY 2010-2011 Contracts									
Open Contracts									
ML11029	City of Santa Ana	9/7/2012	3/6/2020	3/6/2023	\$262,500.00	\$75,000.00	Expansion of Existing CNG Station, Install N	\$187,500.00	No
Total: 1									
Declined/Cancelled Contracts									
ML11038	City of Santa Monica	5/18/2012	7/17/2018		\$400,000.00	\$0.00	Maintenance Facility Modifications	\$400,000.00	No
MS11013	Go Natural Gas, Inc.				\$150,000.00	\$0.00	New CNG Station - Huntington Beach	\$150,000.00	No
MS11014	Go Natural Gas, Inc.				\$150,000.00	\$0.00	New CNG Station - Santa Ana	\$150,000.00	No
MS11015	Go Natural Gas, Inc.				\$150,000.00	\$0.00	New CNG Station - Inglewood	\$150,000.00	No
MS11046	Luis Castro				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11047	Ivan Borjas				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11048	Phase II Transportation				\$1,080,000.00	\$0.00	Repower 27 Heavy-Duty Vehicles	\$1,080,000.00	No
MS11049	Ruben Caceras				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11050	Carlos Arrue				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11051	Francisco Vargas				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11053	Jose Ivan Soltero				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11054	Albino Meza				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11059	Go Natural Gas				\$150,000.00	\$0.00	New Public Access CNG Station - Paramoun	\$150,000.00	No
MS11063	Standard Concrete Products				\$310,825.00	\$0.00	Retrofit Two Off-Road Vehicles under Showc	\$310,825.00	No
MS11070	American Honda Motor Company				\$100,000.00	\$0.00	Expansion of Existing CNG Station	\$100,000.00	No
MS11072	Trillium USA Company DBA Californi				\$150,000.00	\$0.00	New Public Access CNG Station	\$150,000.00	No
MS11077	DCL America Inc.				\$263,107.00	\$0.00	Retrofit of 13 Off-Road Diesel Vehicles with	\$263,107.00	No
MS11083	Cattrac Construction, Inc.				\$500,000.00	\$0.00	Install DECS on Eight Off-Road Vehicles	\$500,000.00	No
MS11084	Ivanhoe Energy Services and Develo				\$66,750.00	\$0.00	Retrofit One H.D. Off-Road Vehicle Under S	\$66,750.00	No
MS11088	Diesel Emission Technologies				\$32,750.00	\$0.00	Retrofit Three H.D. Off-Road Vehicles Under	\$32,750.00	No
MS11089	Diesel Emission Technologies				\$9,750.00	\$0.00	Retrofit One H.D. Off-Road Vehicle Under S	\$9,750.00	No
MS11090	Diesel Emission Technologies				\$14,750.00	\$0.00	Retrofit One H.D. Off-Road Vehicle Under S	\$14,750.00	No
Total: 22									
Closed Contracts									
ML11007	Coachella Valley Association of Gove	7/29/2011	7/28/2012		\$250,000.00	\$249,999.96	Regional PM10 Street Sweeping Program	\$0.04	Yes
ML11020	City of Indio	2/1/2013	3/31/2019	9/30/2020	\$15,000.00	\$9,749.50	Retrofit one H.D. Vehicles w/DECS, repower	\$5,250.50	Yes
ML11021	City of Whittier	1/27/2012	9/26/2018	6/26/2019	\$210,000.00	\$210,000.00	Purchase 7 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11022	City of Anaheim	3/16/2012	7/15/2018		\$150,000.00	\$150,000.00	Purchase of 5 H.D. Vehicles	\$0.00	Yes
ML11023	City of Rancho Cucamonga	4/20/2012	12/19/2018	9/19/2020	\$260,000.00	\$260,000.00	Expand Existing CNG Station, 2 H.D. Vehicl	\$0.00	Yes
ML11026	City of Redlands	3/2/2012	10/1/2018		\$90,000.00	\$90,000.00	Purchase 3 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11027	City of Los Angeles, Dept. of General	5/4/2012	7/3/2015	1/3/2016	\$300,000.00	\$300,000.00	Maintenance Facility Modifications	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML11028	City of Glendale	1/13/2012	5/12/2018		\$300,000.00	\$300,000.00	Purchase 10 H.D. CNG Vehicles	\$0.00	Yes
ML11030	City of Fullerton	2/3/2012	3/2/2018		\$109,200.00	\$109,200.00	Purchase 2 Nat. Gas H.D. Vehicles, Retrofit	\$0.00	Yes
ML11031	City of Culver City Transportation De	12/2/2011	12/1/2018		\$300,000.00	\$300,000.00	Purchase 10 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML11032	City of Gardena	3/2/2012	9/1/2018	10/1/2020	\$102,500.00	\$102,500.00	Purchase Heavy-Duty CNG Vehicle, Install S	\$0.00	Yes
ML11033	City of Los Angeles, Bureau of Sanit	3/16/2012	1/15/2019		\$1,080,000.00	\$1,080,000.00	Purchase 36 LNG H.D. Vehicles	\$0.00	Yes
ML11034	City of Los Angeles Dept of General	5/4/2012	1/3/2019		\$630,000.00	\$630,000.00	Purchase 21 H.D. CNG Vehicles	\$0.00	Yes
ML11035	City of La Quinta	11/18/2011	11/17/2012		\$25,368.00	\$25,368.00	Retrofit 3 On-Road Vehicles w/DECS	\$0.00	Yes
ML11037	City of Anaheim	12/22/2012	12/21/2019		\$300,000.00	\$300,000.00	Purchase 12 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11039	City of Ontario, Housing & Municipal	1/27/2012	9/26/2018		\$180,000.00	\$180,000.00	Purchase 6 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11042	City of Chino	2/17/2012	4/16/2018		\$30,000.00	\$30,000.00	Purchase 1 Nat. Gas H.D. Vehicle, Repower	\$0.00	Yes
ML11043	City of Hemet Public Works	2/3/2012	2/2/2019		\$60,000.00	\$60,000.00	Purchase 2 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML11044	City of Ontario, Housing & Municipal	1/27/2012	6/26/2019		\$400,000.00	\$400,000.00	Expand Existing CNG Station	\$0.00	Yes
MS11001	Mineral LLC	4/22/2011	4/30/2013	4/30/2015	\$111,827.00	\$103,136.83	Design, Develop, Host and Maintain MSRC	\$8,690.17	Yes
MS11002	A-Z Bus Sales, Inc.	7/15/2011	12/31/2011	6/30/2013	\$1,705,000.00	\$1,705,000.00	Alternative Fuel School Bus Incentive Progra	\$0.00	Yes
MS11003	BusWest	7/26/2011	12/31/2011	12/31/2012	\$1,305,000.00	\$1,305,000.00	Alternative Fuel School Bus Incentive Progra	\$0.00	Yes
MS11004	Los Angeles County MTA	9/9/2011	2/29/2012		\$450,000.00	\$299,743.34	Clean Fuel Transit Service to Dodger Stadiu	\$150,256.66	Yes
MS11006	Orange County Transportation Autho	10/7/2011	2/29/2012	8/31/2012	\$268,207.00	\$160,713.00	MetroLink Service to Angel Stadium	\$107,494.00	Yes
MS11008	USA Waste of California, Inc.	10/24/2013	4/23/2020		\$125,000.00	\$125,000.00	Expansion of Existing LCNG Station	\$0.00	Yes
MS11009	USA Waste of California, Inc.	10/24/2013	4/23/2020		\$125,000.00	\$125,000.00	Expansion of Existing LCNG Station	\$0.00	Yes
MS11010	Border Valley Trading	8/26/2011	10/25/2017	4/25/2020	\$150,000.00	\$150,000.00	New LNG Station	\$0.00	Yes
MS11011	EDCO Disposal Corporation	12/30/2011	4/29/2019		\$100,000.00	\$100,000.00	New CNG Station - Signal Hill	\$0.00	Yes
MS11012	EDCO Disposal Corporation	12/30/2011	4/29/2019		\$100,000.00	\$100,000.00	New CNG Station - Buena Park	\$0.00	Yes
MS11016	CR&R Incorporated	4/12/2013	10/11/2019		\$100,000.00	\$100,000.00	New CNG Station - Perris	\$0.00	Yes
MS11017	CR&R, Inc.	3/2/2012	2/1/2018		\$100,000.00	\$100,000.00	Expansion of existing station - Garden Grove	\$0.00	Yes
MS11018	Orange County Transportation Autho	10/14/2011	1/31/2012		\$211,360.00	\$211,360.00	Express Bus Service to Orange County Fair	\$0.00	Yes
MS11019	City of Corona	11/29/2012	4/28/2020		\$225,000.00	\$225,000.00	Expansion of Existing CNG Station	\$0.00	Yes
MS11052	Krisda Inc	9/27/2012	6/26/2013		\$120,000.00	\$120,000.00	Repower Three Heavy-Duty Vehicles	\$0.00	Yes
MS11055	KEC Engineering	2/3/2012	8/2/2018	8/2/2019	\$200,000.00	\$200,000.00	Repower 5 H.D. Off-Road Vehicles	\$0.00	Yes
MS11056	Better World Group Advisors	12/30/2011	12/29/2013	12/29/2015	\$206,836.00	\$186,953.46	Programmatic Outreach Services	\$19,882.54	Yes
MS11057	Riverside County Transportation Co	7/28/2012	3/27/2013		\$100,000.00	\$89,159.40	Develop and Implement 511 "Smart Phone"	\$10,840.60	Yes
MS11058	L A Service Authority for Freeway E	5/31/2013	4/30/2014		\$123,395.00	\$123,395.00	Implement 511 "Smart Phone" Application	\$0.00	Yes
MS11060	Rowland Unified School District	8/17/2012	1/16/2019	1/16/2020	\$175,000.00	\$175,000.00	New Limited Access CNG Station	\$0.00	Yes
MS11061	Eastern Municipal Water District	3/29/2012	5/28/2015		\$11,659.00	\$1,450.00	Retrofit One Off-Road Vehicle under Showca	\$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 Showca	\$5,501.00	Yes
MS11065	Temecula Valley Unified School Distr	8/11/2012	1/10/2019		\$50,000.00	\$48,539.62	Expansion of Existing CNG Station	\$1,460.38	Yes
MS11066	Torrance Unified School District	11/19/2012	9/18/2018		\$42,296.00	\$42,296.00	Expansion of Existing CNG Station	\$0.00	Yes
MS11067	City of Redlands	5/24/2012	11/23/2018	11/23/2019	\$85,000.00	\$85,000.00	Expansion of Existing CNG Station	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS11068	Ryder System Inc.	7/28/2012	10/27/2018		\$175,000.00	\$175,000.00	New Public Access L/CNG Station (Fontana)	\$0.00	Yes
MS11069	Ryder System Inc.	7/28/2012	8/27/2018		\$175,000.00	\$175,000.00	New Public Access L/CNG Station (Orange)	\$0.00	Yes
MS11071	City of Torrance Transit Department	12/22/2012	1/21/2019	1/21/2020	\$175,000.00	\$175,000.00	New Limited Access CNG Station	\$0.00	Yes
MS11074	SunLine Transit Agency	5/11/2012	7/31/2012		\$41,849.00	\$22,391.00	Transit Service for Coachella Valley Festival	\$19,458.00	Yes
MS11079	Bear Valley Unified School District	2/5/2013	10/4/2019		\$175,000.00	\$175,000.00	New Limited Access CNG Station	\$0.00	Yes
MS11080	Southern California Regional Rail Aut	4/6/2012	7/31/2012		\$26,000.00	\$26,000.00	Metrolink Service to Auto Club Speedway	\$0.00	Yes
MS11086	DCL America Inc.	6/7/2013	10/6/2016		\$500,000.00	\$359,076.96	Retrofit Eight H.D. Off-Road Vehicles Under	\$140,923.04	Yes
MS11087	Cemex Construction Material Pacific,	10/16/2012	2/15/2016		\$448,766.00	\$448,760.80	Retrofit 13 H.D. Off-Road Vehicles Under Sh	\$5.20	Yes
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: 54

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 Bu	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

ML11024	County of Los Angeles, Dept of Publi	12/5/2014	6/4/2022		\$90,000.00	\$90,000.00	Purchase 3 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11025	County of Los Angeles Department o	3/14/2014	9/13/2021		\$150,000.00	\$150,000.00	Purchase 5 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11036	City of Riverside	1/27/2012	1/26/2019	3/26/2021	\$670,000.00	\$670,000.00	Install New CNG Station, Purchase 9 H.D. N	\$0.00	Yes
ML11040	City of South Pasadena	5/4/2012	1/3/2019	1/3/2022	\$30,000.00	\$30,000.00	Purchase 1 Nat. Gas H.D. Vehicle	\$0.00	Yes
ML11041	City of Santa Ana	9/7/2012	11/6/2018	1/6/2021	\$265,000.00	\$244,651.86	Purchase 7 LPG H.D. Vehicles, Retrofit 6 H.	\$20,348.14	Yes
ML11045	City of Newport Beach	2/3/2012	8/2/2018	3/2/2021	\$30,000.00	\$30,000.00	Purchase 1 Nat. Gas H.D. Vehicle	\$0.00	Yes
MS11073	Los Angeles Unified School District	9/11/2015	2/10/2022		\$175,000.00	\$175,000.00	Expansion of Existing CNG Station	\$0.00	Yes

Total: 7

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	8/7/2021	\$338,000.00	\$4,709.00	9 H.D. Nat. Gas & LPG Trucks, EV Charging	\$333,291.00	No
ML12043	City of Hemet	6/24/2013	9/23/2019	11/23/2021	\$30,000.00	\$30,000.00	One Heavy-Duty Nat. Gas Vehicles	\$0.00	No
ML12045	City of Baldwin Park DPW	2/14/2014	12/13/2020	6/13/2025	\$400,000.00	\$0.00	Install New CNG Station	\$400,000.00	No
ML12057	City of Coachella	8/28/2013	8/27/2019	1/27/2022	\$57,456.00	\$57,456.00	Purchase One Nat. Gas H.D. Vehicle/Street	\$0.00	No
ML12090	City of Palm Springs	10/9/2015	10/8/2021	9/8/2025	\$21,163.00	\$0.00	EV Charging Infrastructure	\$21,163.00	No
ML12091	City of Bellflower	10/5/2018	10/4/2019	3/30/2021	\$100,000.00	\$0.00	EV Charging Infrastructure	\$100,000.00	No

Total: 6

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 Wor				\$250,000.00	\$0.00	Install New CNG Station	\$250,000.00	No
ML12048	City of La Palma	1/4/2013	11/3/2018		\$20,000.00	\$0.00	Two Medium-Duty LPG Vehicles	\$20,000.00	No
ML12052	City of Whittier	3/14/2013	7/13/2019		\$165,000.00	\$0.00	Expansion of Existing CNG Station	\$165,000.00	No
ML12053	City of Mission Viejo				\$60,000.00	\$0.00	EV Charging Infrastructure	\$60,000.00	No
MS12007	WestAir Gases & Equipment				\$100,000.00	\$0.00	Construct New Limited-Acess CNG Station	\$100,000.00	No
MS12027	C.V. Ice Company, Inc.	5/17/2013	11/16/2019		\$75,000.00	\$0.00	Purchase 3 Medium-Heavy Duty Vehicles	\$75,000.00	No
MS12030	Complete Landscape Care, Inc.				\$150,000.00	\$0.00	Purchase 6 Medium-Heavy Duty Vehicles	\$150,000.00	No
MS12067	Leatherwood Construction, Inc.	11/8/2013	3/7/2017		\$122,719.00	\$0.00	Retrofit Six Vehicles w/DECS - Showcase III	\$122,719.00	No
MS12070	Valley Music Travel/CID Entertainme				\$99,000.00	\$0.00	Implement Shuttle Service to Coachella Musi	\$99,000.00	No

