



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

**AGENDA**

**Thursday, August 5, 2021 at 1:30 p.m.**

Pursuant to Governor Newsom's Executive Orders N-25-20 (March 12, 2020) and N-29-20 (March 17, 2020), the MSRC-TAC 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**

**[Join Zoom Webinar Meeting - from PC or Laptop](https://scagmd.zoom.us/j/91592357379)**  
**<https://scagmd.zoom.us/j/91592357379>**

**Zoom Webinar ID: 915 9235 7379** (applies to all)

**Teleconference Dial In**

**+1 669 900 6833**

**One Tap Mobile**

**+16699006833, 915 9235 7379#**

**Audience will be allowed to provide public comment through telephone or Zoom connection during public comment periods**

**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.*

**Committee Members**

**MSRC-TAC Chair**

Jenny Chan  
Alternate: Lorelle Moe-Luna  
Representing Riverside County Transportation Commission

**MSRC-TAC Vice-Chair**

Steven Lee  
Alternate: David Lor  
Representing Los Angeles County MTA

**MSRC-TAC Members**

Steve Hillman  
Representing City of Los Angeles

Adriann Cardoso  
Alternate: Cliff Thorne  
Representing Orange County Transportation Authority

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

Jason Farin  
Representing Riverside County Board of Supervisors

Derek Winters, Jr.  
Representing California Air Resources Board

Kelly Lynn  
Representing San Bernardino County Transportation Authority

Vicki White  
Alternate: Ash Nikravan  
Representing South Coast AQMD

Rick Yee  
Alternate: Susan Kim  
Representing Cities of Orange County

Vacant  
Representing Cities of Los Angeles County

Denis Bilodeau  
Representing Orange County Board of Supervisors

Dan York  
Representing Cities of Riverside County

Vacant  
Alternate: Ron Lindsey  
Representing San Bernardino County Board of Supervisors

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

Vacant  
Mechanical Expert

Sean O'Connor  
Representing Cities of San Bernardino County

Tim Olson  
Air Pollution Control Expert

Nicole Soto  
Alternate: Nancy Strickert  
Representing Regional Rideshare Agency

**CALL TO ORDER**

Opening Comments: Jenny Chan, MSRC-TAC Chair  
Other MSRC-TAC Members

**CONSENT CALENDAR (Items 1 through 5)**

**Receive and Approve**

- |    |  |        |
|----|--|--------|
| 1. | Minutes of the November 5, 2020 and March 11, 2021 MSRC-TAC meetings   | Allen  |
|    |  |        |
| 2. | Summary of Final Reports by MSRC Contractors <ul style="list-style-type: none"><li>• Waste Resources, Inc., Contract #MS14079 (\$100,000 - Construct Limited-Access CNG Fueling Station)</li><li>• Hacienda La Puente Unified School District, Contract #MS14083 (\$175,000 – Construct Limited-Access CNG Fueling Station)</li><li>• San Bernardino County Transportation Authority, Contract #MS16096 (\$450,000 – Install Electric Vehicle Charging Infrastructure)</li><li>• County Sanitation Districts of LA County, Contract #MS18124 (\$275,000 – Construct Limited-Access CNG Fueling Station)</li><li>• U.S. Venture, Contract #MS18125 (\$200,000 – Construct Limited-Access CNG Fueling Station)</li></ul> | Gorski |

**Information Only - Receive and File**

- |    |   |            |
|----|---|------------|
| 3. | MSRC Contract’s Administrator’s Report<br><p>This report covers key issues addressed by MSRC staff, status of open contracts, and administrative scope changes from May 27, 2021 through July 28, 2021.</p> | Ravenstein |
|    |   |            |
| 4. | Financial Report on AB 2766 Discretionary Fund<br><p>Financial report for June 2021.</p>  | Kampa      |
|    |   |            |
| 5. | Report on Outreach Activities<br><p>This report provides a summary of outreach, communications and policy activities undertaken by the Better World Group on behalf of MSRC for Spring 2021.</p>            | BWG        |

**ACTION CALENDAR (Items 6 through 13)**

- 6. Consider Three-Month No-Cost Term Extension by City of Santa Ana, Contract #ML12014 (\$338,000 – Purchase Nine CNG & LPG Trucks and Install EV Charging Stations) Ravenstein

The City requested a six-month term extension due to delays associated with the COVID-19 pandemic and understaffing. Due to the contract’s impending termination, MSRC staff is processing a three-month extension so that the MSRC can consider the remainder of the City’s request.
  
- 7. Consider Eighteen-Month No-Cost Term Extension by City of Baldwin Park, Contract #ML12045 (\$400,000 – Install New CNG Station) Ravenstein

The City requests an eighteen-month extension due to unanticipated delivery of redesigned equipment and delays associated with the SoCalGas connection and Los Angeles County permitting.
  
- 8. Consider Eight-Month No-Cost Term Extension by Waste Resources, Contract #MS14079 (\$100,000 – Install New CNG Station) Ravenstein

Waste Resources requests an eight-month term extension due to the need to manage poor soil conditions and unexpected difficulties coordinating logistics and changes between different agencies.
  
- 9. Consider Fifteen-Month No-Cost Term Extension by Hacienda La Puente Unified School District, Contract #MS14083 (\$175,000 – Install New CNG Station) Ravenstein

The School District requests a fifteen-month extension due to confusions surrounding which authority has jurisdiction over permitting.
  
- 10. Consider Thirty-Two Month No-Cost Term Extension by the City of Pico Rivera, Contract #ML18067 (\$83,500 - Install EV Charging Infrastructure) Ravenstein

Extend contract term to June 30, 2025-approximately a 32-month extension-due to unforeseen COVID-19 impacts on City services and issues regarding power supply by Southern California Edison.

11. Consider Modified and Reduced Scope and 4.5-Year No-Cost Term Extension by City of Placentia, Contract #ML16048 (\$90,000 - Install Bicycle Locker and EV Charging Stations)

Ravenstein

Substitute seven dual-outlet Level II charging stations (six limited access, and one public access) and one limited access Level III charging station for the fourteen Level II charging stations, at least four of which were required to be public access, originally approved by the MSRC; eliminate tasks and funding associated with the bicycle locker; and extend term four and one-half years (two years of which is to accommodate the longer operational requirements for Level III charging stations).

**FYs 2018-21 WORK PROGRAM**

12. Consider Bifurcation of Original \$3,000,000 Award to ITS Technologies and Logistics under the Zero and Near-Zero Emission Cargo Handling Equipment at Warehouse, Distribution and Intermodal Facilities in Riverside and San Bernardino Counties Program

Ravenstein

In March 2021, as part of an initiative to reduce emissions from “Inland Ports” cargo handling equipment, the MSRC approved a \$3,000,000 award to ITS Technologies and Logistics, LLC d/b/a ITS ConGlobal, to procure and deploy up to 12 zero-emission electric yard tractors and associated charging infrastructure. After the award, clarification has been obtained that the charging infrastructure would be owned and operated by property owner Burlington Northern Santa Fe Railroad (BNSF). In order to enhance accountability in administration of the project, it is recommended that the award be bifurcated into a \$1,686,900 award to ITS for the 12 yard tractors, and a \$1,313,100 award to BNSF for the charging infrastructure. No other aspects of the project would be changed.

**FYs 2021-22 WORK PROGRAM**

13. Consider RFP for MSRC Technical Advisor Services

Chan

The MSRC retains an independent contractor to provide technical assistance in support of the AB 2766 Discretionary Fund Program. Since the contract with the current Technical Advisor expires on December 30, 2021, a draft RFP has been prepared to solicit new proposals to provide technical services to the MSRC for an initial two-year period beginning January 1, 2022, with a two-year option term that can be exercised at the discretion of the MSRC. The MSRC-TAC may vote to recommend to the MSRC to release the RFP or may take some other action regarding the RFP."