Total: 12

Closed Contracts

ML12013	City of Pasadena	10/19/2012	3/18/2015	9/18/2015	\$200,000.00	\$65,065.00	Electric Vehicle Charging Infrastructure	\$134,935.00	Yes
ML12019	City of Palm Springs	9/6/2013	7/5/2015		\$38,000.00	\$16,837.00	EV Charging Infrastructure	\$21,163.00	Yes
ML12020	City of Los Angeles Dept of General	9/27/2012	3/26/2019	3/26/2020	\$450,000.00	\$450,000.00	15 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML12021	City of Rancho Cucamonga	9/14/2012	1/13/2020		\$40,000.00	\$40,000.00	Four Medium-Duty Nat. Gas Vehicles	\$0.00	Yes
ML12022	City of La Puente	12/6/2013	6/5/2020		\$110,000.00	\$110,000.00	2 Medium-Duty and Three Heavy-Duty CNG	\$0.00	Yes
ML12023	County of Los Angeles Internal Servi	8/1/2013	2/28/2015		\$250,000.00	\$192,333.00	EV Charging Infrastructure	\$57,667.00	Yes
ML12037	Coachella Valley Association of Gove	3/14/2013	3/13/2014		\$250,000.00	\$250,000.00	Street Sweeping Operations	\$0.00	Yes
ML12039	City of Redlands	2/8/2013	10/7/2019		\$90,000.00	\$90,000.00	Three Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML12041	City of Anaheim Public Utilities Depar	4/4/2014	11/3/2015	11/3/2017	\$68,977.00	\$38,742.16	EV Charging Infrastructure	\$30,234.84	Yes
ML12042	City of Chino Hills	1/18/2013	3/17/2017		\$87,500.00	\$87,500.00	Expansion of Existing CNG Station	\$0.00	Yes
ML12047	City of Orange	2/1/2013	1/31/2019		\$30,000.00	\$30,000.00	One Heavy-Duty Nat. Gas Vehicle	\$0.00	Yes
ML12049	City of Rialto Public Works	7/14/2014	9/13/2015		\$30,432.00	\$3,265.29	EV Charging Infrastructure	\$27,166.71	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML12050	City of Baldwin Park	4/25/2013	4/24/2014	10/24/2014	\$402,400.00	\$385,363.00	EV Charging Infrastructure	\$17,037.00	Yes
ML12054	City of Palm Desert	9/30/2013	2/28/2015		\$77,385.00	\$77,385.00	EV Charging Infrastructure	\$0.00	Yes
ML12055	City of Manhattan Beach	3/1/2013	12/31/2018		\$10,000.00	\$10,000.00	One Medium-Duty Nat. Gas Vehicle	\$0.00	Yes
ML12056	City of Cathedral City	3/26/2013	5/25/2014		\$25,000.00	\$25,000.00	Regional Street Sweeping Program	\$0.00	Yes
ML12066	City of Manhattan Beach	1/7/2014	4/6/2015		\$5,900.00	\$5,900.00	Electric Vehicle Charging Infrastructure	\$0.00	Yes
MS12001	Los Angeles County MTA	7/1/2012	4/30/2013		\$300,000.00	\$211,170.00	Clean Fuel Transit Service to Dodger 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
MS12004	USA Waste of California, Inc.	10/24/2013	11/23/2019		\$175,000.00	\$175,000.00	Construct New Limited-Access CNG Station	\$0.00	Yes
MS12005	USA Waste of California, Inc.	10/19/2012	8/18/2013		\$75,000.00	\$75,000.00	Vehicle Maintenance Facility Modifications	\$0.00	Yes
MS12006	Waste Management Collection & Re	10/19/2012	8/18/2013		\$75,000.00	\$75,000.00	Vehicle Maintenance Facility Modifications	\$0.00	Yes
MS12009	Sysco Food Services of Los Angeles	1/7/2014	4/6/2020		\$150,000.00	\$150,000.00	Construct New Public-Access LNG Station	\$0.00	Yes
MS12010	Murrieta Valley Unified School District	4/5/2013	9/4/2019		\$242,786.00	\$242,786.00	Construct New Limited-Access CNG Station	\$0.00	Yes
MS12012	Rim of the World Unified School District	12/20/2012	5/19/2014		\$75,000.00	\$75,000.00	Vehicle Maintenance Facility Modifications	\$0.00	Yes
MS12024	Southern California Gas Company	6/13/2013	12/12/2019	11/12/2020	\$150,000.00	\$150,000.00	Construct New Public-Access CNG Station -	\$0.00	Yes
MS12025	Silverado Stages, Inc.	11/2/2012	7/1/2018		\$150,000.00	\$150,000.00	Purchase Six Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12026	U-Haul Company of California	3/14/2013	3/13/2019		\$500,000.00	\$353,048.26	Purchase 23 Medium-Heavy Duty Vehicles	\$146,951.74	Yes
MS12028	Dy-Dee Service of Pasadena, Inc.	12/22/2012	1/21/2019		\$45,000.00	\$40,000.00	Purchase 2 Medium-Duty and 1 Medium-He	\$5,000.00	Yes
MS12029	Community Action Partnership of Ora	11/2/2012	11/1/2018		\$25,000.00	\$14,850.00	Purchase 1 Medium-Heavy Duty Vehicle	\$10,150.00	Yes
MS12031	Final Assembly, Inc.	11/2/2012	11/1/2018		\$50,000.00	\$32,446.00	Purchase 2 Medium-Heavy Duty Vehicles	\$17,554.00	Yes
MS12032	Fox Transportation	12/14/2012	12/13/2018		\$500,000.00	\$500,000.00	Purchase 20 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12035	Disneyland Resort	1/4/2013	7/3/2019		\$25,000.00	\$18,900.00	Purchase 1 Medium-Heavy Duty Vehicle	\$6,100.00	Yes
MS12036	Jim & Doug Carter's Automotive/VSP	1/4/2013	11/3/2018		\$50,000.00	\$50,000.00	Purchase 2 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12058	Krisda Inc	4/24/2013	1/23/2019		\$25,000.00	\$25,000.00	Repower One Heavy-Duty Off-Road Vehicle	\$0.00	Yes
MS12059	Orange County Transportation Authority	2/28/2013	12/27/2014		\$75,000.00	\$75,000.00	Maintenance Facilities Modifications	\$0.00	Yes
MS12060	City of Santa Monica	4/4/2014	8/3/2017	8/3/2019	\$500,000.00	\$434,202.57	Implement Westside Bikeshare Program	\$65,797.43	No
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
MS12063	Custom Alloy Light Metals, Inc.	8/16/2013	2/15/2020		\$100,000.00	\$100,000.00	Install New Limited Access CNG Station	\$0.00	Yes
MS12064	Anaheim Transportation Network	3/26/2013	12/31/2014		\$127,296.00	\$56,443.92	Implement Anaheim Circulator Service	\$70,852.08	Yes
MS12065	Orange County Transportation Authority	7/27/2013	11/30/2013		\$43,933.00	\$14,832.93	Ducks Express Service to Honda Center	\$29,100.07	Yes
MS12068	Southern California Regional Rail Authority	3/1/2013	9/30/2013		\$57,363.00	\$47,587.10	Implement Metrolink Service to Autoclub Sp	\$9,775.90	Yes
MS12069	City of Irvine	8/11/2013	2/28/2014		\$45,000.00	\$26,649.41	Implement Special Transit Service to Solar D	\$18,350.59	Yes
MS12071	Transit Systems Unlimited, Inc.	5/17/2013	12/16/2018		\$21,250.00	\$21,250.00	Expansion of Existing CNG Station	\$0.00	Yes
MS12072	99 Cents Only Stores	4/5/2013	9/4/2019		\$100,000.00	\$100,000.00	Construct New CNG Station	\$0.00	Yes
MS12073	FirstCNG, LLC	7/27/2013	12/26/2019		\$150,000.00	\$150,000.00	Construct New CNG Station	\$0.00	Yes
MS12074	Arcadia Unified School District	7/5/2013	9/4/2019		\$175,000.00	\$175,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS12076	City of Ontario, Housing & Municipal	3/8/2013	4/7/2015		\$75,000.00	\$75,000.00	Maintenance Facilities Modification	\$0.00	Yes
MS12078	Penske Truck Leasing Co., L.P.	1/7/2014	1/6/2016		\$75,000.00	\$73,107.00	Maintenance Facility Modifications - Vernon	\$1,893.00	Yes
MS12081	Penske Truck Leasing Co., L.P.	1/7/2014	1/6/2016		\$75,000.00	\$75,000.00	Maintenance Facility Modifications - Santa A	\$0.00	Yes
MS12085	Bear Valley Unified School District	4/25/2013	6/24/2014		\$75,000.00	\$75,000.00	Maintenance Facility Modifications	\$0.00	Yes
MS12086	SuperShuttle International, Inc.	3/26/2013	3/25/2019		\$225,000.00	\$225,000.00	Purchase 23 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12087	Los Angeles County MTA	8/29/2013	11/28/2015		\$125,000.00	\$125,000.00	Implement Rideshare Incentives Program	\$0.00	Yes
MS12088	Orange County Transportation Autho	12/6/2013	3/5/2016		\$125,000.00	\$18,496.50	Implement Rideshare Incentives Program	\$106,503.50	Yes
MS12089	Riverside County Transportation Co	10/18/2013	9/17/2015		\$249,136.00	\$105,747.48	Implement Rideshare Incentives Program	\$143,388.52	No
MS12Hom	Mansfield Gas Equipment Systems				\$296,000.00	\$0.00	Home Refueling Apparatus Incentive Progra	\$296,000.00	No

Total: 58

Closed/Incomplete Contracts

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

Total: 4

Open/Complete Contracts

ML12015	City of Fullerton	4/25/2013	11/24/2020	11/24/2021	\$40,000.00	\$40,000.00	HD CNG Vehicle, Expand CNG Station	\$0.00	Yes
ML12017	City of Los Angeles, Bureau of Sanit	6/26/2013	5/25/2020	11/25/2021	\$950,000.00	\$950,000.00	32 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML12018	City of West Covina	10/18/2013	10/17/2020	8/17/2023	\$300,000.00	\$300,000.00	Expansion of Existing CNG Station	\$0.00	Yes
ML12046	City of Irvine	8/11/2013	3/10/2021		\$30,000.00	\$30,000.00	One Heavy-Duty Nat. Gas Vehicle	\$0.00	Yes
MS12008	Bonita Unified School District	7/12/2013	12/11/2019	4/11/2021	\$175,000.00	\$175,000.00	Construct New Limited-Access CNG Station	\$0.00	Yes
MS12011	Southern California Gas Company	6/14/2013	6/13/2019	5/28/2021	\$150,000.00	\$150,000.00	Construct New Public-Access CNG Station -	\$0.00	Yes
MS12033	Mike Diamond/Phace Management S	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
MS12075	CR&R Incorporated	7/27/2013	1/26/2021	1/26/2022	\$100,000.00	\$100,000.00	Expansion of Existing CNG Infrastructure	\$0.00	No
MS12080	City of Pasadena	11/8/2013	8/7/2020	2/7/2022	\$225,000.00	\$225,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS12082	City of Los Angeles, Bureau of Sanit	11/20/2013	2/19/2021	2/19/2023	\$175,000.00	\$175,000.00	Install New CNG Infrastructure	\$0.00	Yes
MS12083	Brea Olinda Unified School District	7/30/2015	2/29/2024		\$59,454.00	\$59,454.00	Install New CNG Infrastructure	\$0.00	Yes

Total: 12

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

Open Contracts

ML14012	City of Santa Ana	2/13/2015	10/12/2021		\$244,000.00	\$0.00	EV Charging and 7 H.D. LPG Vehicles	\$244,000.00	No
ML14018	City of Los Angeles Dept of General	3/6/2015	9/5/2021	5/5/2025	\$810,000.00	\$720,000.00	Purchase 27 H.D. Nat. Gas Vehicles	\$90,000.00	No
ML14021	Riverside County Regional Park and	7/24/2014	12/23/2016	9/30/2024	\$250,000.00	\$0.00	Bicycle Trail Improvements	\$250,000.00	No
ML14023	County of Los Angeles Department o	10/2/2015	9/1/2017	3/1/2021	\$230,000.00	\$0.00	Maintenance Fac. Modifications-Westcheste	\$230,000.00	No
ML14024	County of Los Angeles Department o	10/2/2015	9/1/2017	9/1/2021	\$230,000.00	\$0.00	Maintenance Fac. Modifications-Baldwin Par	\$230,000.00	No
ML14027	County of Los Angeles Dept of Public	10/2/2015	5/1/2023	12/1/2025	\$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	1/8/2021	\$425,000.00	\$25,000.00	Bicycle Racks, Outreach & Education	\$400,000.00	No
ML14069	City of Beaumont	3/3/2017	3/2/2025		\$200,000.00	\$0.00	Construct New CNG Infrastructure	\$200,000.00	No
ML14072	City of Cathedral City	8/13/2014	1/12/2021	7/12/2022	\$41,000.00	\$35,089.03	Install EV Charging, Bike Racks & Education	\$5,910.97	No
ML14097	County of Los Angeles Internal Servi	9/6/2019	9/5/2020	9/5/2021	\$104,400.00	\$0.00	Electric Vehicle Charging Infrastructure	\$104,400.00	No
MS14037	Penske Truck Leasing Co., L.P.	4/7/2017	6/6/2020		\$75,000.00	\$75,000.00	Vehicle Maint. Fac. Modifications - Carson	\$0.00	No
MS14057	Los Angeles County MTA	11/7/2014	10/6/2019	10/6/2023	\$1,250,000.00	\$0.00	Implement Various Signal Synchronization P	\$1,250,000.00	No
MS14059	Riverside County Transportation Co	9/5/2014	3/4/2018	3/4/2022	\$1,250,000.00	\$490,000.00	Implement Various Signal Synchronization P	\$760,000.00	No
MS14072	San Bernardino County Transportatio	3/27/2015	3/26/2018	3/26/2022	\$1,250,000.00	\$887,566.17	Implement Various Signal Synchronization P	\$362,433.83	No
MS14079	Waste Resources, Inc.	9/14/2016	8/13/2022	2/13/2024	\$100,000.00	\$0.00	New Limited Access CNG Station	\$100,000.00	No
MS14083	Hacienda La Puente Unified School	7/10/2015	3/9/2022		\$175,000.00	\$0.00	New Limited Access CNG Station	\$175,000.00	No

Total: 16

Declined/Cancelled Contracts

ML14063	City of Hawthorne				\$32,000.00	\$0.00	Expansion of Existng CNG Infrastructure	\$32,000.00	No
ML14068	City of South Pasadena	9/12/2014	10/11/2015	1/11/2020	\$10,183.00	\$0.00	Electric Vehicle Charging Infrastructure	\$10,183.00	No
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 Mirada	\$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: 10

Closed Contracts

ML14010	City of Cathedral City	8/13/2014	10/12/2015		\$25,000.00	\$25,000.00	Street Sweeping Operations	\$0.00	Yes
ML14011	City of Palm Springs	6/13/2014	1/12/2016		\$79,000.00	\$78,627.00	Bicycle Racks, Bicycle Outreach & Educatio	\$373.00	Yes
ML14014	City of Torrance	9/5/2014	12/4/2019		\$56,000.00	\$56,000.00	EV Charging Infrastructure	\$0.00	Yes
ML14015	Coachella Valley Association of Gove	6/6/2014	9/5/2015		\$250,000.00	\$250,000.00	Street Sweeping Operations	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML14020	County of Los Angeles Dept of Pub	8/13/2014	1/12/2018		\$150,000.00	\$0.00	San Gabriel BikeTrail Underpass Improveme	\$150,000.00	No
ML14029	City of Irvine	7/11/2014	6/10/2017		\$90,500.00	\$71,056.78	Bicycle Trail Improvements	\$19,443.22	Yes
ML14051	City of Brea	9/5/2014	1/4/2017	7/4/2018	\$450,000.00	\$450,000.00	Installation of Bicycle Trail	\$0.00	Yes
ML14054	City of Torrance	11/14/2014	4/13/2017	7/13/2017	\$350,000.00	\$319,908.80	Upgrade Maintenance Facility	\$30,091.20	Yes
ML14055	City of Highland	10/10/2014	3/9/2018	3/9/2019	\$500,000.00	\$489,385.24	Bicycle Lanes and Outreach	\$10,614.76	Yes
ML14056	City of Redlands	9/5/2014	5/4/2016	5/4/2018	\$125,000.00	\$125,000.00	Bicycle Lanes	\$0.00	Yes
ML14065	City of Orange	9/5/2014	8/4/2015		\$10,000.00	\$10,000.00	Electric Vehicle Charging Infrastructure	\$0.00	Yes
ML14070	City of Rancho Cucamonga	9/3/2016	12/2/2018		\$365,245.00	\$326,922.25	Bicycle Trail Improvements	\$38,322.75	Yes
ML14071	City of Manhattan Beach	1/9/2015	11/8/2018		\$22,485.00	\$22,485.00	Electric Vehicle Charging Infrastructure	\$0.00	Yes
ML14094	City of Yucaipa	6/9/2017	6/8/2018		\$84,795.00	\$84,795.00	Installation of Bicycle Lanes	\$0.00	Yes
ML14095	City of South Pasadena	1/10/2019	7/9/2019		\$142,096.00	\$134,182.09	Bicycle Trail Improvements	\$7,913.91	Yes
ML14096	County of Los Angeles Dept of Pub	5/3/2019	12/2/2019	3/2/2020	\$74,186.00	\$74,186.00	San Gabriel BikeTrail Underpass Improveme	\$0.00	Yes
MS14001	Los Angeles County MTA	3/6/2015	4/30/2015		\$1,216,637.00	\$1,199,512.68	Clean Fuel Transit Service to Dodger Stadiu	\$17,124.32	Yes
MS14002	Orange County Transportation Autho	9/6/2013	4/30/2014		\$576,833.00	\$576,833.00	Clean Fuel Transit Service to Orange County	\$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 Ange	\$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 R	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 R	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 Aut	3/7/2014	9/30/2014		\$49,203.00	\$32,067.04	Special Metrolink Service to Autoclub Speed	\$17,135.96	Yes
MS14048	BusWest	3/14/2014	12/31/2014	5/31/2015	\$940,850.00	\$847,850.00	Alternative Fuel School Bus Incentive Progra	\$93,000.00	Yes
MS14052	Arcadia Unified School District	6/13/2014	10/12/2020		\$78,000.00	\$78,000.00	Expansion of an Existing CNG Fueling Statio	\$0.00	Yes
MS14058	Orange County Transportation Autho	11/7/2014	4/6/2016	4/6/2017	\$1,250,000.00	\$1,250,000.00	Implement Various Signal Synchronization P	\$0.00	Yes
MS14073	Anaheim Transportation Network	1/9/2015	4/30/2017		\$221,312.00	\$221,312.00	Anaheim Resort Circulator Service	\$0.00	Yes
MS14087	Orange County Transportation Autho	8/14/2015	4/30/2016		\$239,645.00	\$195,377.88	Implement Special Metrolink Service to Ange	\$44,267.12	Yes
MS14088	Southern California Regional Rail Aut	5/7/2015	9/30/2015		\$79,660.00	\$66,351.44	Special Metrolink Service to Autoclub Speed	\$13,308.56	Yes
MS14089	Top Shelf Consulting, LLC	1/18/2017	8/4/2016	3/31/2017	\$200,000.00	\$200,000.00	Enhanced Fleet Modernization Program	\$0.00	Yes

Total: 34

Closed/Incomplete Contracts

ML14050	City of Yucaipa	7/11/2014	9/10/2015	7/1/2016	\$84,795.00	\$0.00	Installation of Bicycle Lanes	\$84,795.00	No
ML14060	County of Los Angeles Internal Servi	10/6/2017	1/5/2019		\$104,400.00	\$0.00	Electric Vehicle Charging Infrastructure	\$104,400.00	No
ML14066	City of South Pasadena	9/12/2014	7/11/2016	2/11/2018	\$142,096.00	\$0.00	Bicycle Trail Improvements	\$142,096.00	No
ML14093	County of Los Angeles Dept of Pub	8/14/2015	1/13/2019		\$150,000.00	\$0.00	San Gabriel BikeTrail Underpass Improveme	\$150,000.00	No
MS14092	West Covina Unified School District	9/3/2016	12/2/2022		\$124,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$124,000.00	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
Total: 5									
Open/Complete Contracts									
ML14013	City of Los Angeles, Bureau of Sanit	10/7/2016	2/6/2025		\$400,000.00	\$400,000.00	Purchase 14 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML14016	City of Anaheim	4/3/2015	9/2/2021		\$380,000.00	\$380,000.00	Purchase 2 H.D. Vehicles, Expansion of Exis	\$0.00	Yes
ML14019	City of Corona Public Works	12/5/2014	6/4/2020	3/6/2023	\$111,518.00	\$111,517.18	EV Charging, Bicycle Racks, Bicycle Locker	\$0.82	Yes
ML14022	County of Los Angeles Department o	10/2/2015	5/1/2022		\$270,000.00	\$270,000.00	Purchase 9 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML14025	County of Los Angeles Dept of Public	10/2/2015	7/1/2018	7/1/2024	\$300,000.00	\$300,000.00	Construct New CNG Station in Malibu	\$0.00	Yes
ML14026	County of Los Angeles Dept of Public	10/2/2015	5/1/2023	5/1/2024	\$300,000.00	\$300,000.00	Construct New CNG Station in Castaic	\$0.00	Yes
ML14028	City of Fullerton	9/5/2014	1/4/2022		\$126,950.00	\$126,950.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
ML14031	Riverside County Waste Managemen	6/13/2014	12/12/2020		\$90,000.00	\$90,000.00	Purchase 3 H.D. CNG Vehicles	\$0.00	Yes
ML14032	City of Rancho Cucamonga	1/9/2015	1/8/2022		\$113,990.00	\$104,350.63	Expansion of Existing CNG Infrast., Bicycle L	\$9,639.37	Yes
ML14033	City of Irvine	7/11/2014	2/10/2021	2/10/2022	\$60,000.00	\$60,000.00	Purchase 2 H.D. CNG Vehicles	\$0.00	Yes
ML14034	City of Lake Elsinore	9/5/2014	5/4/2021		\$56,700.00	\$56,700.00	EV Charging Stations	\$0.00	Yes
ML14049	City of Moreno Valley	7/11/2014	3/10/2021		\$105,000.00	\$101,976.09	One HD Nat Gas Vehicle, EV Charging, Bicy	\$3,023.91	Yes
ML14061	City of La Habra	3/11/2016	3/10/2022		\$41,600.00	\$41,270.49	Purchase Two Heavy-Duty Nat. Gas Vehicle	\$329.51	Yes
ML14062	City of San Fernando	3/27/2015	5/26/2021	10/31/2023	\$325,679.00	\$325,679.00	Expand Existing CNG Fueling Station	\$0.00	Yes
ML14064	City of Claremont	7/11/2014	7/10/2020	1/10/2021	\$60,000.00	\$60,000.00	Purchase Two Heavy-Duty Nat. Gas Vehicle	\$0.00	Yes
ML14067	City of Duarte	12/4/2015	1/3/2023	6/3/2024	\$60,000.00	\$60,000.00	Purchase Two Electric Buses	\$0.00	Yes
MS14041	USA Waste of California, Inc.	9/4/2015	10/3/2021		\$175,000.00	\$175,000.00	Limited-Access CNG Station, Vehicle Maint.	\$0.00	Yes
MS14042	Grand Central Recycling & Transfer	6/6/2014	9/5/2021		\$150,000.00	\$150,000.00	Expansion of Existing CNG Station	\$0.00	Yes
MS14044	TIMCO CNG Fund I, LLC	5/2/2014	11/1/2020		\$150,000.00	\$150,000.00	New Public-Access CNG Station in Santa An	\$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
MS14053	Upland Unified School District	1/9/2015	7/8/2021		\$175,000.00	\$175,000.00	Expansion of Existing CNG Infrastructure	\$0.00	No
MS14074	Midway City Sanitary District	1/9/2015	3/8/2021		\$250,000.00	\$250,000.00	Limited-Access CNG Station & Facility Modif	\$0.00	Yes
MS14075	Fullerton Joint Union High School Dis	7/22/2016	11/21/2023		\$300,000.00	\$293,442.00	Expansion of Existing CNG Infrastructure/Ma	\$6,558.00	Yes
MS14076	Rialto Unified School District	6/17/2015	2/16/2022	6/25/2023	\$225,000.00	\$225,000.00	New Public Access CNG Station	\$0.00	Yes
MS14077	County Sanitation Districts of L.A. Co	3/6/2015	5/5/2021		\$175,000.00	\$175,000.00	New Limited Access CNG Station	\$0.00	Yes
MS14080	CR&R Incorporated	6/1/2015	8/31/2021	8/31/2022	\$200,000.00	\$200,000.00	Expansion of Existing CNG Infrastructure/Ma	\$0.00	No
MS14081	CR&R Incorporated	6/1/2015	5/30/2021		\$175,000.00	\$100,000.00	Expansion of Existing CNG Infrastructure/Ma	\$75,000.00	No
MS14082	Grand Central Recycling & Transfer	12/4/2015	3/3/2023	3/3/2024	\$150,000.00	\$150,000.00	Construct New Public Access CNG Station	\$0.00	Yes
MS14084	US Air Conditioning Distributors	5/7/2015	9/6/2021		\$100,000.00	\$100,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS14090	City of Monterey Park	5/7/2015	5/6/2021		\$225,000.00	\$225,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes

Total: 31

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
FY 2014-2016 Contracts									
Open Contracts									
ML16006	City of Cathedral City	4/27/2016	4/26/2022		\$25,000.00	\$0.00	Bicycle Outreach	\$25,000.00	No
ML16007	City of Culver City Transportation De	10/6/2015	4/5/2023		\$246,000.00	\$210,000.00	Purchase 7 H.D. Nat. Gas Vehicles, EV Cha	\$36,000.00	No
ML16008	City of Pomona	9/20/2016	11/19/2022	5/19/2025	\$60,000.00	\$0.00	Purchase 3 Medium-Duty and 1 Heavy-Duty	\$60,000.00	No
ML16010	City of Fullerton	10/7/2016	4/6/2023	4/6/2024	\$78,222.00	\$27,896.71	Expand Existing CNG Station, EV Charging I	\$50,325.29	No
ML16017	City of Long Beach	2/5/2016	8/4/2023	1/4/2026	\$1,445,400.00	\$1,375,400.00	Purchase 50 Medium-Duty, 17 H.D. Nat. Ga	\$70,000.00	No
ML16018	City of Hermosa Beach	10/7/2016	1/6/2023		\$29,520.00	\$23,768.44	Purchase 2 M.D. Nat. Gas Vehicles, Bicycle	\$5,751.56	No
ML16022	Los Angeles Department of Water an	5/5/2017	3/4/2024	9/4/2025	\$360,000.00	\$0.00	Purchase 12 H.D. Nat. Gas Vehicles	\$360,000.00	No
ML16025	City of South Pasadena	6/22/2016	4/21/2023	10/21/2024	\$160,000.00	\$0.00	Purchase H.D. Nat. Gas Vehicle, Expand Exi	\$160,000.00	No
ML16032	City of Azusa	9/9/2016	4/8/2019	4/8/2021	\$474,925.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$474,925.00	No
ML16038	City of Palm Springs	4/1/2016	7/31/2022	9/30/2022	\$170,000.00	\$0.00	Install Bicycle Lanes & Purchase 2 Heavy-D	\$170,000.00	No
ML16039	City of Torrance Transit Department	1/6/2017	9/5/2022	9/5/2023	\$32,000.00	\$0.00	Install EV Charging Infrastructure	\$32,000.00	No
ML16040	City of Eastvale	1/6/2017	7/5/2022	7/5/2026	\$110,000.00	\$0.00	Install EV Charging Infrastructure	\$110,000.00	No
ML16041	City of Moreno Valley	9/3/2016	1/2/2021	1/2/2024	\$20,000.00	\$0.00	Install EV Charging Infrastructure	\$20,000.00	No
ML16042	City of San Dimas	4/1/2016	12/31/2019	12/31/2021	\$55,000.00	\$0.00	Install EV Charging Infrastructure	\$55,000.00	No
ML16046	City of El Monte	4/1/2016	5/31/2021	5/31/2023	\$20,160.00	\$0.00	Install EV Charging Infrastructure	\$20,160.00	No
ML16047	City of Fontana	1/6/2017	8/5/2019	8/5/2021	\$500,000.00	\$0.00	Enhance an Existing Class 1 Bikeway	\$500,000.00	No
ML16048	City of Placentia	3/26/2016	5/25/2021	6/25/2022	\$90,000.00	\$18,655.00	Install a Bicycle Locker and EV Charging Infr	\$71,345.00	No
ML16052	City of Rancho Cucamonga	9/3/2016	11/2/2019	3/31/2021	\$315,576.00	\$0.00	Install Two Class 1 Bikeways	\$315,576.00	No
ML16053	City of Claremont	3/11/2016	7/10/2018	12/10/2020	\$498,750.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$498,750.00	No
ML16057	City of Yucaipa	4/27/2016	1/26/2019	1/26/2021	\$380,000.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$380,000.00	No
ML16070	City of Beverly Hills	2/21/2017	6/20/2023		\$90,000.00	\$0.00	Purchase 3 H.D. Nat. Gas Vehicles	\$90,000.00	No
ML16071	City of Highland	5/5/2017	1/4/2020	1/4/2022	\$264,500.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$264,500.00	No
ML16075	City of San Fernando	10/27/2016	2/26/2019	2/26/2021	\$354,000.00	\$0.00	Install a Class 1 Bikeway	\$354,000.00	No
ML16077	City of Rialto	5/3/2018	10/2/2021	2/2/2026	\$463,216.00	\$158,105.51	Pedestrian Access Improvements, Bicycle L	\$305,110.49	No
ML16083	City of El Monte	4/1/2016	4/30/2021	4/30/2023	\$57,210.00	\$25,375.60	Install EV Charging Infrastructure	\$31,834.40	No
MS16086	San Bernardino County Transportatio	9/3/2016	10/2/2021		\$800,625.00	\$530,127.84	Freeway Service Patrols	\$270,497.16	No
MS16090	Los Angeles County MTA	10/27/2016	4/26/2020	10/26/2020	\$2,500,000.00	\$0.00	Expansion of the Willowbrook/Rosa Parks Tr	\$2,500,000.00	No
MS16094	Riverside County Transportation Co	1/25/2017	1/24/2022		\$1,909,241.00	\$0.00	MetroLink First Mile/Last Mile Mobility Strate	\$1,909,241.00	No
MS16096	San Bernardino County Transportatio	10/27/2016	12/26/2019	6/30/2021	\$450,000.00	\$0.00	EV Charging Infrastructure	\$450,000.00	No
MS16110	City of Riverside	10/6/2017	2/5/2025	2/5/2026	\$300,000.00	\$71,250.00	Expansion of Existing CNG Station and Main	\$228,750.00	No
MS16115	City of Santa Monica	4/14/2017	7/13/2025		\$870,000.00	\$427,500.00	Repower 58 Transit Buses	\$442,500.00	No
MS16117	Omnitrans	4/21/2017	6/20/2023		\$175,000.00	\$175,000.00	Expansion of Existing CNG Infrastructure	\$0.00	No
MS16118	Omnitrans	4/21/2017	6/20/2023		\$175,000.00	\$175,000.00	Expansion of Existing CNG Infrastructure	\$0.00	No
MS16119	Omnitrans	4/21/2017	8/20/2022		\$150,000.00	\$0.00	New Public Access CNG Station	\$150,000.00	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS16120	Omnitrans	4/7/2017	5/6/2025		\$945,000.00	\$0.00	Repower 63 Existing Buses	\$945,000.00	No
MS16121	Long Beach Transit	11/3/2017	4/2/2024	11/30/2026	\$600,000.00	\$14,250.00	Repower 39 and Purchase 1 New Transit Bu	\$585,750.00	No
MS16123	Orange County Transportation Autho	12/7/2018	11/6/2023		\$91,760.00	\$0.00	Install La Habra Union Pacific Bikeway	\$91,760.00	No
MS16124	Riverside County Transportation Co	12/14/2018	12/14/2019	5/14/2020	\$253,239.00	\$246,856.41	Extended Freeway Service Patrols	\$6,382.59	No
MS16125	San Bernardino County Transportatio	9/20/2019	11/19/2020		\$1,000,000.00	\$1,000,000.00	Traffic Signal Synchronization Projects	\$0.00	No