**OTHER BUSINESS**

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

Chan

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

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

**ADJOURNMENT**

**NEXT MEETING: Date: September 2, 2021, 1:30 PM, Location: Remote Meeting**

***Americans with Disabilities Act and Language Accessibility***

*Disability and language-related accommodations can be requested to allow participation in the MSRC-TAC 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 Marjorie Eaton at (909) 396-3036 from 7:00 a.m. to 5:30 p.m., Tuesday through Friday, or send the request to [meaton@aqmd.gov](mailto:meaton@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 Marjorie Eaton at (909) 396-3036 or send the request to [meaton@aqmd.gov](mailto:meaton@aqmd.gov)*

Contacts: Cynthia Ravenstein, MSRC Contracts Administrator – (909) 396-3269  
Ray Gorski, MSRC Technical Advisor – (909) 396-2479  
Marjorie Eaton, MSRC Administrative Liaison – (909) 396-3036

**\*\*\* Visit Our Website At: [www.CleanTransportationFunding.org](http://www.CleanTransportationFunding.org)\*\*\***

## 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

November 5, 2020 and March 11, 2021

MSRC-TAC Meeting Minutes





**TECHNICAL ADVISORY COMMITTEE TO THE MSRC  
THURSDAY, NOVEMBER 5, 2020 MEETING MINUTES  
21865 Copley Drive, Diamond Bar, CA 91765**

**All participants attended the meeting remotely pursuant to  
Executive Orders N-25-20 and N-29-20**

**MSRC-TAC MEMBERS PRESENT:**

MSRC-TAC Chair Anthony (AJ) Marquez, representing Orange County Board of Supervisors  
MSRC-TAC Vice-Chair Jenny Chan, representing Riverside County Transportation Commission  
Adriann Cardoso, representing Orange County Transportation Authority  
Jason Farin, representing Riverside County Board of Supervisors  
Steve Hillman, representing City of Los Angeles  
Jamie Lai, representing Cities of Orange County  
Minh Le, representing Los Angeles County Board of Supervisors  
Laura Iannaccone (Alt.), representing Los Angeles County Board of Supervisors  
Steven Lee, representing Los Angeles County Metropolitan Transportation Authority  
Rongsheng Luo, representing South California Association of Governments  
Scott Strelecki (Alt.), representing Southern California Association of Governments  
Kelly Lynn, representing San Bernardino County Transportation Authority  
Sean O'Connor, representing Cities of San Bernardino County  
Tim Olson, Air Pollution Control Expert  
Nicole Soto, representing Regional Rideshare Agency  
Vicki White, representing South Coast Air Quality Management District  
Derek Winters, representing California Air Resources Board  
Dan York, representing Cities of Riverside County

**OTHERS PRESENT:**

Ian Stewart, RPS  
Elliott Popel  
Mark Abramowitz  
Marwa Zughbi  
Ellis Chiu  
Lauren Dunlap  
Alek Van Houghton  
P. Timothy French  
Katrina Kunkel

Amanda Meere  
Eddie Camano  
Charles Williams  
Jack Symington  
Annie Nam  
Erika Chavez

**SCAQMD STAFF & CONTRACTORS PRESENT:**

Leah Alfaro, MSRC Contracts Assistant  
Maria Allen, MSRC Administrative Liaison  
Marjorie Eaton, Secretary  
Ray Gorski, Technical Advisor  
John Kampa, Financial Analyst  
Daphne Hsu, Senior Deputy District Counsel  
Matt MacKenzie, MSRC Contracts Assistant  
Cynthia Ravenstein, MSRC Contracts Administrator  
Penny Shaw-Cedillo, Sr. Administrative Secretary  
Alejandra Vega, MSRC Administrative Liaison  
Donna Vernon, Secretary

DRAFT

CALL TO ORDER

- Call to Order  
MSRC-TAC Chair Anthony (AJ) Marquez called the meeting to order at 1:30 p.m.

**STATUS REPORT**

- Clean Transportation Policy Update

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

**CONSENT CALENDAR**

**Receive and Approve**

**Agenda Item #1 – Summary of Final Reports by MSRC Contractors**

Two final reports were submitted for MSRC-TAC review and approval during November:

- Riverside County Transportation Commission, MS16124  
(\$253,239 – Extended Freeway Service Patrols)
- City of San Bernardino, MS18117  
(\$240,000 – Expansion of Existing CNG Infrastructure)

ON MOTION BY MSRC-TAC MEMBER SEAN O’CONNOR AND SECONDED BY MSRC-TAC MEMBER JAMIE LAI, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #1 - #4, THE MSRC-TAC RECEIVED AND APPROVED THE MSRC CONTRACTORS’ FINAL REPORTS SUMMARY LISTED ABOVE.

ACTION: The Summary of Final Reports by MSRC Contractors will be included on the MSRC’s next agenda for final action.

**Agenda Item #2 – Consider Adoption of 2021 Meeting Schedules**

The proposed 2021 MSRC and MSRC-TAC meeting schedule was included in the agenda package.

ON MOTION BY MSRC-TAC AND MEMBER SEAN O’CONNOR AND SECONDED BY MSRC-TAC MEMBER JAMIE LAI, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #1 – #4, THE MSRC-TAC UNANIMOUSLY VOTED TO RECOMMEND APPROVAL OF THE 2021 MEETING SCHEDULES

ACTION: The 2021 MSRC Meeting Schedules will be included on the MSRC’s next agenda for final action.

**Information Only - Receive and File**

**Agenda Item #3 – MSRC Contracts Administrator’s Report**

The Contracts Administrator’s Report for September 24, 2020 through October 28, 2020 was included in the agenda package.

ON MOTION BY MSRC-TAC AND MEMBER SEAN O’CONNOR AND SECONDED BY MSRC-TAC MEMBER JAMIE LAI, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #1 – #4, THE MSRC-TAC UNANIMOUSLY VOTED TO RECEIVE AND FILE THE MSRC CONTRACTS ADMINISTRATOR’S REPORT LISTED ABOVE.

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

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

The Financial Report on the AB 2766 Discretionary Fund for September 2020 was included in the agenda package.

ON MOTION BY MSRC-TAC AND MEMBER SEAN O’CONNOR AND SECONDED BY MSRC-TAC MEMBER JAMIE LAI, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #1 – #4, THE MSRC-TAC UNANIMOUSLY VOTED TO RECEIVE AND FILE THE FINANCIAL REPORT ON AB 2766 DISCRETIONARY FUND FOR THE MONTH OF SEPTEMBER 2020.

ACTION: No further action is required.

**ACTION CALENDAR**

**Agenda Item #5 – Consider Seven-Month No-Cost Term Extension by County of Los Angeles, Internal Services Department, Contract #ML14030 (\$425,000 – Bicycle Racks, Outreach & Education)**

No comments were made from any MSRC-TAC members or MSRC staff. No public comments were made.

ON MOTION BY MSRC-TAC MEMBER DAN YORK AND SECONDED BY MSRC-TAC MEMBER STEVEN LEE TO APPROVE ITEMS #5 AND #6, THE MSRC-TAC VOTED TO RECOMMEND TO APPROVE FOR THE CITY OF LOS ANGELES, INTERNAL SERVICES DEPARTMENT, CONTRACT #ML14030, A SEVEN-MONTH NO-COST TERM EXTENSION. MSRC-TAC MEMBER MINH LE ABSTAINED.