Total: 39

Declined/Cancelled Contracts

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

Total: 13

Closed Contracts

ML16009	City of Fountain Valley	10/6/2015	2/5/2018	5/5/2019	\$46,100.00	\$46,100.00	Install EV Charging Infrastructure	\$0.00	Yes
ML16015	City of Yorba Linda	3/4/2016	11/3/2017		\$85,000.00	\$85,000.00	Install Bicycle Lanes	\$0.00	No
ML16020	City of Pomona	4/1/2016	2/1/2018	8/1/2018	\$440,000.00	\$440,000.00	Install Road Surface Bicycle Detection Syste	\$0.00	Yes
ML16026	City of Downey	5/6/2016	9/5/2017		\$40,000.00	\$40,000.00	Install EV Charging Infrastructure	\$0.00	No
ML16028	City of Azusa	9/9/2016	4/8/2018		\$25,000.00	\$25,000.00	Enhance Existing Class 1 Bikeway	\$0.00	Yes
ML16031	City of Cathedral City	12/19/2015	2/18/2017		\$25,000.00	\$25,000.00	Street Sweeping in Coachella Valley	\$0.00	Yes
ML16033	Coachella Valley Association of Gove	4/27/2016	4/26/2018		\$250,000.00	\$250,000.00	Street Sweeping Operations in Coachella Val	\$0.00	Yes
ML16034	City of Riverside	3/11/2016	10/10/2018	7/10/2020	\$500,000.00	\$500,000.00	Implement a "Complete Streets" Pedestrian	\$0.00	Yes
ML16035	City of Wildomar	4/1/2016	11/1/2017		\$500,000.00	\$0.00	Install Bicycle Lanes	\$500,000.00	No
ML16036	City of Brea	3/4/2016	12/3/2018		\$500,000.00	\$500,000.00	Install a Class 1 Bikeway	\$0.00	Yes
ML16045	City of Anaheim	6/22/2016	8/21/2019		\$275,000.00	\$255,595.08	Maintenance Facility Modifications	\$19,404.92	Yes
ML16049	City of Buena Park	4/1/2016	11/30/2018		\$429,262.00	\$429,262.00	Installation of a Class 1 Bikeway	\$0.00	Yes
ML16051	City of South Pasadena	2/12/2016	1/11/2017	12/11/2017	\$320,000.00	\$258,691.25	Implement "Open Streets" Event with Variou	\$61,308.75	Yes
ML16054	City of Yucaipa	3/26/2016	7/26/2018	10/25/2019	\$120,000.00	\$120,000.00	Implement a "Complete Streets" Pedestrian	\$0.00	Yes
ML16060	City of Cudahy	2/5/2016	10/4/2017		\$73,910.00	\$62,480.00	Implement an "Open Streets" Event	\$11,430.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML16061	City of Murrieta	4/27/2016	1/26/2020		\$11,642.00	\$9,398.36	Installation of EV Charging Infrastructure	\$2,243.64	Yes
ML16062	City of Colton	6/3/2016	7/2/2020		\$21,003.82	\$21,003.82	Installation of EV Charging Infrastructure	\$0.00	Yes
ML16064	County of Orange, OC Parks	2/21/2017	10/20/2018		\$204,073.00	\$157,632.73	Implement "Open Streets" Events with Vario	\$46,440.27	Yes
ML16066	City of Long Beach Public Works	1/13/2017	9/12/2018		\$75,050.00	\$63,763.62	Implement an "Open Streets" Event	\$11,286.38	Yes
ML16068	Riverside County Dept of Public Heal	12/2/2016	8/1/2018		\$171,648.00	\$171,648.00	Implement "Open Streets" Events with Vario	\$0.00	Yes
ML16073	City of Long Beach Public Works	1/13/2017	7/12/2017		\$50,000.00	\$50,000.00	Implement an "Open Streets" Event	\$0.00	Yes
ML16078	City of Moreno Valley	5/6/2016	11/5/2017	5/5/2018	\$32,800.00	\$31,604.72	Install Bicycle Infrastructure & Implement Bic	\$1,195.28	Yes
ML16079	City of Yucaipa	4/1/2016	3/31/2020		\$5,000.00	\$5,000.00	Purchase Electric Lawnmower	\$0.00	Yes
ML16122	City of Wildomar	6/8/2018	6/7/2019		\$500,000.00	\$500,000.00	Install Bicycle Lanes	\$0.00	Yes
ML16126	City of Palm Springs	7/31/2019	7/30/2020	10/30/2020	\$22,000.00	\$19,279.82	Install Bicycle Racks, and Implement Bicycle	\$2,720.18	Yes
MS16001	Los Angeles County MTA	4/1/2016	4/30/2017		\$1,350,000.00	\$1,332,039.84	Clean Fuel Transit Service to Dodger Stadiu	\$17,960.16	Yes
MS16002	Orange County Transportation Autho	10/6/2015	5/31/2016		\$722,266.00	\$703,860.99	Clean Fuel Transit Service to Orange County	\$18,405.01	Yes
MS16003	Special Olympics World Games Los	10/9/2015	12/30/2015		\$380,304.00	\$380,304.00	Low-Emission Transportation Service for Sp	\$0.00	Yes
MS16004	Mineral LLC	9/4/2015	7/3/2017	1/3/2018	\$27,690.00	\$9,300.00	Design, Develop, Host and Maintain MSRC	\$18,390.00	Yes
MS16029	Orange County Transportation Autho	1/12/2018	6/11/2020		\$836,413.00	\$567,501.06	TCM Partnership Program - OC Bikeways	\$268,911.94	Yes
MS16030	Better World Group Advisors	12/19/2015	12/31/2017	12/31/2019	\$271,619.00	\$245,355.43	Programmic Outreach Services to the MSRC	\$26,263.57	Yes
MS16084	Transit Systems Unlimited, Inc.	5/6/2016	2/28/2018		\$565,600.00	\$396,930.00	Implement Special Shuttle Service from Unio	\$168,670.00	No
MS16085	Southern California Regional Rail Aut	3/11/2016	9/30/2016		\$78,033.00	\$64,285.44	Special MetroLink Service to Autoclub Spee	\$13,747.56	No
MS16089	Orange County Transportation Autho	7/8/2016	4/30/2017		\$128,500.00	\$128,500.00	Implement Special Bus Service to Angel Sta	\$0.00	Yes
MS16092	San Bernardino County Transportatio	2/3/2017	1/2/2019		\$242,937.00	\$242,016.53	Implement a Series of "Open Streets" Event	\$920.47	Yes
MS16093	Orange County Transportation Autho	9/3/2016	3/2/2018	9/2/2018	\$1,553,657.00	\$1,499,575.85	Implement a Mobile Ticketing System	\$54,081.15	Yes
MS16095	Orange County Transportation Autho	7/22/2016	5/31/2017		\$694,645.00	\$672,864.35	Implement Special Bus Service to Orange C	\$21,780.65	Yes
MS16099	Foothill Transit	3/3/2017	3/31/2017		\$50,000.00	\$50,000.00	Provide Special Bus Service to the Los Ange	\$0.00	Yes
MS16100	Southern California Regional Rail Aut	5/5/2017	9/30/2017		\$80,455.00	\$66,169.43	Provide Metrolink Service to Autoclub Speed	\$14,285.57	Yes
Total: 39									

Closed/Incomplete Contracts

ML16005	City of Palm Springs	3/4/2016	10/3/2017		\$40,000.00	\$0.00	Install Bicycle Racks, and Implement Bicycle	\$40,000.00	No
MS16082	Riverside County Transportation Co	9/3/2016	8/2/2018		\$590,759.00	\$337,519.71	Extended Freeway Service Patrols	\$253,239.29	No
MS16091	San Bernardino County Transportatio	10/7/2016	11/6/2018		\$1,000,000.00	\$0.00	Traffic Signal Synchronization Projects	\$1,000,000.00	No

Total: 3

Open/Complete Contracts

ML16011	City of Claremont	10/6/2015	6/5/2022		\$90,000.00	\$90,000.00	Purchase 3 Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML16012	City of Carson	1/15/2016	10/14/2022		\$60,000.00	\$60,000.00	Purchase 2 Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML16013	City of Monterey Park	12/4/2015	7/3/2022	7/3/2024	\$90,000.00	\$90,000.00	Purchase 3 Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML16016	City of Los Angeles Dept of General	2/5/2016	12/4/2022		\$630,000.00	\$630,000.00	Purchase 21 Heavy-Duty Nat. Gas Vehicles	\$0.00	Yes
ML16019	City of Los Angeles, Dept of General	1/25/2017	3/24/2023		\$102,955.00	\$102,955.00	Install EV Charging Infrastructure	\$0.00	Yes
ML16021	City of Santa Clarita	10/7/2016	6/6/2024		\$49,400.00	\$49,399.00	Install EV Charging Infrastructure	\$1.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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 Vehi	\$0.00	Yes
ML16056	City of Ontario	3/23/2016	9/22/2020	9/22/2021	\$106,565.00	\$106,565.00	Expansion of an Existing CNG Station	\$0.00	Yes
ML16058	Los Angeles County Department of P	10/7/2016	4/6/2024		\$371,898.00	\$371,898.00	Purchase 11 H.D. Nat. Gas Vehicles and Ins	\$0.00	No
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
ML16063	City of Glendora	3/4/2016	4/3/2022		\$30,000.00	\$30,000.00	Purchase One H.D. Nat. Gas Vehicle	\$0.00	Yes
ML16069	City of West Covina	3/10/2017	6/9/2021		\$54,199.00	\$54,199.00	Installation of EV Charging Infrastructure	\$0.00	Yes
ML16072	City of Palm Desert	3/4/2016	1/4/2020	1/3/2022	\$56,000.00	\$56,000.00	Installation of EV Charging Infrastructure	\$0.00	Yes
ML16076	City of San Fernando	2/21/2017	8/20/2021		\$43,993.88	\$43,993.88	Install EV Charging Infrastructure	\$0.00	Yes
MS16081	EDCO Disposal Corporation	3/4/2016	10/3/2022		\$150,000.00	\$150,000.00	Expansion of Existing Public Access CNG St	\$0.00	Yes
MS16087	Burrtec Waste & Recycling Services,	7/8/2016	3/7/2023		\$100,000.00	\$100,000.00	Construct New Limited-Access CNG Station	\$0.00	Yes
MS16088	Transit Systems Unlimited, Inc.	5/12/2017	1/11/2023		\$17,000.00	\$17,000.00	Expansion of Existing CNG Station	\$0.00	Yes
MS16097	Walnut Valley Unified School District	10/7/2016	11/6/2022		\$250,000.00	\$250,000.00	Expand CNG Station & Modify Maintenance	\$0.00	Yes
MS16102	Nasa Services, Inc.	2/21/2017	4/20/2023		\$100,000.00	\$100,000.00	Construct a Limited-Access CNG Station	\$0.00	No
MS16103	Arrow Services, Inc.	2/3/2017	4/2/2023		\$100,000.00	\$100,000.00	Construct a Limited-Access CNG Station	\$0.00	Yes
MS16105	Huntington Beach Union High School	3/3/2017	7/2/2024		\$175,000.00	\$175,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS16112	Orange County Transportation Autho	4/14/2017	3/13/2024		\$1,470,000.00	\$1,470,000.00	Repower Up to 98 Transit Buses	\$0.00	No
MS16113	Los Angeles County MTA	5/12/2017	4/11/2024		\$1,875,000.00	\$1,875,000.00	Repower Up to 125 Transit Buses	\$0.00	Yes
MS16114	City of Norwalk	3/3/2017	6/2/2024		\$45,000.00	\$32,170.00	Purchase 3 Transit Buses	\$12,830.00	Yes
MS16116	Riverside Transit Agency	3/3/2017	1/2/2023		\$10,000.00	\$9,793.00	Purchase One Transit Bus	\$207.00	No