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

**Agenda Item #6 – Consider One-Year No-Cost Term Extension by City of Yucaipa, Contract #ML16057 (\$380,000 – Implement “Complete Streets” Pedestrian Access Project on County Line Road)**

No comments were made from any MSRC-TAC members or MSRC staff. No public comments were made.

ON MOTION BY MSRC-TAC MEMBER DAN YORK AND SECONDED BY MSRC-TAC MEMBER STEVEN LEE TO APPROVE ITEMS #5 AND #6, THE MSRC-TAC UNANIMOUSLY VOTED TO RECOMMEND TO APPROVE FOR THE CITY OF YUCAIPA, CONTRACT #ML16057, A ONE-YEAR NO-COST TERM EXTENSION.

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

**Agenda Item #7 – Consider Reduced Scope and Value by County of Los Angeles Department of Public Works, Contract #ML14027 (\$500,000 – Construct New CNG Stations in Canyon Country and La Puente)**

Cynthia Ravenstein, MSRC Contracts Administrator explained that the County of Los Angeles Department of Public Works was awarded \$500,000 from the 2012-14 Local Government Match Program. Originally a CNG station was going to be installed in Downey. that was later changed to divide the funding to install stations in both Canyon Country and La Puente. The work hasn't been completed yet and the MSRC has not paid anything yet. But the County's indicating that for the station that they're installing in the Canyon County location, they're going to install time-fill hoses in a really congested area with limited space where they have to accommodate parking, staging and storage for trucks, equipment and material. They are asking instead of the six time-fill hoses that the contract calls for, to only put in four time-fill hoses, with a corresponding \$8,000 reduction in the contract value. They would like to add four time-fill hoses in the future, but since they have to remove an existing structure that is something that won't happen anytime soon.

MSRC-TAC Member Tim Olson asked if the diminished need for the station in Downey is because of proximity to Pico Rivera or is it due to reduced number of vehicles?

Ms. Ravenstein explained the decision to not have the station in Downey was made in a previous request, this contract was already amended to two stations in Canyon Country and La Puente. The current request is to reduce the scope of the Canyon Country station by two time-fill hoses and reduce the value of the contract by \$8,000.

MSRC-TAC Chair A.J. Marquez asked if this was part of 2014 Work Program and when the contract expires?

Ms. Ravenstein answered Chair Marquez by stating that it is part of the 2014 Work Program and the contract has already been extended previously. They are not asking for an extension at this time. Their contract expires in 2024.

ON MOTION BY MSRC-TAC MEMBER TIM OLSON AND SECONDED BY MSRC-TAC MEMBER STEVE HILLMAN, THE MSRC-TAC VOTED TO RECOMMEND TO APPROVE FOR THE COUNTY OF LOS ANGELES, DEPARTMENT OF PUBLIC WORKS, CONTRACT #ML14027, A REDUCED SCOPE AND VALUE. MSRC-TAC MEMBER MINH LE ABSTAINED.

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

**Agenda Item #8 – Consider Reduced Scope and Value and Two-Year Term Extension by Los Angeles Department of Water and Power (LADWP), Contract #ML16022 (\$360,000 – Purchase 12 Heavy-Duty Natural Gas Vehicles)**

Cynthia Ravenstein, MSRC Contracts Administrator explained that the Los Angeles Department of Water and Power (LADWP) was awarded \$360,000 under the 2014-16 Local Government Match Program to purchase 12 heavy duty CNG vehicles at a \$30,000 incentive per vehicle. They've had some extensions previously, but they are now indicating that they've reassessed the number of units they need. They want to reduce the number of CNG tree trimming vehicles and purchase more bucket trucks for power restoration. This in itself would not necessitate a contract change; the contract does not specify the kind of vehicles they're going to buy. But now they want to decrease the number of vehicles under the contract from twelve to eight. MSRC staff has confirmed with them their understanding that when they do that, because they can only get \$30,000 per vehicle, it would correspond to a \$120,000 contract value decrease. The LADWP also indicated that their procurement process took longer than expected due to limited staff, modifications to the specification template, and changes in available technology. Also, the bidding process was impacted by the pandemic and civil unrest earlier this year, so they awarded the purchase orders September 4<sup>th</sup> and they are requesting a 24-month term extension.

ON MOTION BY MSRC-TAC MEMBER MINH LE AND SECONDED BY MSRC-TAC MEMBER SEAN O'CONNOR, THE MSRC-TAC VOTED TO RECOMMEND TO APPROVE FOR THE LOS ANGELES DEPARTMENT OF WATER AND POWER CONTRACT #ML16022, A REDUCED SCOPE AND VALUE AND TWO-YEAR TERM EXTENSION. MSRC-TAC MEMBER STEVE HILLMAN ABSTAINED.

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

**Agenda Item #9 – Consider Substitution of Three (3) Level III Charging Stations for Two (2) Level II Charging Stations and Two-Year Term Extension by City of Beaumont, Contract #ML18081 (\$31,870 – Install EV Charging Infrastructure)**

Cynthia Ravenstein, MSRC Contracts Administrator explained that the City of Beaumont was awarded \$31,870 under the 2016-18 Local Government Partnership Program to install EV charging stations. Their contract is to install two publicly accessible Level II EV charging stations. They are now requesting for three public access Level III charging stations. These are Charge Point Level III charging stations that are not proprietary, anybody could use these if their car can use a Level III charger. They have already completed the installations, and the MSRC

staff have reminded them that they should request modifications before they go ahead and do the work. It appears there were able to leverage funding from RCTC and the California Energy Commission to support the higher cost of the installation. The MSRC would be getting more charging stations that are more powerful for the same investment. Because the MSRC's Local Government Partnership Program requires a five-year operational period for Level III stations, the City has also requested a two-year term extension to cover that longer operational period.

ON MOTION BY MSRC-TAC MEMBER MINH LE AND SECONDED BY MSRC-TAC MEMBER DAN YORK, THE MSRC-TAC UNANIMOUSLY VOTED TO RECOMMEND TO APPROVE FOR THE CITY OF BEAUMONT, CONTRACT #ML18081, A SUBSTITUTION OF THREE LEVEL III CHARGING STATIONS AND A TWO YEAR TERM EXTENSION.

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

**Agenda Item #10 – Consider Substitution of Level III Charging Station for Level II Charging Station and One-Year Term Extension by City of South Gate, Contract #ML18146 (\$127,400 – Purchase Five Light-Duty ZEVs and Install EV Charging Infrastructure)**

Cynthia Ravenstein, MSRC Contracts Administrator explained that the City of South Gate was awarded \$127,400 under the Local Government Partnership Program. \$50,000 of that award was used to purchase light duty EVs. They were going to install three Level II charging stations, but they are currently requesting to substitute a Level III charging station for one of those. This one is actually in their City Yard so it does not have public access. They expect to purchase more EVs, but they don't expect to be installing any more charging stations after this. They want something that can serve several vehicles and they want to have them available in case of emergency. They are requesting to be able to substitute the Level III charger for the Level II at their City Yard as well as a one-year term extension. The one-year extension is to let them complete the installations and submit their final report. Ms. Ravenstein noted that the City did not take into account the longer operational period, so staff is recommending that if the MSRC grants the City's request, that there be approval of a three year-term extension to allow for that longer operational period that goes with a Level III station.

MSRC-TAC Member Minh Le asked the rationale from originally requesting Level III chargers to two Level II is so that vehicles can be ready a moment's notice? That doesn't seem right.

Ms. Ravenstein answered Mr. Le by clarifying that the City is going from Level II to Level III.