Total: 30

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
FY 2016-2018 Contracts									
Open Contracts									
ML18020	City of Colton	5/3/2018	4/2/2024		\$67,881.00	\$35,667.00	Purchase One Medium-Duty and One Heavy	\$32,214.00	No
ML18030	City of Grand Terrace	6/28/2018	3/27/2022	3/27/2025	\$45,000.00	\$0.00	Install EVSE	\$45,000.00	No
ML18031	City of Diamond Bar	9/7/2018	11/6/2025		\$73,930.00	\$0.00	Install EVSE, Purchase up to 2-LD Vehicles	\$73,930.00	No
ML18034	City of Calabasas	6/8/2018	3/7/2022	3/7/2023	\$50,000.00	\$0.00	Install EVSE	\$50,000.00	No
ML18036	City of Indian Wells	8/8/2018	5/7/2023		\$50,000.00	\$0.00	Install EV Charging Station	\$50,000.00	No
ML18038	City of Anaheim	10/5/2018	5/4/2025	5/4/2026	\$221,500.00	\$147,883.27	Purchase 5 Light-Duty ZEVs and Install EVS	\$73,616.73	No
ML18039	City of Redlands	6/28/2018	7/27/2024	1/27/2025	\$87,000.00	\$0.00	Purchase 1 Medium/Heavy-Duty ZEV and In	\$87,000.00	No
ML18041	City of West Hollywood	8/8/2018	12/7/2023		\$50,000.00	\$0.00	Install EV Charging Infrastructure	\$50,000.00	No
ML18043	City of Yorba Linda	9/7/2018	12/6/2023		\$87,990.00	\$0.00	Install EV Charging Infrastructure	\$87,990.00	No
ML18044	City of Malibu	8/8/2018	10/7/2022	10/7/2023	\$50,000.00	\$0.00	Install EV Charging Infrastructure	\$50,000.00	No
ML18046	City of Santa Ana	11/9/2018	7/8/2026		\$385,000.00	\$0.00	Purchase 6 Light-Duty ZEVs, 9 Heavy-Duty	\$385,000.00	No
ML18047	City of Whittier	8/8/2018	4/7/2026		\$113,910.00	\$45,564.00	Purchase 5 Heavy-Duty Near-Zero Emission	\$68,346.00	No
ML18050	City of Irvine	9/7/2018	8/6/2028		\$330,490.00	\$0.00	Purchase 1 Medium/Heavy-Duty ZEV and In	\$330,490.00	No
ML18051	City of Rancho Cucamonga	3/1/2019	10/31/2025		\$227,040.00	\$0.00	Purchase 9 Light-Duty ZEVs, 2 Med-Duty ZE	\$227,040.00	No
ML18053	City of Paramount	9/7/2018	3/6/2023		\$64,675.00	\$0.00	Install EV Charging Infrastructure	\$64,675.00	No
ML18055	City of Long Beach Fleet Services Bu	11/29/2018	11/28/2026		\$622,220.00	\$103,465.30	Install EV Charging Stations	\$518,754.70	No
ML18056	City of Chino	3/29/2019	9/28/2023		\$103,868.00	\$103,868.00	Install EV Charging Infrastructure	\$0.00	No
ML18057	City of Carson	10/5/2018	7/4/2023		\$106,250.00	\$50,000.00	Purchase 5 Zero-Emission Vehicles and Infr	\$56,250.00	No
ML18058	City of Perris	10/12/2018	11/11/2024		\$94,624.00	\$0.00	Purchase 1 Med. H.D. ZEV and EV Charging	\$94,624.00	No
ML18059	City of Glendale Water & Power	2/1/2019	7/31/2026		\$260,500.00	\$0.00	Install Electric Vehicle Charging Infrastructur	\$260,500.00	No
ML18060	County of Los Angeles Internal Servi	10/5/2018	8/4/2026		\$1,367,610.00	\$271,648.00	Purchase 29 Light-Duty Zero Emission Vehic	\$1,095,962.00	No
ML18063	City of Riverside	6/7/2019	1/6/2027		\$383,610.00	\$0.00	Expand Existing CNG Stations	\$383,610.00	No
ML18064	City of Eastvale	11/29/2018	4/28/2026		\$80,400.00	\$28,457.43	Purchase 2 Light-Duty, One Medium-Duty. Z	\$51,942.57	No
ML18067	City of Pico Rivera	9/7/2018	11/6/2022		\$83,500.00	\$0.00	Instal EVSE	\$83,500.00	No
ML18068	City of Mission Viejo	7/31/2019	6/30/2027		\$125,690.00	\$10,000.00	Purchase 2 Light-Duty ZEVs, Install EVSE &	\$115,690.00	No
ML18069	City of Torrance	3/1/2019	7/31/2027		\$187,400.00	\$100,000.00	Purchase 4 Heavy-Duty Near-Zero Emission	\$87,400.00	No
ML18078	County of Riverside	10/5/2018	10/4/2028		\$425,000.00	\$200,000.00	Purchase 17 Heavy-Duty Vehicles	\$225,000.00	No
ML18080	City of Santa Monica	1/10/2019	12/9/2023		\$121,500.00	\$14,748.62	Install EV Charging Stations	\$106,751.38	No
ML18081	City of Beaumont	10/5/2018	10/4/2022	10/4/2023	\$31,870.00	\$31,870.00	EV Charging Infrastructure	\$0.00	No
ML18082	City of Los Angeles Bureau of Sanita	8/30/2019	8/29/2028		\$900,000.00	\$0.00	Purchase Medium-Duty Vehicles and EV Ch	\$900,000.00	No
ML18083	City of San Fernando	11/2/2018	11/1/2022		\$20,000.00	\$0.00	Implement Traffic Signal Synchronization	\$20,000.00	No
ML18084	City of South El Monte	10/18/2019	9/17/2023	9/17/2024	\$30,000.00	\$0.00	EV Charging Infrastructure	\$30,000.00	No
ML18087	City of Murrieta	3/29/2019	3/28/2025		\$143,520.00	\$143,520.00	Install Four EV Charging Stations	\$0.00	No
ML18088	City of Big Bear Lake	11/29/2018	8/28/2020	8/28/2021	\$50,000.00	\$0.00	Install Bicycle Trail	\$50,000.00	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML18089	City of Glendora	7/19/2019	4/18/2025	4/18/2026	\$50,760.00	\$0.00	Purchase a medium-duty ZEV	\$50,760.00	No
ML18090	City of Santa Clarita	5/9/2019	2/8/2023		\$122,000.00	\$0.00	Install Nine EV Charging Stations	\$122,000.00	No
ML18091	City of Temecula	1/19/2019	7/18/2023		\$141,000.00	\$0.00	Install Sixteen EV Charging Stations	\$141,000.00	No
ML18092	City of South Pasadena	2/1/2019	1/31/2025		\$50,000.00	\$0.00	Procure Two Light-Duty ZEVs and Install EV	\$50,000.00	No
ML18093	City of Monterey Park	2/1/2019	2/28/2026		\$25,000.00	\$0.00	Purchase Heavy-Duty Near-ZEV	\$25,000.00	No
ML18094	City of Laguna Woods	7/12/2019	12/11/2024		\$50,000.00	\$0.00	Install Two EV Charging Stations	\$50,000.00	No
ML18095	City of Gardena	11/9/2018	12/8/2024		\$25,000.00	\$0.00	Purchase Heavy-Duty Near-ZEV	\$25,000.00	No
ML18096	City of Highland	12/13/2019	8/12/2024		\$70,210.00	\$9,918.84	Purchase Light-Duty ZEV and Install Three E	\$60,291.16	No
ML18098	City of Redondo Beach	2/1/2019	3/31/2023	3/31/2024	\$89,400.00	\$0.00	Install Six EV Charging Stations	\$89,400.00	No
ML18099	City of Laguna Hills	3/1/2019	5/31/2023		\$32,250.00	\$0.00	Install Six EV Charging Stations	\$32,250.00	No
ML18100	City of Brea	10/29/2020	12/28/2024		\$56,500.00	\$0.00	Install Thirteen EV Charging Stations	\$56,500.00	No
ML18101	City of Burbank	2/1/2019	4/30/2024		\$137,310.00	\$0.00	Install Twenty EV Charging Stations	\$137,310.00	No
ML18126	City of Lomita	12/7/2018	1/6/2020		\$26,500.00	\$13,279.56	Install bicycle racks and lanes	\$13,220.44	No
ML18128	City of Aliso Viejo	8/30/2019	11/29/2023		\$65,460.00	\$0.00	Purchase Two Light-Duty ZEVs and Install S	\$65,460.00	No
ML18129	City of Yucaipa	12/14/2018	3/13/2023		\$63,097.00	\$0.00	Install Six EV Charging Stations	\$63,097.00	No
ML18130	City of Lake Forest	3/1/2019	9/30/2022		\$106,480.00	\$0.00	Install Twenty-One EVSEs	\$106,480.00	No
ML18132	City of Montclair	4/5/2019	9/4/2023		\$50,000.00	\$0.00	Install Eight EVSEs	\$50,000.00	No
ML18133	City of Rancho Mirage	12/7/2018	11/6/2020		\$50,000.00	\$0.00	Traffic Signal Synchronization	\$50,000.00	No
ML18134	City of Los Angeles Dept of General	5/3/2019	5/2/2028		\$290,000.00	\$0.00	Purchase Five Medium-Duty ZEVs	\$290,000.00	No
ML18135	City of Azusa	12/6/2019	12/5/2029		\$55,000.00	\$0.00	Purchase Three Light-Duty ZEVs and One H	\$55,000.00	No
ML18136	City of Orange	4/12/2019	8/11/2024		\$42,500.00	\$30,000.00	Purchase Four Light-Duty ZEVs and Install	\$12,500.00	No
ML18137	City of Wildomar	3/1/2019	5/31/2021	12/1/2021	\$50,000.00	\$0.00	Install Bicycle Trail	\$50,000.00	No
ML18138	City of La Canada Flintridge	2/8/2019	5/7/2023		\$50,000.00	\$32,588.07	Install Four EVSEs and Install Bicycle Racks	\$17,411.93	No
ML18139	City of Calimesa	8/30/2019	7/29/2020	11/29/2021	\$50,000.00	\$0.00	Install Bicycle Lane	\$50,000.00	No
ML18140	City of Bell Gardens	12/14/2018	12/13/2028		\$50,000.00	\$0.00	Purchase Two Heavy-Duty Near-ZEVs	\$50,000.00	No
ML18141	City of Rolling Hills Estates	2/14/2020	1/13/2024		\$40,000.00	\$0.00	Purchase One Light-Duty ZEV and Install Tw	\$40,000.00	No
ML18142	City of La Quinta	4/24/2019	2/23/2023	8/23/2023	\$51,780.00	\$0.00	Install Two EV Charging Stations	\$51,780.00	No
ML18143	City of La Habra	10/18/2019	9/17/2025	9/17/2027	\$80,700.00	\$73,669.08	Install Two EV Charging Stations	\$7,030.92	No
ML18144	City of Fontana Public Works	10/4/2019	12/3/2023		\$269,090.00	\$0.00	Install Twelve EVSEs	\$269,090.00	No
ML18145	City of Los Angeles Dept of Transpor	1/10/2020	4/9/2027		\$1,400,000.00	\$0.00	Provide One Hundred Rebates to Purchaser	\$1,400,000.00	No
ML18146	City of South Gate	3/1/2019	11/30/2023		\$127,400.00	\$50,000.00	Purchase Five Light-Duty ZEVs and Install T	\$77,400.00	No
ML18147	City of Palm Springs	1/10/2019	1/9/2024		\$60,000.00	\$0.00	Install Eighteen EV Charging Stations	\$60,000.00	No
ML18151	County of San Bernardino Departme	8/25/2020	10/24/2029		\$200,000.00	\$0.00	Purchase Eight Heavy-Duty Near Zero Emis	\$200,000.00	No
ML18152	County of San Bernardino Flood Cont	8/11/2020	10/10/2029		\$108,990.00	\$0.00	Purchase Five Heavy-Duty Near Zero Emis	\$108,990.00	No
ML18154	City of Hemet	11/22/2019	9/21/2023	3/21/2024	\$30,000.00	\$0.00	Purchase Two Light-Duty ZEV and EV Charg	\$30,000.00	No
ML18156	City of Covina	2/1/2019	3/31/2023	12/31/2023	\$63,800.00	\$62,713.00	Purchase Four Light-Duty ZEVs and EV Cha	\$1,087.00	No
ML18157	City of Los Angeles Bureau of Street	6/21/2019	5/20/2027		\$85,000.00	\$0.00	Purchase One Medium-Duty ZEV	\$85,000.00	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML18159	City of Rialto	12/13/2019	5/12/2024		\$135,980.00	\$0.00	Purchase Nine Light-Duty ZEVs and EV Cha	\$135,980.00	No
ML18161	City of Indio	5/3/2019	10/2/2025		\$50,000.00	\$10,000.00	Purchase 1 Light-Duty Zero Emission, 1 Hea	\$40,000.00	No
ML18162	City of Costa Mesa	1/10/2020	7/9/2026		\$148,210.00	\$0.00	Purchase Four Light-Duty ZEVs and EV Cha	\$148,210.00	No
ML18163	City of San Clemente	3/8/2019	12/7/2024	12/7/2025	\$85,000.00	\$70,533.75	Purchase Four Light-Duty ZEVs and EV Cha	\$14,466.25	No
ML18165	City of Baldwin Park	2/1/2019	1/30/2024		\$49,030.00	\$0.00	Expand CNG Station	\$49,030.00	No
ML18167	City of Beverly Hills	3/29/2019	6/28/2025		\$50,000.00	\$0.00	Purchase Two Heavy-Duty Near-Zero Emissi	\$50,000.00	No
ML18168	City of Maywood	3/29/2019	11/28/2022		\$7,059.00	\$0.00	Purchase EV Charging Infrastructure	\$7,059.00	No
ML18169	City of Alhambra	6/14/2019	8/13/2024		\$111,980.00	\$0.00	Install EV Charging Infrastructure	\$111,980.00	No
ML18170	City of Laguna Niguel	1/10/2020	8/9/2028		\$85,100.00	\$0.00	Purchase Two Light-Duty ZEVs and EV Char	\$85,100.00	No
ML18171	City of El Monte	3/1/2019	4/30/2025		\$119,757.00	\$68,077.81	Purchase One Heavy-Duty ZEVs and EV Ch	\$51,679.19	No
ML18172	City of Huntington Park	3/1/2019	2/28/2025		\$65,450.00	\$0.00	Purchase One Heavy-Duty ZEV	\$65,450.00	No
ML18174	City of Bell	11/22/2019	7/21/2026		\$25,000.00	\$0.00	Purchase One Heavy-Duty ZEV	\$25,000.00	No
ML18176	City of Coachella	3/1/2019	11/30/2024		\$58,020.00	\$58,020.00	Install EV Charging Stations	\$0.00	Yes
ML18177	City of San Bernardino	6/7/2019	12/6/2026		\$279,088.00	\$0.00	Purchase Medium- and Heavy-Duty Evs and	\$279,088.00	No
ML18178	City of La Puente	11/1/2019	11/30/2025		\$25,000.00	\$25,000.00	Purchase One Heavy-Duty Near-Zero Emissi	\$0.00	No
MS18002	Southern California Association of G	6/9/2017	11/30/2018	4/30/2021	\$2,500,000.00	\$886,787.98	Regional Active Transportation Partnership	\$1,613,212.02	No
MS18003	Geographics	2/21/2017	2/20/2021		\$70,453.00	\$61,496.96	Design, Host and Maintain MSRC Website	\$8,956.04	No
MS18015	Southern California Association of G	7/13/2018	2/28/2021	8/31/2021	\$2,000,000.00	\$0.00	Southern California Future Communities Part	\$2,000,000.00	No
MS18023	Riverside County Transportation Co	6/28/2018	6/27/2021		\$500,000.00	\$219,962.43	Weekend Freeway Service Patrols	\$280,037.57	No
MS18024	Riverside County Transportation Co	6/28/2018	8/27/2021		\$1,500,000.00	\$659,640.00	Vanpool Incentive Program	\$840,360.00	No
MS18025	Los Angeles County MTA	11/29/2018	5/31/2019		\$1,324,560.00	\$961,246.86	Special Bus and Train Service to Dodger Sta	\$363,313.14	Yes
MS18026	Omnitrans	10/5/2018	1/4/2020		\$83,000.00	\$0.00	Modify Vehicles Maintenance Facility and Tr	\$83,000.00	No
MS18027	City of Gardena	11/2/2018	9/1/2026		\$365,000.00	\$0.00	Install New Limited Access CNG, Modify Mai	\$365,000.00	No
MS18029	Irvine Ranch Water District	8/8/2018	10/7/2024		\$185,000.00	\$0.00	Install New Limited Access CNG Station & T	\$185,000.00	No
MS18065	San Bernardino County Transportatio	3/29/2019	8/28/2023		\$2,000,000.00	\$1,664,525.31	Implement Metrolink Line Fare Discount Pro	\$335,474.69	No
MS18066	El Dorado National	12/6/2019	2/5/2026		\$100,000.00	\$0.00	Install New Limited-Access CNG Station	\$100,000.00	No
MS18073	Los Angeles County MTA	1/10/2019	2/9/2026		\$2,000,000.00	\$0.00	Purchase 40 Zero-Emission Transit Buses	\$2,000,000.00	No
MS18104	Orange County Transportation Autho	2/21/2020	3/31/2021		\$212,000.00	\$165,235.92	Implement College Pass Transit Fare Subsid	\$46,764.08	No
MS18106	R.F. Dickson Co., Inc.	7/19/2019	1/18/2026		\$265,000.00	\$250,000.00	Expansion of Existing Infrastructure/Mechani	\$15,000.00	No
MS18108	Capistrano Unified School District	2/1/2019	5/30/2025		\$116,000.00	\$0.00	Expansion of Existing Infrastructure & Train	\$116,000.00	No
MS18110	Mountain View Unified School District	2/1/2019	3/31/2025		\$275,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$275,000.00	No
MS18112	Banning Unified School District	11/29/2018	11/28/2024	11/28/2025	\$275,000.00	\$0.00	Install New CNG Infrastructure	\$275,000.00	No
MS18114	Los Angeles County Department of P	11/15/2019	11/14/2026		\$175,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$175,000.00	No
MS18115	City of Commerce	6/7/2019	12/6/2025		\$275,000.00	\$0.00	Expansion of Existing L/CNG Infrastructure	\$275,000.00	No
MS18116	Los Angeles County Department of P	11/15/2019	11/14/2026		\$175,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$175,000.00	No
MS18117	City of San Bernardino	6/7/2019	11/6/2025		\$240,000.00	\$228,000.00	Expansion of Existing CNG Infrastructure/Me	\$12,000.00	No
MS18118	City of Beverly Hills	3/29/2019	7/28/2025		\$85,272.00	\$0.00	Expansion of Existing CNG Infrastructure	\$85,272.00	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS18122	Universal Waste Systems, Inc.	2/1/2019	3/31/2025	3/31/2026	\$200,000.00	\$0.00	Install New Limited Access CNG Infrastructur	\$200,000.00	No
MS18124	County Sanitation Districts of Los An	7/31/2019	2/28/2027		\$275,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$275,000.00	No
MS18125	U.S. Venture	5/9/2019	8/8/2025		\$200,000.00	\$180,000.00	Install New Limited-Access CNG Infrastructu	\$20,000.00	No
MS18175	Regents of the University of Californi	6/7/2019	8/6/2025		\$1,000,000.00	\$0.00	Expansion of Existing Hydrogen Station	\$1,000,000.00	No

Total: 112

Pending Execution Contracts

ML18148	City of San Dimas				\$50,000.00	\$0.00	Implement Bike Share Program	\$50,000.00	No
ML18149	City of Sierra Madre				\$50,000.00	\$0.00	Implement Bike Share Program	\$50,000.00	No
ML18150	City of South El Monte				\$20,000.00	\$0.00	Implement Bike Share Program	\$20,000.00	No
ML18158	City of Inglewood				\$146,000.00	\$0.00	Purchase 4 Light-Duty Zero Emission, 4 Hea	\$146,000.00	No
ML18166	City of Placentia				\$25,000.00	\$0.00	Purchase One Heavy-Duty Near-Zero Emissi	\$25,000.00	No
MS18121	City of Montebello				\$70,408.00	\$0.00	Expansion of Existing CNG Infrastructure	\$70,408.00	No

Total: 6

Declined/Cancelled Contracts

ML18075	City of Orange				\$25,000.00	\$0.00	One Heavy-Duty Vehicle	\$25,000.00	No
ML18153	City of Cathedral City	5/3/2019	4/2/2025		\$52,215.00	\$0.00	Install EV Charging Infrastructure	\$52,215.00	No
ML18164	City of Pomona				\$200,140.00	\$0.00	Purchase Three Heavy-Duty ZEVs	\$200,140.00	No
MS18009	Penske Truck Leasing Co., L.P.	8/8/2018	12/7/2020		\$82,500.00	\$0.00	Modify Maintenance Facility & Train Technici	\$82,500.00	No
MS18013	California Energy Commission				\$3,000,000.00	\$0.00	Advise MSRC and Administer Hydrogen Infr	\$3,000,000.00	No
MS18017	City of Banning				\$225,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$225,000.00	No
MS18018	City of Norwalk	6/8/2018	9/7/2019		\$75,000.00	\$0.00	Vehicle Maintenance Facility Modifications	\$75,000.00	No
MS18107	Huntington Beach Union High School				\$225,000.00	\$0.00	Expansion of Existing Infrastructure	\$225,000.00	No
MS18109	City of South Gate				\$175,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$175,000.00	No
MS18111	Newport-Mesa Unified School District				\$175,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$175,000.00	No
MS18113	City of Torrance				\$100,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$100,000.00	No
MS18119	LBA Realty Company XI LP				\$100,000.00	\$0.00	Install New Limited-Access CNG Infrastructu	\$100,000.00	No