Mr. Le wanted further clarification because the title reads as substitution of level three charging station for level two charging station and one year term extension. Mr. Le wants to make sure he understands so that it is clear.

Ms. Ravenstein answered Mr. Le by stating that she can add some clarifying language. The use of "substituting" and "for" is a thing that gets a lot of people confused. She has had to clarify her language on some other documents, so there isn't a most common understanding of what people mean on that. She will try to make certain that there can't be any doubt.

MSRC-TAC Member Derek Winters stated that he shared this concern with Mr. Le. He stated that he read the title three times, so he understands Mr. Le's confusion as well.

ON MOTION BY MSRC-TAC MEMBER TIM OLSON AND SECONDED BY MSRC-TAC MEMBER KELLY LYNN, THE MSRC-TAC UNANIMOUSLY VOTED TO RECOMMEND TO APPROVE FOR THE CITY OF SOUTH GATE, CONTRACT #ML18146, A SUBSTITUTION OF LEVEL III CHARGING STATION AND A THREE-YEAR TERM EXTENSION.

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

**Agenda Item #11 – Consider Modified Scope by City of Riverside, Contract #ML18063 (\$383,610 – Expand Existing CNG Stations)**

Cynthia Ravenstein, MSRC Contracts Administrator explained that the City of Riverside wants to change the scope of work on their award of \$383,610 that is going to expand their existing CNG stations at Lincoln Ave. and Acorn St. At the Lincoln Avenue location, originally they wanted to put in a separate fueling island for the police department, but the City says it's not going to work because they would have to move a bunch of unleaded gasoline equipment. The MSRC funds cannot be used towards those costs and even their own money spent would not count as co-funding. Instead of installing the fueling island they just want to add a dual hose CNG dispenser at that station. At the Acorn Street Station, instead of putting in a dual hose CNG dispenser, they want to add two CNG storage spheres. Ms. Ravenstein explained that even with the changes in the kind of work to be done, there will be the same overall budget for the expansion of these stations. There is going to be a little bit different split between the two locations, but the total cost of the MSRC remains the same.

ON MOTION BY MSRC-TAC MEMBER JASON FARIN AND SECONDED BY MSRC-TAC VICE-CHAIR JENNY CHAN, THE MSRC-TAC UNANIMOUSLY VOTED TO RECOMMEND TO APPROVE FOR THE CITY OF RIVERSIDE, CONTRACT #ML18063, A MODIFIED SCOPE SUBSTITUTING THE INSTALLATION OF AN ADDITIONAL DISPENSER FOR THE ORIGINALLY PROPOSED INSTALLATION OF A SEPARATE FUELING ISLAND AT THE LINCOLN AVENUE STATION, AND SUBSTITUTING THE INSTALLATION OF ADDITIONAL STORAGE FOR THE ORIGINALLY PROPOSED INSTALLATION OF A DISPENSER AT THE ACORN STREET STATION

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

**Agenda Item #12 – Consider Modified Project List and One-Year Term Extension for Southern California Associate of Governments (SCAG), Contract #MS18015 (\$2,000,000 – Future Communities Partnership Program)**



Cynthia Ravenstein, MSRC Contracts Administrator explained that the MSRC awarded \$2 million towards SCAG's Future Communities Partnership Program, which supports city and county agencies implementing pilot projects to reduce vehicle miles traveled (VMT). SCAG is indicating that the pandemic has significantly delayed implementation of most of the projects in the program. There have been tremendous declines in transit ridership and operations and mobility options, and this caused major implications. SCAG is requesting a one-year term extension to allow their partnering agencies the flexibility to compensate for lost time and determine if additional modifications may be necessary for them to complete the project work.

With respect to the project for the City of Monrovia, they have come up with something completely new, because their project was related to increasing shared rides on Lyft. Due to the pandemic Lyft has indefinitely suspended shared rides, so the City has been working on coming up with a different project to replace this. The City has proposed a new pilot project to increase bicycling within the City by incentivizing e-cargo bike delivery to offset VMT increases from the rising delivery services. This project would be getting \$300,000 in AB2766 Discretionary Funding through the MSRC contract. Ms. Ravenstein further explained that this project has co-funding from SCAG, and with the City's involvement it exceeds the amount that the MSRC would be putting in. The MSRC would need to approve this substitution of the Monrovia project.

MSRC-TAC Member Adrian Cardoso asked if this project was a competitive or a formula program and if the grant was awarded to the City or to the project?

Ms. Ravenstein answered Ms. Cardoso by stating it was a competitive program, but she does not know whether there were projects that did not get funded. Ms. Ravenstein stated that she does know that there was a geographic equity consideration that the MSRC had in their funding. She recalls that there were certain counties that had all of their projects funded, but she does not know whether Los Angeles County was one of those. In regards to the question whether there were other proposals, Ms. Ravenstein stated that Ray Gorski was involved in the original review process and may recall.

Ray Gorski, MSRC Technical Advisor stated he recalls that the evaluation was conducted by SCAG. The MSRC funded SCAG under a sole source award, but with the provisions that the MSRC would retain both technical and programmatic oversight. The MSRC did have a role not through direct evaluation, but through working with SCAG to review recommendations that they were going to bring forward to the TAC and MSRC. Mr. Gorski stated that to the best of his recollection that there were some projects that were not selected, but to his recollection he cannot dissect for each county whether that was the case. Mr. Gorski stated there were multiple iterations during the evaluation prior to achieving the selected project list. He also wanted to add that at this time we do not have the details of how the new substitute project would be implemented as compared to the level of detail we had on the original project.

Ms. Cardoso stated that without knowing what the project is, or if there were competitive projects on the original project list that could have moved in and use these funds, she's not sure that she could issue her support of a blanket authorization to the City of Monrovia to come up with a substitute project. She added that it seems more likely in a competitive program that the funding would go to the next most competitive project on the list, since their original project is no longer a viable project. Ms. Cardoso stated that based on her understanding it seems more

appropriate to cancel it, but states that maybe she is missing some information or there is some aspect that she is not understanding.

Ms. Ravenstein stated that the MSRC staff could seek some additional information to bring back to the TAC. She added that they did provide her with a little bit more information about what the project would entail, but that does not really get to the information about other projects that weren't funded.

MSRC-TAC Member Kelly Lynn stated that Ms. Ravenstein getting more information would be really helpful to her to know what to reference.

MSRC-TAC Chair A.J. Marquez summarized the TAC's feedback by stating the City had originally proposed a Lyft rideshare project. They are now requesting to substitute the project for a pilot program for bicycle transit and SCAG is asking for a one-year contract extension. Based on the TAC's feedback there could be other worthy projects that the TAC would like to hear about.

Ms. Ravenstein stated that the MSRC staff could investigate what the status was on the projects that were not selected in the previous process. The funding was allocated for this county and there is not an immediate need for the extension; the contract doesn't expire until August 2021.

MSRC-TAC Member Minh Le commented that usually the TAC approves minor contract changes, like level II charging station to a level III charging station or change of location, but generally within the scope of what was originally proposed. This item, it seems that due to the pandemic, they are unable to work on the original project, the new pilot project appears to be a significant departure away from what was originally proposed. Mr. Le asked what was the worth of the original application? Mr. Le stated that it could add more clarity from the applicants and see what should be done, if it is a dramatic departure it is worthwhile to evaluate the context of all the other things that could be done with those resources.

Tim Olson, asked that when MSRC staff look into the non-selected projects to check if they are still relevant and to check if they have already been funded through another source.