Total: 12

Closed Contracts

MS18001	Los Angeles County MTA	6/29/2017	4/30/2018		\$807,945.00	\$652,737.07	Provide Clean Fuel Transit Service to Dodge	\$155,207.93	No
MS18004	Orange County Transportation Autho	8/3/2017	4/30/2019		\$503,272.00	\$456,145.29	Provide Special Rail Service to Angel Stadiu	\$47,126.71	Yes
MS18005	Orange County Transportation Autho	1/5/2018	4/30/2019		\$834,222.00	\$834,222.00	Clean Fuel Bus Service to OC Fair	\$0.00	Yes
MS18006	Anaheim Transportation Network	10/6/2017	2/28/2020		\$219,564.00	\$9,488.22	Implement Anaheim Circulator Service	\$210,075.78	No
MS18008	Foothill Transit	1/12/2018	3/31/2019		\$100,000.00	\$99,406.61	Special Transit Service to LA County Fair	\$593.39	Yes
MS18010	Southern California Regional Rail Aut	12/28/2017	7/31/2019		\$351,186.00	\$275,490.61	Implement Special Metrolink Service to Unio	\$75,695.39	Yes
MS18011	Southern California Regional Rail Aut	2/9/2018	6/30/2018		\$239,565.00	\$221,725.12	Special Train Service to Festival of Lights	\$17,839.88	Yes
MS18014	Regents of the University of Californi	10/5/2018	12/4/2019	3/4/2020	\$254,795.00	\$251,455.59	Planning for EV Charging Infrastructure Inve	\$3,339.41	Yes
MS18016	Southern California Regional Rail Aut	1/10/2019	3/31/2019		\$87,764.00	\$73,140.89	Special Train Service to Auto Club Speedwa	\$14,623.11	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS18102	Orange County Transportation Autho	10/4/2019	5/31/2020		\$1,146,000.00	\$1,146,000.00	Implement OC Flex Micro-Transit Pilot Proje	\$0.00	Yes
MS18103	Orange County Transportation Autho	2/8/2019	9/7/2020		\$642,000.00	\$613,303.83	Install Hydrogen Detection System	\$28,696.17	Yes
MS18105	Southern California Regional Rail Aut	1/10/2019	6/30/2019		\$252,696.00	\$186,830.04	Special Train Service to the Festival of Light	\$65,865.96	Yes
Total: 12									
Open/Complete Contracts									
ML18019	City of Hidden Hills	5/3/2018	5/2/2022	5/2/2023	\$49,999.00	\$49,999.00	Purchase Two Light-Duty ZEVs and EVSE	\$0.00	Yes
ML18021	City of Signal Hill	4/6/2018	1/5/2022		\$49,661.00	\$46,079.31	Install EV Charging Station	\$3,581.69	Yes
ML18022	City of Desert Hot Springs	5/3/2018	1/2/2020	1/2/2021	\$50,000.00	\$50,000.00	Traffic Signal and Synchronization Project	\$0.00	Yes
ML18028	City of Artesia	6/28/2018	3/27/2025		\$50,000.00	\$50,000.00	Install EVSE	\$0.00	Yes
ML18032	City of Arcadia	2/1/2019	4/30/2025		\$24,650.00	\$24,650.00	Purchase 1 Heavy-Duty Near-ZEV	\$0.00	No
ML18033	City of Duarte	8/8/2018	2/7/2025		\$50,000.00	\$50,000.00	Purchase 1-HD ZEV	\$0.00	Yes
ML18035	City of Westlake Village	8/8/2018	11/7/2022		\$50,000.00	\$50,000.00	Install EVSE	\$0.00	Yes
ML18037	City of Westminster	6/28/2018	6/27/2024	12/27/2026	\$120,900.00	\$120,900.00	Install EVSE, Purchase up to 3-LD ZEV & 1-	\$0.00	Yes
ML18040	City of Agoura Hills	7/13/2018	6/12/2022		\$17,914.00	\$17,914.00	Install EV Charging Infrastructure	\$0.00	Yes
ML18042	City of San Fernando	6/28/2018	2/27/2024		\$10,000.00	\$10,000.00	Purchase 1 Light-Duty ZEV	\$0.00	Yes
ML18045	City of Culver City Transportation De	6/28/2018	6/27/2025		\$51,000.00	\$51,000.00	Purchase Eight Near-Zero Vehicles	\$0.00	Yes
ML18048	City of Lynwood	6/28/2018	10/27/2024		\$93,500.00	\$44,505.53	Purchase Up to 3 Medium-Duty Zero-Emissi	\$48,994.47	No
ML18049	City of Downey	7/6/2018	5/5/2023		\$148,260.00	\$148,116.32	Install EV Charging Stations	\$143.68	Yes
ML18052	City of Garden Grove	8/8/2018	10/7/2022		\$53,593.00	\$46,164.28	Purchase 4 L.D. ZEVs and Infrastructure	\$7,428.72	No
ML18054	City of La Habra Heights	8/8/2018	4/7/2022		\$9,200.00	\$9,200.00	Purchase 1 L.D. ZEV	\$0.00	Yes
ML18061	City of Moreno Valley	4/9/2019	2/8/2025		\$25,000.00	\$25,000.00	Purchase 1 Heavy-Duty Near-ZEV	\$0.00	Yes
ML18062	City of Beaumont	8/8/2018	9/7/2024		\$25,000.00	\$25,000.00	Purchase 1 Heavy-Duty Near-ZEV	\$0.00	Yes
ML18070	City of Lomita	11/29/2018	6/28/2022		\$6,250.00	\$6,250.00	Purchase 1 Light-Duty ZEV	\$0.00	No
ML18071	City of Chino Hills	9/7/2018	10/6/2022		\$20,000.00	\$20,000.00	Purchase 2 Light-Duty ZEVs	\$0.00	Yes
ML18072	City of Anaheim	12/18/2018	11/17/2026		\$239,560.00	\$239,560.00	Purchase 9 Light-Duty ZEVs & 2 Med/Hvy-D	\$0.00	Yes
ML18074	City of Buena Park	12/14/2018	6/13/2026		\$107,960.00	\$107,960.00	EV Charging Infrastructure	\$0.00	No
ML18076	City of Culver City Transportation De	10/5/2018	10/4/2023		\$1,130.00	\$1,130.00	Purchase Light-Duty ZEV	\$0.00	Yes
ML18077	City of Orange	11/2/2018	10/1/2022		\$59,776.00	\$59,776.00	Four Light-Duty ZEV and EV Charging Infr	\$0.00	Yes
ML18079	City of Pasadena	12/7/2018	11/6/2023		\$183,670.00	\$183,670.00	EV Charging Infrastructure	\$0.00	Yes
ML18085	City of Orange	4/12/2019	10/11/2026		\$50,000.00	\$50,000.00	Purchase Two Heavy-Duty Near-Zero Emissi	\$0.00	Yes
ML18086	City of Los Angeles Bureau of Street	2/8/2019	4/7/2023		\$300,000.00	\$300,000.00	Install Sixty EV Charging Stations	\$0.00	Yes
ML18097	City of Temple City	11/29/2018	7/28/2022		\$16,000.00	\$12,000.00	Purchase Two Light-Duty ZEVs	\$4,000.00	No
ML18127	City of La Puente	2/1/2019	2/28/2023		\$10,000.00	\$7,113.70	Purchase Light-Duty Zero Emission Vehicle	\$2,886.30	Yes
ML18131	City of Los Angeles, Police Departme	5/3/2019	12/2/2022		\$19,294.00	\$19,294.00	Purchase Three Light-Duty ZEVs	\$0.00	Yes
ML18155	City of Claremont	7/31/2019	9/30/2023		\$50,000.00	\$35,608.86	Install EV Charging Infrastructure	\$14,391.14	No
ML18160	City of Irwindale	3/29/2019	12/28/2022		\$14,263.00	\$14,263.00	Purchase Two Light-Duty ZEVs	\$0.00	Yes
ML18173	City of Manhattan Beach	3/29/2019	2/28/2023		\$49,000.00	\$49,000.00	Purchase Two Light-Duty ZEVs and EV Char	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS18012	City of Hermosa Beach	2/2/2018	2/1/2024		\$36,000.00	\$36,000.00	Construct New Limited-Access CNG Station	\$0.00	Yes
MS18120	City of Redondo Beach	2/1/2019	9/30/2025		\$275,000.00	\$275,000.00	Install New Limited-Access CNG Infrastructu	\$0.00	Yes
MS18123	City Rent A Bin DBA Serv-Wel Dispo	12/14/2018	2/13/2025		\$200,000.00	\$200,000.00	Install New Limited-Access CNG Infrastructu	\$0.00	Yes

Total: 35

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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FY 2018-2021 Contracts

Open Contracts

MS21001	Los Angeles County MTA	8/30/2019	7/29/2020		\$1,148,742.00	\$285,664.87	Implement Special Transit Service to Dodger	\$863,077.13	No
MS21002	Better World Group Advisors	11/1/2019	12/31/2022		\$265,079.00	\$66,506.35	Programmatic Outreach Services	\$198,572.65	No
MS21003	Orange County Transportation Autho	7/8/2020	5/31/2021		\$468,298.00	\$0.00	Provide Express Bus Service to the Orange	\$468,298.00	No

Total: 3

Pending Execution Contracts

MS21004	Los Angeles County MTA				\$2,188,899.00	\$0.00	Clean Fuel Bus Service to Dodger Stadium	\$2,188,899.00	No
MS21005	Southern California Association of G				10,000,000.00	\$0.00	Implement Last Mile Goods Movement Progr	10,000,000.00	No

Total: 2

AGENDA ITEM #3

AB 2766 Discretionary Fund Financial Report

**AB 2766 Discretionary Fund
Financial Report - November 2020**

Available Funding as of November 30, 2020 (a)	\$ 60,016,615
Less Awards by Work Program: (b)	
FY 2014-16	\$ (325,981)
FY 2016-18	(765,901)
FY 2018-21	<u>(2,576,604)</u>
Total Awards by Work Program:	(3,668,486)
Less Balance of FY 2016-18 & FY 2018-21 Work Programs (funding not yet awarded)	<u>(44,235,258)</u>
Sub-total - Surplus/(Deficit)	\$ 12,112,872
Estimated Revenue (d)	<u>11,914,947</u>
Estimated Available for the FY 2018-2021 Work Program (e)	<u>\$ 24,027,819</u>

Notes:

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

FY 2016-18 Work Program	Total	Executed Contracts	Awarded	Balance
Major Event Center Transportation Program - (PA2015-13)	\$ 938,400	\$ 938,400	\$ -	\$ -
SCAG-Regional Active Transportation Program	2,500,000	2,500,000	-	-
MSRC Web-Site Development	60,753	58,753	2,000	-
Programmatic Outreach Coordinator	136,619	136,619		-
Major Event Center Transportation Program - (PA2017-05)	4,167,840	3,912,829	255,011	-
Natural Gas Infrastructure Program	2,945,000	2,945,000	-	-
Local Government Partnership	15,316,355	14,807,465	508,890	-
Technical Advisor - Work Program Portion	262,500	262,500	-	-
Hydrogen Infrastructure Projects	3,000,000	1,000,000	-	2,000,000
EV Charging Infrastructure Investments	254,795	254,795	-	-
SCAG-Future Communities Partnership Program	2,000,000	2,000,000	-	-
CTC Partnership Program	8,000,000	8,000,000	-	-
FY 2016-18 Totals	\$ 39,582,262	\$ 36,816,361	\$ 765,901	\$ 2,000,000

FY 2018-21 Work Program	Total	Executed Contracts	Awarded	Balance
Major Event Center Transportation Program	\$ 6,587,642	\$ 1,148,742	\$ 2,203,642	\$ 3,235,258
MSRC Website Hosting & Maintenance	6,000	6,000	-	-
Natural Gas Infrastructure Program	1,083,180	1,012,772	70,408	-
Programmatic Outreach Coordinator (MS16030 modification)	15,000	-	15,000	-
Programmatic Outreach Coordinator	265,079	250,000	15,079	-
Technical Advisor - Work Program Portion	272,475		272,475	-
Market Acceleration Program	4,000,000			4,000,000
VIP Plus Up Incentive Program	5,000,000			5,000,000
SCAG Last Mile Component of the MSRC Regional Goods Movement Program	10,000,000			10,000,000
Inland Ports Zero and Near-Zero Emission Trucking	14,000,000			14,000,000
Inland Ports Zero and Near-Zero Emission Cargo Handling	6,000,000			6,000,000
FY 2018-21 Totals	\$ 47,229,376	\$ 2,417,514	\$ 2,576,604	\$ 42,235,258

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

AGENDA ITEM #4

Report on MSRC Outreach Activities

Memorandum

To: Mobile Source Air Pollution Reduction Review Committee

From: Ruben Aronin, Senior Vice President
Sam Emmersen, Vice President of Programs
Better World Group

Date: December 9, 2020

Re: Fall 2020 – Quarterly Report on Outreach Activities

Better World Group (BWG) is pleased to provide the MSRC with this report on outreach, communications and policy activities that we have undertaken on behalf of the MSRC during the last three months, as well as an overview of some of the activities we anticipate conducting over the next three months.

Task 2 – Outreach and Promotion of MSRC Work Program Achievements

- September [Clean Air Road Map](#) e-newsletter
 - Profile of Member John Dutrey
 - Profile of Member Tim Shaw
 - Overview of OC Flex pilot program
- November [Clean Air Roadmap](#) e-newsletter
 - Announcement of \$20 million goods movement funding for Inland Empire
 - 30th anniversary MSRC project highlights
 - Profile of Member Meghan Sahli-Wells
- Update the MSRC's [Facebook](#) page with links to news and relevant stories
- 30th anniversary activities
 - Designed logo and letterhead
 - Researched 30 projects for 30 years for e-News and website content
 - Promoted via two press releases to 550+ reporters



Task 3 – Development and Dissemination of Marketing/Promotional Materials

- Develop and disseminate [press release](#) for Inland Empire Ports RFPs
 - Pitched, prepped and facilitated interviews for Chairman McCallon and Ray Gorski, Technical Advisor
 - Outlets covering story included:
 - [“Anti-smog agencies offer \\$20 million for Inland warehouses to dump diesel trucks,”](#) Inland Valley Daily Bulletin, November 12, 2020.
 - [“\\$20M available for Inland Empire goods movement centers to transition to zero and near-zero emission vehicles,”](#) The 4th Revolution, November 11, 2020.
 - Interview with KNX Radio aired on November 13
- Created news items of the month:
 - [The MSRC Pledges to Celebrate California Clean Air Day on October 7, 2020](#)
 - [A New Clean Truck Partnership will Invest \\$10 Million for Goods Movement Transportation in Southern California](#)

Task 4 – Participation in Meetings and Events

- Participate in bi-monthly check-in calls with Cynthia Ravenstein, Contracts Administrator
- Participate in monthly CARB/NGOs call re: state regulatory policy updates
- Participate in monthly Green CA calls re: state legislative and regulatory policies
- Presentation to the MSRC on the 2020-2024 Programmatic Outreach Strategy
- Presentation to the MSRC on exploring ways to maintaining the benefits of electronic public meetings
- Participate in CARB FY 2020-21 Funding Plan for Clean Transportation Incentives workshop

Task 5 – Strategic Market Direction for MSRC Work Programs

- [September](#), [October](#), [November](#) *Clean Transportation Policy Update*

Task Order – Goods Movement Clean Corridors Project

- Participate in weekly check-in calls with Ravenstein and Gorski
- Coordinate with SCAG on “last mile” goods movement project [press release](#) and publicity. Outlets covering story included:
 - [“A new clean truck partnership will invest \\$10 million for goods movement transportation in Southern CA,”](#) American Journal of Transportation, September 17, 2020.
 - [“Grant program launched to promote clean freight vehicles,”](#) Los Angeles Patch, September 17, 2020.
 - [“Clean truck partnership targets last-mile transportation,”](#) DC Velocity, September 19, 2020
- Develop and disseminate promotional email for Inland Empire Ports RFPs. Promotional email was sent to more than 600 contacts

Dec. – Feb. Anticipated Activity Highlights and Opportunities

- Outreach to potential project applicants for Inland Ports RFPs
- Partner with SCAG to announce and promote “Last Mile Goods Movement” RFP
- Continue to promote completed projects the MSRC has invested in
- Explore ability/interest of MSRC TAC and Members to participate in digital campaigns via Facebook and Twitter to grow MSRC social followings
- Track state legislative and regulatory priorities including clean transportation funding initiatives
- Identify opportunities to continue to promote the MSRC’s 30th Anniversary

AGENDA ITEM #5

Contract Modification Request by
City of Bellflower

MSRC Agenda Item No. 5

DATE: December 17, 2020

FROM: Cynthia Ravenstein, MSRC Contracts Administrator

SUBJECT: Three-Month Term Extension by City of Bellflower, Contract #ML12091

SYNOPSIS: The City indicates that COVID-19-related complications have further delayed their progress. They requested a six-month term extension. Due to the short time between the December MSRC meeting and the contract expiration date, in order to minimize the potential of the contract expiring, a three-month term extension was processed administratively. Therefore, a three-month term extension would fulfill the remainder of the City's request, as part of the FY 2011-12 Local Government Match Program.

FINANCIAL IMPACT: None

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

ATTACHMENTS: Contractor's letter requesting modification

DISCUSSION:

Contractor: **City of Bellflower**

Project Title: Install EV Charging Infrastructure

MSRC Funding: \$100,000

Project Term: October 5, 2018 to December 30, 2020 (3-month extension in process)

Current Request: 3-month term extension

Previous Requests: Increase stations from five to eleven, and change location of some stations; substitute five Level II charging stations for two Level III charging stations and extend term to June 30, 2020; change location of one station and six-month term extension; and three-month term extension. ML12091 is a replacement contract for ML12051. Under ML12051: Scope and value reduction and one-year term extension; Substitution of

two fast chargers for eight Level II chargers, reduced contract value, and six-month extension.

Project Description: The City was originally awarded \$270,000 under the MSRC's FY 2011-12 Local Government Match Program to install fifteen Level II electric vehicle charging stations; this was subsequently modified over the course of various actions to \$100,000 for the installation of eleven Level II stations. Ten of the stations have been installed and nothing has been paid to date on this contract.

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

Subsequently, the City indicated that the power supply at their new parking structure would not accommodate the specified Level III charging stations. The City requested to substitute the installation of five Level II charging stations for the two Level III stations, with no change to the contract value. Two of these stations would be installed at the parking structure, and three would be installed at a separate City parking lot. The City further requested that the contract term be extended to June 30, 2020. Next the City indicated that construction costs would be drastically reduced if all charging stations were to be installed at the new parking structure. They also requested to increase the number of stations from five to eleven. The MSRC approved these changes.

In May 2020, the City reported that their contractor was unable to stub out the electrical for one of the eleven stations planned to be installed at the parking structure. The City requested to change the location of one station to the City Hall parking lot. They further requested a six-month extension to secure an installer and complete the work. The MSRC approved these changes.

Contract Request: The City states that COVID-19-related complications have further delayed their progress. They requested a six-month term extension. Due to the short time between the December MSRC meeting and the contract expiration date, in order to minimize the potential of the contract expiring, a three-month term extension was processed administratively. Therefore, a three-month term extension would fulfill the remainder of the City's request.

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

The City of Bellflower

Families. Businesses. Futures.

16600 Civic Center Drive, Bellflower, CA 90706

Tel 562.804.1424 Fax 562.925.8660 www.bellflower.org



November 6, 2020

Leah Alfaro
MSRC Contracts Administrator
21865 Copley Drive
Diamond Bar, CA 91765

Re: Contract #ML12091 EV Charging Infrastructure

Dear Ms. Alfaro:

Please accept this letter as the City of Bellflower's (City's) request to extend the contract for a period of six months to secure an installer and complete the installation of the EV Charging Stations at the Bellflower City Hall Parking lot, located at 16600 Civic Center Drive, Bellflower CA 90706. Should you have any questions regarding this request, please do not hesitate to contact me at 562-804-1424, ext. 2233 or at biniguez@bellflower.org.

Sincerely,

A handwritten signature in blue ink, appearing to read "Bernardo Iniguez". Below the signature, the text "for B.I." is written in blue ink.

Bernardo Iniguez
Public Works Manager

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

AGENDA ITEM #6

Contract Modification Request by
City of San Fernando

MSRC Agenda Item No. 6

DATE: December 17, 2020

FROM: Cynthia Ravenstein, MSRC Contracts Administrator

SUBJECT: One-Year Term Extension by City of San Fernando, Contract #ML16075

SYNOPSIS: The City requests a one-year term extension due to longer than expected time for U.S. Army Corps of Engineers' permit approval, as part of the FYs 2014-16 Local Government Match Program.

FINANCIAL IMPACT: None

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

ATTACHMENTS: Contractor's letter requesting modification

DISCUSSION:

Contractor: **City of San Fernando**

Project Title: Install Class I Bikeway

MSRC Funding: \$354,000

Project Term: October 27, 2016 to February 26, 2020

Current Request: One-year term extension

Previous Requests: One-year term extension; one-year term extension

Project Description: The MSRC awarded the City \$354,000 to install the 1.6 mile Class I Pacoima Wash Bikeway project. No construction has been completed and nothing has been paid to date.