Mr. Gorski stated that since the MSRC made a sole source award to SCAG under the proviso that it would be conducted through a specific competitive format and evaluation criteria, we want to make sure that if a project is substituted that it still fulfills those procurement policies that SCAG had originally put forth to the committee. Mr. Gorski added that staff need to meet with SCAG to get additional information and affirmation that the substitution is in keeping with the process that they went through.

**ON MOTION BY MSRC-TAC MEMBER DAN YORK AND SECONDED BY MSRC-TAC MEMBER MINH LE, THE MSRC-TAC VOTED TO RECOMMEND TO MOVE THE REQUEST FROM SOUTHERN CALIFORNIA ASSOCIATION OF GOVERNMENTS, CONTRACT #ML18015, TO A FUTURE MEETING. SCOTT STRELECKI ABSTAINED.**

**ACTION:** MSRC staff will contact SCAG to gather more information to present to the TAC.

**Agenda Item #13 – Consider Contract Replacement for Los Angeles County Metropolitan Transportation Authority (Metro), Contract #MS16090 (\$2,500,000 – Willowbrook/Rosa Parks Station Improvements)**

Cynthia Ravenstein, MSRC Contracts Administrator explained that the MSRC had approved a twelve-month extension for the Los Angeles County Metropolitan Transportation Authority. Though there was about a week and a half from the MSRC's approval before the contract expired, it was not enough time for the contract extension to be signed. This item is to authorize a replacement contract at \$2,500,000 for a twelve-month period.

ON MOTION BY MSRC-TAC MEMBER SEAN O'CONNOR AND SECONDED BY MSRC-TAC MEMBER MINH LE, THE MSRC-TAC UNANIMOUSLY VOTED TO RECOMMEND TO APPROVE FOR THE LOS ANGELES METROPOLITAN TRANSPORTATION AUTHORITY, CONTRACT #MS16090, A REPLACEMENT CONTRACT IN AN AMOUNT NOT TO EXCEED \$2,500,000 WITH A TWELVE-MONTH TERM.

**ACTION:** MSRC staff will include this action on the next MSRC agenda for approval.

**FYs 2018-21 WORK PROGRAM**

**Agenda Item #14 – Consider \$2,000 Contract Value Increase and Four-Month Term Extension for Geographics, Contract MS#18003 (\$70,453 – Design, Host and Maintain MSRC Website)**

Cynthia Ravenstein, MSRC Contracts Administrator explained this item is in regards to a contract modification with Geographics, who does the maintenance and hosting of the MSRC website. We were expecting to be coming forth with a recommendation for a long-term contract award. Now we expect that will be forthcoming in the next two months. We got a quote from Geographics for a four-month term extension that will cover maintenance and minor edits to keep the website operational. The four-month contract extension and \$2,000 value increase includes their current rate of \$373 a month and increases their 2018 hourly rate for edits. Ms. Ravenstein added that the term extension should give enough time to bring forth a longer-term contract to the MSRC for website hosting and maintenance.

ON MOTION BY MSRC-TAC MEMBER KELLY LYNN AND SECONDED BY MSRC-TAC MEMBER STEVE HILLMAN, THE MSRC-TAC UNANIMOUSLY VOTED TO RECOMMEND TO APPROVE FOR GEOGRAPHICS, CONTRACT #MS18003, A FOUR-MONTH TERM EXTENSION AND \$2,000 VALUE INCREASE.

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

**Agenda Item #15 – Consider Proposed Program Guidelines for Southern California Association of Governments (SCAG) Last Mile Freight Program**

MSRC-TAC Alternate Scott Strelecki, Senior Transportation Planner with SCAG, gave a presentation on the Last Mile Freight Program. The MSRC created a Goods Movement Program,

which includes a component for the Last Mile Freight Program. SCAG will be partnering with the MSRC and serve as the implementer for the Last Mile component of that Goods Movement Program. One of the clearest goals of this is to achieve cost effective emissions reductions of criteria air pollutants, specific to last mile freight operations. As part of that SCAG is establishing a two-phased approach. The item being presented to the TAC is regarding Phase One, which is establishing a Call for Projects process focusing on the purchase and commercial deployment of zero emission or near-zero emission heavy- or medium-duty trucks. Phase Two will be to keep part of the original approach that was proposed to conduct robust outreach to expand on the Phase One projects, coordinating with both public and private sector stakeholders to deploy broader technology initiatives focusing on last mile ecommerce-based use cases. This presentation is regarding the actual commercial deployment of vehicles and supporting infrastructure.

During the August 2020 MSRC meeting, the MSRC approved the Last Mile Freight Program statement of work, which includes the following tasks: Task One is the development of Program Guidelines and issuance of the Call for Projects, Task Two is the screening and selection of the projects, Task Three is project implementation, and Task Four is the evaluation and reporting. Mr. Strelecki mentioned that during October's SCAG Regional Council meeting, they approved a resolution to authorize the acceptance of the \$10 million in grant funds from the South Coast AQMD to implement this program. This is contingent on contractor agreement finalization with the South Coast AQMD, which they are currently working on. SCAG has been working directly with the Last Mile Subcommittee of the MSRC-TAC to develop this program.

Mr. Strelecki anticipates a substantial ramp-up in zero emission vehicle production in the next two to four years, in both commercial and passenger vehicles. Mr. Strelecki stated that identifying critical barriers and measuring success are very important to create more transparency in investment impacts as well as furthering the important goal of air quality for this region, especially in the South Coast Air Basin, but also balancing the economy. He went on to say that in trying to understand the business path related to that, as well as scalability and how we can look at our region of Southern California and how to get something going at scale and be something that the rest of the nation can emulate.

Mr. Strelecki went over the high-level key components of the Call for Projects and the Program Guidelines, which were included in the agenda. The Guidelines were broken into three broad areas, the first area being investment matching and funding. They established a geographic funding minimum, making sure that all of the four counties in the South Coast Air Basin have a proportional opportunity for this program. There need to be some investment matching thresholds for applicants to commit to. There also are some funding minimums and maximums; they think this is really important to help support the program. Also, the Guidelines set some additional thresholds for fleet and infrastructure components. He mentioned that when talking about zero emission and near-zero emission vehicles operating in a commercial environment, there need to be supporting infrastructure considerations. We need to understand the procurement process and make sure that there is a pathway for success from that perspective. Mr. Strelecki stated that they will be monitoring and evaluating this program and producing a report on it. Data considerations will become a very important part of the reporting process. With regards to project expectations, having the ability to set what the project description is a big part of the delineating commercial vehicle operation infrastructure needs. Having a good set of

screening and selection criteria to help evaluators is important. Both the MSRC and SCAG will be participating in the process to evaluate, approve and select actual projects.

A total of \$10 million of Clean Transportation Funding will be available with \$3 million set aside for small businesses. They anticipate a lot of interest in this program. The projects must be engaged in the delivery of goods. Companies may cover multiple counties or may be within one county. This project calls for investment matching, a minimum of one to one based on cash or equivalents. They are also looking to consider leveraging with other funding programs. With regards to eligibility, they are looking at vehicle- and equipment- related eligible projects. They want to focus on last mile delivery vehicles supporting e-commerce industries, parcel deliveries to both residents and businesses, but also recognize there's a large business-to-business component of last mile as well. They are also looking to focus on supporting retail, wholesale trade, manufacturing, construction, other transportation, and logistics services from that perspective.

In regard to selection criteria, they've organized it into three core areas including: 1) Project Summary, 2) Project Readiness and Implementation, and 3) Funding Request and Cost Effectiveness. For Project Summary, it's critical that the proposed project clearly advances emission reductions for both particulate and oxides of nitrogen through commercial deployment. The applicants need to illustrate how their project will be capable of doing that. It's important for the evaluators to see how innovative the project is and how it can provide competitive advantages over conventional operations. For Project Readiness, they want to make sure that there is an aggressive yet still achievable schedule. As discussed in the Last Mile Subcommittee, there could be procurement-related issues on the vehicle side so they need to make sure that they are comfortable enough that the projects are on the right trajectory. Infrastructure could have CEQA, permitting, and other things that they want to make sure are at a good enough point where they're going to get these projects towards implementation. Lastly, on the criterion for Funding Request and Cost Effectiveness, a lot of these new technologies are really touting their ability to reduce costs for the private industry. This is a great opportunity to create more transparency. Will the project result in a lower cost of operation and maintenance? Or at a minimum they should be competitive with the traditional last mile operation maintenance costs that are currently being incurred by private industry, not necessarily incorporating capital as part of this criteria process. We are looking at a benefit cost score, defined as a ratio of NOx and PM to equivalent reduction per dollar of the Last Mile Freight Program investment.

They are seeking a recommendation to have an opportunity for approval at the November 19 MSRC meeting. Assuming that would occur, they would then be looking at putting out the Call for Projects in early December and then having a process of application workshops, deadline for questions, responses to questions posted, and giving a little over a two-month overall time period to the application deadline for submission. They feel like that's a good amount of time to make sure that all the different interested parties have an opportunity to go through the process and submit strong applications, especially for smaller businesses. Thereafter they would be looking at about a little over a month to go through the process to review all the projects. The MSRC Subcommittee would be involved in making a recommendation that would then go back to the TAC, then to the April MSRC meeting for approval. Mr. Strelecki mentioned that that morning the Transportation Committee of SCAG and Regional Council were provided the draft Guidelines and the recommendation was sent to the Regional Council who approved the Guidelines.

MSRC-TAC Member Minh Le stated he is really excited for the project but wishes there was more than \$10 million because of the magnitude of the problem is a lot bigger.

MSRC-TAC Member Tim Olson asked if they would be using onboard data collection methods? When getting into NOx and PM does this include any of the tailpipe emissions--actual measurements? Or would it be calculation based on triangulated data?

Mr. Strelecki stated that the triangulated data method would be one of the primary methods, then the tailpipe emission probe may come up. Though the tailpipe method could have some opportunities, he doesn't think it could be used unilaterally right now, but he is open to find an approach where they could get as strong of an indication as possible.

MSRC-TAC Chair AJ Marquez asked Ray Gorski what method is typically used to capture that data?

Ray Gorski, MSRC Technical Advisor, stated that when they receive the proposal, they are going to look first to see first what they propose from a data analytics perspective. It's relatively common for fleets to have onboard data logging systems and telemetric data acquisition systems. He would expect them to have a significant capability already in place. If the fleets don't have that in place, they could work with them to acquire that; it's not that expensive or difficult today. To answer Mr. Olson directly, it's going to be more analytical than empirical, meaning that they will be able to conduct a reasonable air quality benefits assessment using the data that's acquired through these telemetric systems. He doesn't think they will be doing any type of measurements per se, there's going to be enough characterization of the vehicle such that they will be able to get a reasonable answer by doing an analytical assessment.

Mr. Olson asked if a project may be eligible if the origin of the goods is the actual Port of LA/Long Beach, basically transport to a distribution point or is the definition of last mile from the hubs and the distribution centers to the actual businesses or households? He asked for any clarification on which project may be eligible.

Mr. Strelecki stated that when he thinks of business to business, it's coming from a warehouse or distribution facility and then going directly to a retail entity. That alone gives a wide opportunity within all the counties. At the same time it is open to companies like FedEx, UPS, Amazon or other independent owner-operators that are doing package deliveries to residents and businesses. If it is a port move going to a warehouse, he's not certain that it would fit the program; there are other programs that are looking into that potentially. A potential issue would be e-commerce, for example Amazon would have a container go to their fulfillment center, there's also a sortation facility connected to their fulfillment center, and then they have a delivery station. Some of the ecommerce may be a little more complicated, but he would think that the delivery station, which also like Amazon, would have those reflected throughout all the county areas in the air basin and would potentially make more sense as far as that final destination.

Mr. Le asked if the Los Angeles Cleantech Incubator (LACI) proposal is moving forward. Is there collaboration between the organizations, because even though the scope of work is slightly different and the target is different, there is some significant overlap and there should be some coordination between the efforts.

Mr. Gorski stated that there is a lot going on. The MSRC is going to the South Coast AQMD Governing Board on Friday of this week on an RFP to really target the goods which are coming into the Maritime Ports and being transferred out to the Inland Ports. In that respect, he thinks it would be fine if the Last Mile component focused more on the segment from the distribution center to final retail or other business enterprise. From the regional collaboration perspective, the MSRC is working on a regular basis with the South Coast AQMD and the partners which are looking to put together a program in response to the forthcoming solicitation from the Energy Commission and the Air Resources Board, which is going to look at specifically goods movement, container movement coming out of the ports. The MSRC continues to have dialogue with LACI. LACI is now a participant and member of the regional collaborative along with the MSRC. They will have regular meetings and regular dialogue. To answer Mr. Le's question directly, they are all in discussion.

ON MOTION BY MSRC-TAC MEMBER MINH LE AND SECONDED BY MSRC-TAC MEMBER TIM OLSON, THE MSRC-TAC VOTED TO RECOMMEND TO APPROVE FOR THE SOUTHERN CALIFORNIA ASSOCIATION OF GOVERNMENTS, LAST MILE FREIGHT PROGRAM GUIDELINES. SCOTT STRELECKI ABSTAINED.

**ACTION:** MSRC staff will include the Last Mile Freight Program Guidelines on the next MSRC agenda for approval.

#### **OTHER BUSINESS**

No other business presented.

#### **PUBLIC COMMENTS:**

No public comment.

#### **ADJOURNMENT**

THERE BEING NO FURTHER BUSINESS, THE MSRC-TAC MEETING ADJOURNED AT 2:46 P.M.

**NEXT MEETING:** Next meeting: Thursday, December 10, 2020, 1:30 p.m.

(Minutes prepared by Maria M. Allen)



**TECHNICAL ADVISORY COMMITTEE TO THE MSRC  
THURSDAY, MARCH 11, 2021 MEETING MINUTES  
21865 Copley Drive, Diamond Bar, CA 91765**

**All participants attended the meeting remotely pursuant to  
Executive Orders N-25-20 and N-29-20**

**MSRC-TAC MEMBERS PRESENT:**

MSRC-TAC Chair Anthony (AJ) Marquez, representing Orange County Board of Supervisors  
Adriann Cardoso, representing Orange County Transportation Authority  
Cliff Thorne (Alt), representing Orange County Transportation Authority  
Jason Farin, representing Riverside County Board of Supervisors  
Steve Hillman, representing City of Los Angeles  
Ron Lindsay (Alt), representing County of San Bernardino  
Steven Lee, representing Los Angeles County Metropolitan Transportation Authority  
Rongsheng Luo, representing Southern California Association of Governments  
Kelly Lynn, representing San Bernardino County Transportation Authority  
Sean O'Connor, representing Cities of San Bernardino County  
Tim Olson, Air Pollution Control Expert  
Nicole Soto, representing Regional Rideshare Agency  
Nancy Strickert (Alt), representing Regional Rideshare Agency  
Vicki White, representing South Coast AQMD  
Ash Nikravan (Alt), representing South Coast AQMD  
Derek Winters, representing California Air Resources Board

**OTHERS PRESENT:**

Alek Van Houghton  
Alfredo Barajas  
Brendan O'Donnell  
Claire Garcia  
Dallas Plattsmier  
Debbie Thomas  
Lauren Dunlap  
Louis Zhao  
Ramine Cromartie  
Tony Williamson  
Vic La Rosa



**SCAQMD STAFF & CONTRACTORS PRESENT:**

Leah Alfaro, MSRC Contracts Assistant  
Maria Allen, MSRC Administrative Liaison  
Ray Gorski, MSRC Technical Advisor  
John Kampa, Financial Analyst  
Daphne Hsu, Senior Deputy District Counsel  
Josephine Lee, Senior Deputy District Counsel  
Matt MacKenzie, MSRC Contracts Assistant  
Matt Miyasato, Deputy Executive Officer  
Cynthia Ravenstein, MSRC Contracts Administrator  
Alejandra Vega, MSRC Administrative Liaison  
Donna Vernon, Secretary

DRAFT

CALL TO ORDER

- Call to Order  
MSRC-TAC Chair AJ Marquez called the meeting to order at 1:31 p.m.