Previous Requests: In November 2018, the City indicated that the need to obtain Army Corps of Engineers' approval for a segment of the work was delaying the project. The City requested a one-year contract term extension. This modification was processed administratively.

In October 2019, the City indicated that they were still waiting for the Army Corps of Engineers' approval. The City requested a one-year contract term extension. The MSRC approved the request at their November 2019 meeting.

Contract Request: The City attests that they are still waiting for Army Corps of Engineers' approval before they can submit their design packet to Caltrans. They have no control over this permit process nor any leverage to expedite it. The City requests an additional one-year term extension.

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

THE CITY OF SAN FERNANDO

CITY COUNCIL

MAYOR
JOEL FAJARDO

VICE MAYOR
HECTOR A. PACHECO

COUNCILMEMBER
SYLVIA BALLIN

COUNCILMEMBER
ROBERT C. GONZALES

COUNCILMEMBER
MARY MENDOZA

December 2, 2020

Leah Alfaro
South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765

SUBJECT: Project Extension Request

Ms. Alfaro:

The City of San Fernando is requesting a project extension, through February 26, 2022, for MSRC Contract #ML16075B; Installation of a Class 1 Bikeway. As of the date of this letter, the City continues to wait for the U.S. Army Corp of Engineers' approval of a permit for construction on a particular section with the project area.

Per contract #ML16075B, the City of San Fernando has a project deliverable date of February 26, 2021. This date will not be met due to the following reason:

- The design packet that the City must submit to Caltrans for approval to move forward with bikeway construction has been ready for submission since July 2018. But, the City has had to hold off on submitting packet until the U.S. Army Corp of Engineers approve a permit allowing for construction on a specific section within the project area. Once the permit is approved, the City will then submit the design packet to Caltrans for approval leading to obtaining an authorization to proceed with project construction. Unfortunately, the City has no control over this permit process nor has any leverage to ask U.S. Army Corp of Engineers to expedite the process.

Based on the circumstance described above, the City of San Fernando respectfully requests a project extension for the installation of a Class 1 Bikeway through February 26, 2022.

Sincerely,



Kenneth Jones, MPA
Public Works Management Analyst

PUBLIC WORKS
DEPARTMENT

117 MACNEIL STREET
SAN FERNANDO
CALIFORNIA
91340

(818) 898-1222

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AGENDA ITEM #7

Contract Modification Request by
City of Redondo Beach

MSRC Agenda Item No. 7

DATE: December 17, 2020

FROM: Cynthia Ravenstein, MSRC Contracts Administrator

SUBJECT: One-Year Term Extension by City of Redondo Beach, Contract #ML18098

SYNOPSIS: The City requests a one-year term extension due to delays associated with COVID-19, as part of the FYs 2016-18 Local Government Partnership Program.

FINANCIAL IMPACT: None

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

ATTACHMENTS: Contractor's letter requesting modification

DISCUSSION:

Contractor: City of Redondo Beach

Project Title: Install EV Charging Infrastructure

MSRC Funding: \$89,400

Project Term: February 1, 2019 to March 31, 2024

Current Request: One-year extension

Previous Requests: One-year extension

Project Description: The City was originally awarded \$270,000 under the MSRC's FY 2011-12 Local Government Match Program to install fifteen Level II electric vehicle charging stations; this was subsequently modified over the course of various actions to \$100,000 for the installation of eleven Level II stations. Ten of the stations have been installed and nothing has been paid to date on this contract.

Previous Requests: The City indicated that a change in their desired contracting method delayed their progress. They requested a one-year contract term extension, which was processed administratively.

Contract Request: The City states that COVID-19-related complications have further delayed their progress. They request a one-year term extension.

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



Public Works Department

531 North Gertruda Avenue
Redondo Beach, California 90277
www.redondo.org

Telephone 310 318-0686
Fax 310 374-4718

Mobile Source Air Pollution Reduction Review Committee
AB 2766/MSRC Local Government Partnership Program Contract
Contract No. ML18098
21865 Copley Drive
Diamond Bar, California 91765

November 2, 2020

Dear Cynthia Ravenstein,

The City of Redondo Beach is requesting a subsequent one-year extension to contract no. ML 18098. The City was granted an extension last year but unfortunately due to COVID-19 there were delays in the City's ability to move forward with the project at the time. This ended up causing a delay in the timeframe of the project. The City has hired an outside electrical engineering consultant and is working on finalizing the plans and specifications for the project. The bid packet will be advertised within the next couple of months. The extension would be helpful in the event that the installation is not completed by March 2021.

Thank you.

Sincerely,

Ted Semaan
Public Works Director
City of Redondo Beach

AGENDA ITEM #8

Contract Modification Request by
Southern California Association of Governments

MSRC Agenda Item No. 8

DATE: December 17, 2020

FROM: Cynthia Ravenstein, MSRC Contracts Administrator

SUBJECT: Modified Project List and Payment Schedule and One-Year Term Extension by Southern California Association of Governments (SCAG), Contract #MS18015

SYNOPSIS: SCAG requests to modify the project with the City of Monrovia, substituting a pilot program to encourage bicycle transit for a program to support shared-ride transportation network company trips. SCAG also requests modifications to the Payment Schedule. SCAG further requests a one-year contract term extension due to various delays associated with the COVID-19 pandemic, as part of the FYs 2016-18 Future Communities Partnership 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: Future Communities Partnership Program

MSRC Funding: \$2,000,000

Project Term: July 13, 2018 to August 31, 2021

Current Request: Modify one project, modify payment schedule, and one-year term extension

Previous Requests: Six-month term extension; reallocation of costs between tasks

Project Description: The MSRC awarded SCAG \$2,000,000 to partner on their broad-based regional program to support city and county agencies in implementing pilot projects that reduce vehicle miles traveled (VMT) from local travel and municipal operations through the use of new technologies and enhanced data analytics. Contract #MS18015 was executed to effectuate the award, and the MSRC approved the specific list of projects in April 2019. Nothing has been paid to date on this contract.

Previous Requests: SCAG was able to accomplish Task I (Research Promising Practices) and Task II (Selection of Specific Project Elements) at lower costs than anticipated. SCAG requested to reallocate \$50,000 from Task I, \$40,000 from Task II, and \$10,000 from Task IV (Reporting) to Task III (Implementation). At their April 2019 meeting, the MSRC considered and approved these reallocations. Subsequently, in September 2019 SCAG indicated that the initial administrative processes for some communities had taken longer than anticipated. SCAG requested a contract term extension to August 31, 2021 to allow time for appropriate data collection and to align deadlines with their other funding source. This modification was processed administratively.

Contract Request as Initially Considered at November 5, 2020 MSRC-TAC Meeting: SCAG indicated that the COVID-19 pandemic has significantly delayed implementation of most projects in this program. Tremendous declines in ridership, transit operations, and mobility options have major implications for program success. SCAG requested a one-year term extension to allow partnering agencies the flexibility to compensate for lost time and determine if additional modifications may be necessary to complete project work.

In particular, the City of Monrovia had been compelled to develop a new scope of work for their project, which is slated to be reimbursed \$300,000 in AB 2766 Discretionary Funding through Contract #MS18015. Lyft, the mobility provider for GoMonrovia, has indefinitely suspended shared rides, which were the subject of the original pilot. The proposed new Monrovia pilot aims to increase bicycling within the City, including incentivizing e-cargo bike delivery to offset VMT increases from rising delivery services. SCAG requested approval of the revised project list, substituting the proposed bike share and bike delivery incentive program for the shared ride program in Monrovia.

At the November 5, 2020 meeting, the MSRC-TAC raised some specific questions relative to the proposed new Monrovia pilot project. In particular, because the Project Elements had been selected via a solicitation process, the MSRC-TAC wished to know whether there had been any projects submitted but not funded in the initial selection. The MSRC-TAC also asked if an assessment had been conducted as to whether the proposed Monrovia pilot project met the criteria originally set for the program. Because answers were not immediately available, and the contract was not in immediate danger of expiration, the MSRC-TAC tabled consideration of the modification request.

Responses to MSRC-TAC Questions and Updated Contract Request

SCAG indicates that the original program application evaluated proposals based on criteria regarding VMT approach/methodology, project goals/outcomes, technology/innovation, data analytics, and general project management. The SCAG team feels that the proposed new Monrovia concept satisfies those requirements.

The provisions of the MSRC's Future Communities Program award required that the MSRC's funding contribution be split equally amongst projects in jurisdictions in Los Angeles, Orange, Riverside and San Bernardino Counties. All four applications received from within Los Angeles County, of which Monrovia was one, were funded in the original selection process. Thus, no other application exists that was rejected in favor of approving Monrovia's original project intent.

Subsequent to the November MSRC-TAC meeting, SCAG has added a further element to their earlier modification request. They now also request modifications to the Payment Schedule as a result of certain funding sources expiring. This would result in a somewhat lower amount of co-funding coming from SCAG, but a greater amount of co-funding from the City and County partners, with a net increase in total co-funding from \$2,000,000 to \$2,085,000. There would be no change in the MSRC's contribution.

Recommendations from December 10, 2020 MSRC-TAC Meeting: The MSRC-TAC considered the updated request and recommends approval.



SOUTHERN CALIFORNIA
ASSOCIATION OF GOVERNMENTS
900 Wilshire Blvd., Ste. 1700
Los Angeles, CA 90017
T: (213) 236-1800
www.scag.ca.gov

December 1, 2020

Ms. Cynthia Ravenstein
MSRC Contracts Administrator
South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765-4178

Subject: Contract Timeline Extension for No. MS18015B

Dear Ms. Ravenstein:

The Southern California Association of Governments (SCAG) and the Future Communities Partnership Program (FCPP) would like to officially request a contract extension for Contract No. MS18015B, a new scope change approval for the City of Monrovia, and a small revision to the existing MSRC contract, triggered by the other two project changes.

We are requesting a twelve-month extension to amend the contract timeline, which was originally planned for termination effective August 31, 2021 with the Final Report completed no later than June 30, 2021. The FCPP project team is proposing a new termination date effective August 31, 2022, with the Final Report completed no later than June 30, 2022. The COVID-19 pandemic has caused unavoidable disruptions that are impacting FCPP implementation efforts, and most projects are significantly delayed. As residents largely remain home, the tremendous decline in ridership, transit operations, and mobility options have drastic implications for the success of the Pilot Program. Given these continuous delays, the project team is requesting the 12-month extension.

SCAG is also requesting formal approval on a scope change to the City of Monrovia pilot. While the other pilots can continue with their project scopes despite significant delays, Monrovia was forced to develop an entirely new scope of work. Lyft, the mobility provider for GoMonrovia, has indefinitely suspended shared rides, which were the subject of the original pilot. The new Monrovia pilot aims to increase bicycling within the City, incentivizing e-cargo bike delivery to offset VMT increases from rising delivery services. The SCAG team believes this new concept meets the original program requirements, as Monrovia has identified a clear VMT source, an innovative solution to reduce VMT and emissions, and an effective methodology to support the project. The original program application evaluated proposals based on criteria regarding VMT approach/methodology, project goals/outcomes, technology/innovation, data analytics, and general project management, and the SCAG team feels that the new proposed concept satisfies those requirements. From an administrative standpoint, the original competitive selection process administered by SCAG for this grant program financed four pilots in the LA County area, including Monrovia, LADOT, Glendale, and Cerritos. There were

REGIONAL COUNCIL OFFICERS

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Human Development
Jorge Marquez, Covina

Energy & Environment
David Pollock, Moorpark

Transportation
Cheryl Viegas-Walker, El Centro

only four applications received from LA County, so no other application exists that was rejected in favor of approving Monrovia's original project intent.

Additionally, given some timing constraints and long-term changes in the grant program, the program has shifted some funding around (also seen on the Attachment 1 Project List document). There is a sizeable increase in co-funding for the City of Cerritos, with a decrease in co-funding for the City of Monrovia pilot. Given the many delays for the Monrovia pilot, there was a portion of funding set to expire and will instead be replaced with additional SCAG ("Contractor") co-funding as well as City of Cerritos ("City") co-funding to offset the change.

These three changes, if approved, will greatly benefit the overall program and allow partnering agencies the flexibility to compensate for lost time. It will strengthen our data collection capabilities and provide adequate time to determine additional modifications necessary to complete project work. Furthermore, it will align the Program with the next SCAG fiscal year, to better parallel co-funding timelines.

We thank you for your continued patience and support on the Future Communities Partnership Program as well as other SCAG initiatives. Any questions or concerns related to this request may be directed to Marisa Laderach, FCPP Project Manager, at 213-236-1927 or laderach@scag.ca.gov.

Sincerely,



Erika Bustamante

Manager, Budget & Grants Department

**ATTACHMENT 1
PROJECT LIST
SOUTHERN CALIFORNIA ASSOCIATION OF GOVERNMENTS
CONTRACT NUMBER MS18015**

Co.	Agency Name	Project Name	Description	AB 2766 Discretionary Funds	CONTRACTOR Co-Funding	Cities and Counties Co-Funding	Total Project Cost
LA	City of Cerritos	Remote Services Enhancement Project	Online software that automates community development-related permits and business license applications removing need for clients to travel and appear in person.	\$ 31,000	\$ 180,000	\$ 219,000	\$ 730,000
					\$ 150,000	\$ 150,000	
LA	City of Glendale	Route Optimization & Fleet Telematics	Software that optimizes refuse and street sweeping routes and scheduling.	\$ 76,813		\$ 27,336	\$ 104,149
LA	City of Los Angeles Department of Transportation	Measuring VMT Reduction from Shared Mobility Services through Real-Time Data	Expansion of Mobility Data Specification to include car share data. Conduct research with data to support deployment of targeted low VMT subsidy.	\$ 326,779	\$ 173,221	\$ 170,750	\$ 655,750
					\$ (15,000)		
LA	City of Monrovia	Evaluate Alternative Strategies to Optimize the GoMonrovia Program	Research and implement bike share program for delivery drivers, residents, and employees in Monrovia, and deploy incentive programs for e-cargo delivery bike services.	\$ 300,000	\$ 200,000	\$ 170,000	\$ 386,000
					\$ (200,000)	\$ (84,000)	
OR	City of Anaheim	Smart Center City - Parking Guidance and Mobile App Integration	Integrate real-time parking guidance for Center City Anaheim with ATN's transit planning and ride hailing mobile application (app).	\$ 197,100	\$ -	\$ 65,700	\$ 262,800
RV	City of Riverside	Integrated Electronic Plans Solution	Online software that automates community development-related permits and applications reducing the need to travel for clients.	\$ 499,700	\$ -	\$ 166,600	\$ 666,300
SB	County of San Bernardino	Remote Electronic Warrants	Develop a user-focused software program that allows officers and judges to remotely submit, review, sign and store warrants reducing the need to travel for court approval.	\$ 150,408	\$ 146,834	\$ 99,090	\$ 396,332
SB	City of Ontario	Smart City Rapid Validation Hub	Three mini pilot projects utilizing a smart city and rapid validation hub in historical downtown. Efforts include: 1) intelligent collection of commercial refuse pilot; 2) an integrated sensor network; 3) final mile mobility and incentives pilot.	\$ 418,200	\$ -	\$ 183,000	\$ 601,200
				\$ 2,000,000	\$ 635,055	\$ 1,167,476	\$ 3,802,531

AGENDA ITEM #9

Contract Replacement Request by
City of Rancho Mirage

MSRC Agenda Item No. 9

DATE: December 17, 2020

FROM: Cynthia Ravenstein

SUBJECT: Authorize Issuance of New Contract to Complete Work Initiated by City of Rancho Mirage under Contract #ML18133

SYNOPSIS: The MSRC awarded the City of Rancho Mirage \$50,000 to improve the flow of traffic along major arterials within the Cities of Rancho Mirage and Palm Desert. Impacts associated with COVID-19 temporarily shut down some manufacturing plants and delayed their response times, which delayed completion of this project. The City requests a six-month contract replacement to complete the scope of work on this project.

FINANCIAL IMPACT: Nothing has been paid to date under #ML18133. \$50,000 remains committed towards the signal synchronization, 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

DISCUSSION: The MSRC originally awarded the City \$50,000 under the MSRC's FYs 2016-18 Local Government Partnership Program towards signal coordination/timing improvements, controller cabinet upgrades, and the installation of pedestrian countdown signal heads at a total of 40 intersections. The majority of the work is complete; nothing has been paid to date on this contract.

In October 2020, the City requested a six-month term extension to allow time for their construction contractor to complete final integration and address any remaining issues. The extension was not able to be completed before the contract lapsed on November 6, 2020.

South Coast AQMD recommends that a new six-month 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 \$50,000.

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



November 9, 2020

Mr. Matt MacKenzie
MSRC Contracts Administration
South Coast Air Quality Management District
21865 Copley Dr.
Diamond Bar, CA 91765-4178

Subject: Request for Replacement Contract

Dear Mr. MacKenzie:

It has been brought to my attention that MSRC Contract No. ML18133 expired before it could be renewed, per the City's request for renewal submitted on October 12, 2020. The City of Rancho Mirage wishes to request a replacement contract in the amount of \$50,000.