**CONSENT CALENDAR**

**Receive and Approve**

**Agenda Item #1 – Minutes of the February 4, 2021 MSRC-TAC Meeting**

The Minutes for the February 4, 2021 MSRC-TAC Meeting were included in the agenda package.

ON MOTION BY MSRC-TAC ALTERNATE RON LINDSAY AND SECONDED BY MSRC-TAC MEMBER ADRIANN CARDOSO, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #1 - #3, THE MSRC-TAC RECEIVED AND UNANIMOUSLY APPROVED THE MINUTES OF THE FEBRUARY 4, 2021 MSRC-TAC MEETING.

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

**Information Only – Receive and File**

**Agenda Item #2 – MSRC Contracts Administrator's Report**

The Contracts Administrator's Report for January 28, 2021 through March 3, 2021 was included in the agenda package.

ON MOTION BY MSRC-TAC ALTERNATE RON LINDSAY AND SECONDED BY MSRC-TAC MEMBER ADRIANN CARDOSO, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #1 – #3, THE MSRC-TAC UNANIMOUSLY VOTED TO RECEIVE AND FILE THE MSRC CONTRACTS ADMINISTRATOR'S REPORT LISTED ABOVE.

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

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

The Financial Report on the AB 2766 Discretionary Fund for January 2021 was distributed at the meeting.

ON MOTION BY MSRC-TAC ALTERNATE RON LINDSAY AND SECONDED BY MSRC-TAC MEMBER ADRIANN CARDOSO, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #1 – #3, THE MSRC-TAC UNANIMOUSLY VOTED TO RECEIVE AND FILE THE FINANCIAL REPORT FOR THE MONTH OF JANUARY 2021.

ACTION: No further action is required.

## **ACTION CALENDAR**

### **FYs 2016-18 WORK PROGRAM**

#### **Agenda Item #4 – Consider Project Concepts Received under the Hydrogen Infrastructure Partnership Program**

MSRC-TAC Chair AJ Marquez stated that as an element of the 2016-18 Work Program, the MSRC allocated \$3 million for the implementation of hydrogen refueling stations within South Coast AQMD's jurisdiction. The Program Opportunity Notice (PON) was released on April 6, 2018 and will close April 9, 2021. The PON encouraged partnerships with regulatory agencies such as the California Energy Commission, South Coast AQMD and CARB, but also allows participation by other public and private stakeholders. A geographic funding minimum of \$500,000 per county has been established and \$1 million has been awarded to date. The MSRC has received two project concepts, one from Cal State Los Angeles (CSULA) and the other one from the San Bernardino County Transportation Authority (SBCTA).

The CSULA project proposes to expand the capacity of its existing publicly accessible hydrogen fueling station as well as to deploy some new technologies. The proposed expansion would increase the hydrogen storage capacity from about 60 kilograms to 200 kilograms through the installation of additional medium and high-pressure tanks. The expansion would also include the installation of a new dual storage compressor, capable of achieving rapid high-pressure fills. It also includes a stanchion for unloading delivered hydrogen and new T40 chilling equipment and a corresponding 350 and 700 bar fueling dispenser. CSULA proposes to partner with Argonne Laboratories to demonstrate a compression strategy which will save energy and assure sustained back-to-back refueling and to investigate hydrogen generation with an electrolyzer, powered by the University's recently commissioned one megawatt solar installation. The Subcommittee noted that while perhaps this project was not exactly what they had envisioned for this funding category, they felt the project showed significant merit. There was some concern that DOD funding had not yet been secured and the Subcommittee also wanted more information on anticipated usage, additional throughput for the expanded station.

The SBCTA plans to deploy a zero emission, multi-unit hydrogen battery, hybrid passenger train, for short ZEMU. The specific project submitted involves retrofit of the Arrow Maintenance Facility to provide hydrogen fueling capabilities for the ZEMU. In its initial configuration the facility would not be able to fuel any other vehicles. He noted that a future expansion with such fueling options may be possible. One element of their proposal included operating costs and the MSRC has never funded operating costs, only infrastructure. Past guidance has noted that operating costs are not an appropriate use of MSRC funds. There was also concern that given the demonstration nature of the ZEMU vehicle, if the demonstration is halted early, this could have an effect of stranding the funding for the hydrogen station. But the Subcommittee felt it did show significant merit. The Infrastructure Subcommittee is recommending that the MSRC seek submission of full proposals for these project proponents to include specific information discussed in the staff report and to provide additional details.

ON MOTION BY MSRC-TAC MEMBER VICKI WHITE AND SECONDED BY MSRC-TAC MEMBER RONGSHENG LUO, THE MSRC-TAC UNANIMOUSLY VOTED TO RECOMMEND TO SEEK FULL PROPOSALS UNDER THE HYDROGEN INFRASTRUCTURE PARTNERSHIP PROGRAM FROM CSULA AND SBCTA.

**ACTION:** MSRC staff will place this item on the MSRC's next agenda for final action.

## **FYs 2018-21 WORK PROGRAM**

### **Agenda Item #5 – Received Status Update and Consider Midcourse Adjustment for Voucher Incentive Program (VIP) Plus Up**

Cynthia Ravenstein, MSRC Contracts Administrator, gave a presentation regarding this item. She explained that in April of 2020 the MSRC made an allocation to partner with the South Coast Air District on their Voucher Incentive Program to provide funding to increase the incentive for vehicles that went above and beyond in order to achieve some additional emission reductions. The MSRC had asked for an update on the Program. Interest in the Program was a little slow in 2020. And so in order to revive interest in the Program, it was suggested that the MSRC might want to consider raising the maximum incentive for the Class 8 vehicles up to \$125,000 per truck. There had been \$5 million allocated; up to now \$180,000 of that has been tapped. It was also suggested that a portion of that \$5 million could be redeployed to address immediate MSRC funding needs. It's estimated that \$2.5 million could be reallocated and would still allow a sufficient balance to remain in the VIP Plus Up Program, so that it would still be viable, even with that increased funding cap. If there is a marked increase in interest in this incentive, the MSRC can revisit it and consider allocating additional funds as part of their next Work Program that they're going to be embarking on soon.

This program provides funding for the cost of replacing older, higher-polluting vehicles with newer, lower-emission vehicles. To meet the basic program, they only have to meet the 0.2 g/bhp-hr NOx standard. Under that basic program, they don't even necessarily have to get a brand new truck and it could be a diesel truck. This is a program for small fleets; it is limited to fleets of 10 or fewer vehicles. Partnering on this program is one of the MSRC's key avenues for getting to the small fleets with relatively quick turnaround on the funding. Several other MSRC funding opportunities have been competitive and the small fleets may not necessarily be able to access those as easily. The MSRC allocated \$5 million, the sunset date on this funding is at the end of this year. The current funding caps are: for Class 7 and 8 vehicles \$100,000; for Class 6 vehicles \$80,000; and for Class 5 vehicles \$60,000. There is also a provision that the funding cannot exceed 90% of the total cost of the new truck.