We are close to wrapping up construction on our Traffic Signal Synchronization project and a replacement contract will allow us sufficient time to complete the project and prepare the invoice and final report. The City has been actively involved in the project throughout the contract's duration and the project's scope requires final integration and fine-tuning of any outstanding items prior to close-out. Impacts caused by the COVID-19 pandemic have temporarily shut down manufacturing plants and delayed their response times, which has resulted in unanticipated delays with this project.

If you have any questions, please contact me by phone at (760) 770-3224 or by email at jessee@RanchoMirageCA.gov.

Sincerely,

Jesse Eckenroth
Public Works Director

ADMINISTRATION	DEVELOPMENT SERVICES	FINANCE	HOUSING	PUBLIC LIBRARY	PUBLIC WORKS
Tel. 1.760.324.4511	Tel. 1.760.328.2266	Tel. 1.760.770.3207	Tel. 1.760.770.3210	Tel. 1.760.341.7323	Tel. 1.760.770.3224
Fax. 1.760.324.8830	Fax. 1.760.324.9851	Fax. 1.760.324.0528	Fax. 1.760.324.1617	Fax. 1.760.341.5213	Fax. 1.760.770.3261

69-825 HIGHWAY 111 / RANCHO MIRAGE, CA 92270



AGENDA ITEM #10

Contract Replacement Request by
Omnitrans

MSRC Agenda Item No. 10

DATE: December 17, 2020

FROM: Cynthia Ravenstein

SUBJECT: Authorize Issuance of New Contract to Complete Work Initiated by Omnitrans under Contract #MS18026

SYNOPSIS: The MSRC awarded Omnitrans \$83,000 to modify their maintenance facility and train technicians. Impacts of staffing allocations associated with COVID-19 delayed completion of this project. Omnitrans requests a twelve-month contract replacement to complete the scope of work on this project.

FINANCIAL IMPACT: Nothing has been paid to date under #MS18026. \$83,000 remains committed towards the maintenance facility modifications and training, 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

DISCUSSION: The MSRC originally awarded Omnitrans \$83,000 under the MSRC's FYs 2016-18 Natural Gas Infrastructure Program towards maintenance facility modifications to accommodate the maintenance of gaseous-fueled vehicles, as well as training employees related to natural gas-fueled engines. Nothing has been paid to date on this contract.

Given the absence due to illness of key Omnitrans staff, the contract lapsed on January 4, 2020. Omnitrans has requested a twelve-month replacement contract to allow them to complete the work.

South Coast AQMD recommends that a new twelve-month contract be executed to complete the project, should the MSRC wish to grant Omnitrans' request. Nothing has been paid to date on the previous contract, so the new contract value would be \$83,000.

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



1700 W. Fifth St.
San Bernardino, CA 92411
909-379-7100
www.omnitrans.org

This needs to be done by the end of today

October 29, 2020

Mr. Matthew Mackenzie
MSRC/AB2766
21865 Copley Drive
Diamond Bar, CA 91765

Dear Mr. Mackenzie:

Omnitrans would like to ask to extend Contract MS 18026 – Methane Detection I Street Facility.

This project has been delayed due to revisions in the modifications undertaken at the I street facility and the impacts of staffing allocations due to COVID 19 We have settled on a final design and project implementation will start in the near future. The revised timeline is below:

- Pre-bid mtg = 9/29/2020
- Bid closing = 10/27/2020
- Board of Directors award = 12/02/2020
- Tentative contract start date = 1/11/2021
- Project Completion = 7/30/2021
- Contract Closure = 9/30/2021

Please let me know of any process we will need to undertake to extend this contract. We thank MSRC for all funds provided and look forward to a continued relationship on future projects.

Maurice A. Mansion
Treasury Manager
Omnitrans

AGENDA ITEM #11

Consider Selection of New MSRC Website Host

MSRC Agenda Item No. 11

DATE: December 17, 2020

FROM: Ray Gorski, MSRC Technical Advisor, on behalf of Website Evaluation Subcommittee

SUBJECT: Consider Selection of Firm to Host and Maintain MSRC Website

SYNOPSIS: In August 2020, the MSRC authorized the release of RFP #P2021-04, seeking a contractor for the ongoing hosting and maintenance of the MSRC website. The solicitation period commenced on September 4, 2020 and closed on October 9, 2020. A total of three proposals were received. The MSRC-TAC Website Evaluation Subcommittee has reviewed, scored and ranked each proposal submitted.

FINANCIAL IMPACT: Funding for the ongoing hosting and maintenance of the MSRC website will be an element of the MSRC's FYs 2018-21 Work Program. In order to seek bidders' honest estimates of the cost to fulfill the MSRC's requirements, a budget was not established in advance.

RECOMMENDATIONS: The MSRC-TAC recommends the award of a contract to Geographics. Geographics' proposed cost for hosting and basic maintenance for a two-year period is \$8,952. An additional \$4,000 would cover domain registrations, email forwarding service, and minor modifications. Thus, the MSRC-TAC recommends an award not to exceed \$12,952.

DISCUSSION:

In May 2020, the MSRC-TAC Administrative Subcommittee assessed the features, functionality and performance of the current MSRC website and did not recommend a major redesign. Instead, they recommended the development of an RFP for ongoing hosting and maintenance of the website. The MSRC approved this course of action.

In August 2020, the MSRC authorized the release of RFP #P2021-04, seeking a contractor for the hosting and maintenance of the current website. In order to seek bidders' honest estimates of the cost to fulfill the MSRC's requirements, a budget was not established in advance. The solicitation period commenced on September 4, 2020 and closed on October 9, 2020. The RFP

established the following evaluation criteria, with 110 points being the maximum score available:

1. Proposal Completeness – 10 points: Completeness, accuracy and responsiveness to the RFP.
2. Qualifications, Staffing and References – 30 points: Extent of experience in the design, development, activation, hosting and maintenance of websites of similar scope to the MSRC’s project. Staff qualifications and bidder website references reviewed as part of evaluation process.
3. Statement of Work – 35 points: Demonstrated understanding of the project and technical merits of the Bidder, based upon the level of completeness and specificity of the proposed concepts.
4. Cost Proposal – 25 points: Competitiveness, completeness, documentation quality, accuracy, and substantiation of the information provided. Costs will be assessed to determine if they are reasonable and appropriately allocated among tasks.
5. Disabled Veteran Business Enterprise/Local Business/Small Business Status – 10 points: The Evaluation Subcommittee will assign five points for each of these criteria which is met, but with the maximum points available being ten. Points will only be awarded should the Proposal provide documents from a state or local agency certifying that it qualifies in that category.

Three proposals were received prior to the deadline. The ad hoc MSRC-TAC Website Evaluation Subcommittee reviewed the proposals and evaluated them with respect to the established criteria. The Subcommittee finalized the scores and ranked the proposals as follows:

Table 1: Results of the Website Proposal Ranking Process

Proposer Name	Final Score	Final Rank
Geographics	99.25	1
Planeteria	84.5	2
CyFuture	62.75	3

The Website Evaluation Subcommittee recommends the award of a contract to Geographics. Geographics’ proposed cost for hosting and basic maintenance for a two-year period is \$8,952. An additional \$4,000 would cover domain registrations, email forwarding service, and minor modifications, via an “on call” reserve. A reserve would reduce the administrative burden of multiple contract modifications and allow minor upgrades to be implemented much more quickly. More significant changes in scope and cost would be brought back to the MSRC for authorization.

The contract would also specify an additional two-year option period, at a cost not to exceed \$9,840. This amount includes funding for regular hosting and maintenance. Rather than

commit funding for the option years now, the MSRC and South Coast AQMD Board would be asked to consider funding at the time the option is considered.

Geographics demonstrated a good understanding of, as well as enthusiasm for, the MSRC's mission as well as this specific project. Their team would bring substantial public agency-related experience, both recent and relevant, to the work. Geographics offers a local presence, their staff qualifications are high, and sites they have developed have won numerous awards. The proposal provided a detailed work plan with their hours distributed well over the tasks. In terms of cost, their proposal was very competitive with that of the lowest bidder.

Recommendations: The MSRC-TAC considered the recommendations of the Website Evaluation Subcommittee and recommends approval of an award to Geographics in an amount not to exceed \$12,952.

Next Steps: Following review and approval by the MSRC, the funding award would be forwarded to the South Coast AQMD Governing Board for final consideration at their January 2021 meeting.

AGENDA ITEM #12

Consider Proposed Partnership with SCAQMD and Regional Partners
on a Large-Scale Zero Emission Demonstration

MSRC Agenda Item No. 12

DATE: December 17, 2020

FROM: Ray Gorski, MSRC Technical Advisor

SUBJECT: Consider Allocation of MSRC **Clean Transportation Funding™** to Support SCAQMD-Led Zero-Emission Truck Fleet Demonstration Proposal and, Upon Award, the Demonstration of 100 Heavy-Duty Zero Emission Trucks and Supporting Infrastructure.

SYNOPSIS: The South Coast AQMD is leading a proposal effort on behalf of the Regional Zero & Near Zero Emission Truck Collaborative. The proposal seeks on the order of \$28M under the joint California Air Resources Board/California Energy Commission “Zero-Emission Drayage Truck and Infrastructure Pilot Project”. The proposed SCAQMD-led project will deploy one hundred (100) zero-emission heavy-duty trucks and electric vehicle charging infrastructure, and demonstrate zero-emission goods movement between the San Pedro Bay Ports and destinations in Los Angeles County and the Inland Empire. The total project value is approximately **\$80M**, of which **\$8M** is requested from the MSRC.

FINANCIAL IMPACT: Funding to support the SCAQMD-led project will be an element of the MSRC’s FYs 2018-21 Work Program.

RECOMMENDATIONS: The MSRC-TAC received an Overview presentation and funding request from the SCAQMD at their December 10, 2020 meeting. The MSRC-TAC recommends that the MSRC allocate (commit) \$8M towards the SCAQMD-led proposal and, upon successful award of project funding from the ARB/CEC, appropriate said \$8M to the SCAQMD as co-funding towards project implementation. In the event the SCAQMD-led proposal effort does not result in a funding award from the ARB/CEC, the committed funding would revert to the unallocated MSRC **Clean Transportation Funding™** balance.

DISCUSSION: The California Air Resources Board (ARB) and California Energy Commission (CEC) have jointly released a Request for Proposals (RFP) seeking qualified bidders to submit projects that demonstrate large-scale deployments of zero-emission drayage trucks and associated infrastructure. The ARB/CEC “Zero-Emission Drayage Truck and Infrastructure Pilot Project” RFP has a total of \$44.1M available.

The South Coast AQMD, on behalf of the Regional Zero & Near Zero Emission Truck Collaborative, is preparing a proposal seeking approximately \$28M in ARB/CEC funding. The SCAQMD and its project partners, including the Ports of Long Beach and Los Angeles, Los Angeles Metro, Southern California Edison, and demonstration fleets trucking companies NFI and Schneider, are committing on the order of \$44.6M in co-funding towards the proposal effort and subsequent demonstration of one hundred (100) heavy-duty zero-emission trucks and supporting electric vehicle charging infrastructure. *The total value of the SCAQMD-led project is greater than \$80M.*

The number of vehicles to be deployed by each demonstration partner, truck OEM manufacturer, duty cycle, and deployment timeframe is shown below in Table 1:

Table 1: Overview of the Deployment of 100 Zero-Emission Class 8 Heavy-Duty Trucks

	NFI	Schneider
Duty Cycle	Drayage	Drayage & Regional Haul
Number of Trucks	50	50
Number of Chargers	35	20
Truck Deployment Timeline	Q4 2022 – Q2 2023	Q2 2022 – Q2 2023
Fleet Location	Ontario	El Monte
OEM Partners*	Volvo & Daimler	Daimler

The South Coast AQMD is requesting MSRC participation in the Regional Zero & Near Zero Emission Truck Collaborative proposal and subsequent zero-emission truck and infrastructure demonstration project. The SCAQMD is requesting that the MSRC contribute \$8M in Clean Transportation Funding™, which would equal approximately 10% of the total project cost. The South Coast AQMD will, at a minimum, match the MSRC contribution. The largest co-funding contributions will be made by the demonstration trucking fleet partners NFI and Schneider at 13% and 14%, respectively. In addition, Southern California Edison is committing \$9M, or 11% of the total project cost. The San Pedro Bay Ports and Los Angeles Metro are also expected to make co-funding contributions on the order of 8% of the total project cost. This cost sharing is shown below in Table 2:

Table 2: State Agency Funding Requests & Co-Funding Contributions from Regional Collaborative Stakeholders

	AMOUNT	PERCENT
CARB	\$15,075,000	18%
CEC	\$13,073,500	16%
NFI	\$10,386,000	13%
Schneider	\$11,361,500	14%
SCE	\$9,000,000	11%
POLA*	\$1,500,000	2%
POLB*	\$1,500,000	2%
South Coast AQMD*	\$8,000,000	10%
Los Angeles Metro*	\$2,875,000	4%
MSRC*(Requested)	\$8,000,000	10%
Project Total	\$80,771,000	100%

* Funding commitment pending Board approval

In addition to the large-scale deployment and demonstration of zero-emission class 8 trucks and electric vehicle charging infrastructure, the SCAQMD-led project will promote workforce training and development, engage communities through substantial outreach, and conduct data collection and analysis. To assist in these areas, the Regional Collaborative team includes the following stakeholders with their respective project roles and responsibilities:

- Gladstein, Neandross, & Associates (GNA): Assist South Coast AQMD On Outreach, Support And Coordination;
- Electric Power Research Institute (EPRI): Charger Utilization, Utility Coordination;
- Ricardo: Data Collection On Trucks, Fleet Analysis;
- LACI: Workforce Development;
- Coalition for Clean Air: Conduct Outreach To Disadvantaged Communities;
- Rio Hondo & San Bernardino Valley College: Zero-Emission Vehicle Education & Training;
- CALSTART: Data Collection for Infrastructure, Grid Impact Analysis.

MSRC-TAC Recommendation: The MSRC-TAC received an Overview presentation and funding request from the SCAQMD at their December 10, 2020 meeting. The MSRC-TAC recommends

that the MSRC allocate (commit) \$8M towards the SCAQMD-led proposal and, upon successful award of project funding from the ARB/CEC, appropriate said \$8M to the SCAQMD as co-funding towards project implementation. In the event the SCAQMD-led proposal effort does not result in a funding award from the ARB/CEC, the committed funding would revert to the unallocated MSRC **Clean Transportation Funding™** balance.

Next Steps: If approved by the MSRC, the funding recommendation will be forwarded to the South Coast AQMD Governing Board for review and approval at their January 8, 2021 meeting.

AGENDA ITEM #13

2020-2021 Clean Fuels/Clean Technologies
Conference Calendar

Clean Fuels and Clean Technologies Conference Calendar for 2021 - 2022

January 2021

- Jan 21-29 Transportation Research Board 100th Annual Virtual Meeting (**A series of virtual events Jan 21-22 and Jan 25-29**) Website: <http://www.trb.org/AnnualMeeting/AnnualMeeting.aspx>

February 2021

- Feb 16-18 SAE Hybrid & Electric Vehicle Technologies Symposium, Pasadena, CA. **Cancelled. SAE International is transforming all their events into a portfolio of immersive digital experiences.** Website: <https://www.sae.org/attend/hybrid>

March 2021

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

April 2021

- April 6-7 Electric Vehicles Battery Tech USA, Long Beach, CA., Website: <https://www.usa.battery-technology-conference.com/>

May 2021

- May 3-6 Electrification 2021-Enabling Efficient & Sustainable Solutions, Charlotte, NC., Website: <https://www.wraltechwire.com/event/electrification-2021/>
- May 3-6 Advanced Clean Transportation Conference, Long Beach, CA., Website: <https://web.cvent.com/event/23e400f3-226f-4cb5-81fa-e6c9b54e6132/summary>
- May 6-7 Sustainability Leadership Conference in Energy, Houston, TX., Website: <https://web.cvent.com/event/3593e42e-5121-4a2d-9a56-271ed8069e0c/summary>

May 11-13 Air & Waste Management – Air Quality Measurement Methods & Technology Conference, San Diego, CA., Website: https://www.awma.org/ev_calendar_day.asp?date=5/11/2021&eventid=146

May 24-26 Green Transportation Summit & Expo, Tacoma, WA., Website: <http://www.gtsummitexpo.socialenterprises.net/>

August 2021

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

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

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

September 2021

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

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

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

Sept 20-23 Hydrogen + Fuel Cell International, New Orleans, LA., Website: <https://www.solarpowerinternational.com/hydrogen/>

Sept 25-Oct 3 National Drive Electric Week – Various Locations, Website: <https://driveelectricweek.org/>

October 2021

Oct 2-10 North American International Auto Show, (Pre-show dates: Sept 24-30) Detroit, MI., Website: <https://naias.com/>

Oct 6 California Clean Air Day, Website: www.cleanairday.org

November 2021

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

May 2022

May 11-13 **Air Sensors International Conference, Pasadena, CA., Website:**
<https://asic.aqrc.ucdavis.edu/>

May 17-19 **Center for Advancing Research in Transportation Emissions, Energy & Health (CARTEEH) Transportation Air Quality and Health Symposium, Riverside, CA., Website:** <https://events.tti.tamu.edu/conference/2021-carteeh-symposium/>

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

Last updated 12/4/2021 (**Items in bold were recently added**).