The suggested change is for the Class 8 vehicles. In 2020 there was a fairly slow uptake on this Plus Up Program. There were two voucher applications approved. Staff are currently processing those invoices. There was kind of a late program launch, the information from Air Resources Board came out a little later in the year than usual. There was also uncertainty that fleets were facing with the pandemic and under that situation a lot of them may not have wanted to try an alternate fuel. The 2021 round of the Voucher Incentive Program has launched and they're expecting that to be gaining more traction, especially later in the year. The low NOx engines that

meet the 0.02-gram standard are now eligible under the baseline program. What that means is that the amount of MSRC funding that will be needed for a Plus Up vehicle is actually decreased. You could do more vehicles for less MSRC money. There are also some immediate needs for this \$2.5 million that's been allocated here, but not really being accessed. The feeling is that the funding could have some real immediate uses, and yet with a little bit of adjustment that this program could see some real interest and it's important to maintain this partnership and this availability for the small fleets.

MSRC-TAC Member Vicki White stated some of the issues her team had with the Voucher Incentive Program. Last year CARB was very late in getting out the funding tables to enable air districts to move forward. They had less than six months of program implementation in 2020. Although the interest was small, it was not unexpected because of how the program was launched with only five to six months of program implementation. Ms. White added that sometimes it takes that long just to get the word out to make sure the dealers know how to offer that additional Plus Up incentive to the customers. Ms. White wanted to highlight the importance of this program, though there are a lot of competing programs out there that provide funding for low NOx trucks, including the Proposition 1B program, which is currently open. However, the small fleets as Ms. Ravenstein said can't compete as well, they tend not to be able to make that stretch to pay for their out-of-pocket expense to get them into a low NOx truck. This program is designed for smaller fleets and if an additional Plus Up can be considered, it will generate more interest this year. She added that 2020 was a unique VIP implementation year for her team. The DMV offices were closed for about a three-month period, which meant a lot of the smaller fleets that rely on month-to-month registrations had gaps in their registration. Based on the program eligibility requirements, gaps are not allowed in the registration to qualify for funding. There were a number of things that happened in 2020 that affected program participation overall, but Ms. White wanted the TAC to consider this information moving forward, since this is one of the only programs for smaller fleets and an additional Plus Up would generate more interest among the smaller fleets.

MSRC-TAC Member Derek Winters stated that he understands the complications with the VIP program, his only suggestion would be to prioritize the zero emission projects when they do get funded.

ON MOTION BY MSRC-TAC MEMBER KELLY LYNN AND SECONDED BY MSRC-TAC MEMBER SEAN O'CONNOR, THE MSRC-TAC UNANIMOUSLY VOTED TO RECOMMEND TO APPROVE THE MIDCOURSE ADJUSTEMENT FOR THE VOUCHER INCENTIVE PROGRAM (VIP) PLUS UP.

**ACTION:** MSRC staff will include this midcourse adjustment on the next MSRC agenda for approval.

**Agenda Item #6 – Consider Proposals Received under Cargo Handling Equipment & Infrastructure at Warehouse, Distribution & Intermodal Facilities in Riverside & San Bernardino Counties RFP**

MSRC-TAC Member Tim Olson explained he is the Chair of the MSRC-TAC Inland Ports Subcommittee. Members include MSRC-TAC members Jason Farin, Kelly Lynn, Sean

O'Connor and Jenny Chan, as well as help from MSRC Contracts Administrator Cynthia Ravenstein and MSRC Technical Advisor Ray Gorski. Mr. Olson gave a presentation on the Inland Ports Off Road Solicitation. Cargo handling and infrastructure at warehouse facilities were the point of interest in this and eligible areas were near-zero and zero emission displacement of diesel. Mr. Olson stated they received six proposals, from proposers including RDS Logistics Group; MHX, LLC; Orange EV; Penske Truck Leasing Co. LP; ITS Technologies & Logistics, LLC; and CMA CGM (America) LLC. A summary of proposals was included in the agenda packet. All proposals were for zero emission electric equipment. The proposals were rated on two major criteria: cost effectiveness and project readiness. \$6 million was allocated to this Program. Based on scoring results, the Subcommittee recommends funding Penske Truck Leasing Co. LP, CMA CGM (America) LLC, and partial funding to ITS Technologies & Logistics Group. If additional funding were to become available, the Subcommittee recommends that ITS Technologies be fully funded, fund one crane for MHX, and three tractors for RDS Logistics. Regarding Orange EV the Subcommittee would not recommend an award.

MSRC-TAC Chair AJ Marquez asked what was the additional funding for the backup list for off-road vehicles?

Mr. Gorski answered Mr. Marquez by stating the additional funding request would be about \$2.5 million, making the total request to be \$8.5 million.

ON MOTION BY MSRC-TAC MEMBER TIM OLSON AND SECONDED BY MSRC-TAC MEMBER JASON FARIN, THE MSRC-TAC UNANIMOUSLY VOTED TO RECOMMEND TO APPROVE AWARDS UNDER THE CARGO HANDLING EQUIPMENT & INFRASTRUCTURE AT WAREHOSUE, DISTRIBUTION & INTERMODAL FACILITIES IN RIVERSIDE & SAN BERNARDINO COUNTIES RFP AS RECOMMENDED BY THE SUBCOMMITTEE, INCLUDING THE RECOMMMENTATION TO FUND ADDITIONAL PROJECTS WITH ADDITIONAL FUNDING

**ACTION:** MSRC staff will include the recommended awards on the next MSRC agenda for approval.

**Agenda Item #7 – Consider Proposals Received under Trucking to Warehouse, Distribution & Intermodal Facilities in Riverside & San Bernardino Counties RFP**

MSRC-TAC Member Tim Olson explained that this RFP is for on-road Inland Ports. Both the actual trucks and supporting infrastructure, zero emission and near-zero emission technologies were eligible. \$14 million was allocated for this RFP. The proposals exceeded the funding available; the Subcommittee received \$36 million in requests. The Subcommittee received proposals from MHX, LLC; Sea Logix LLC; Premium Transportation Services, Inc.; Clean Energy; 4 Gen Logistics; Ryder Systems, Inc.; Amazon Logistics, Inc.; PAC Anchor Transportation, Inc.; Green Fleet Systems, LLC; Volvo Financial Services/QCD; and CMA CGM (America) LLC. A summary of these proposals was included in the agenda package. The scoring criteria have three different categories: cost effectiveness, based on the Carl Moyer Guidelines; project readiness; and trucks trips that serve the facilities. Since \$14 million was the cutoff point, the Subcommittee recommends the top four proposals and part of the fifth proposal.

Several proposals did not make the cut, the scoring range shows a couple of tying scores at the top. The Subcommittee would like to seek an additional \$14.7 million added to the original \$14 million allocation and offer complete funding for the following proposals: MHX, PAC Anchor, Volvo, and Ryder Systems, and partial funding for Sea Logix and CMA. The Subcommittee is not recommending an award to Clean Energy, primarily because they couldn't verify the fleets that would be supported, and Ms. Ravenstein and Mr. Gorski spent a lot of time trying to get that information clarified. Mr. Olson stated there is \$16.6 million of unallocated budget under the Work Program, and Ms. Ravenstein identified some additional money that could be used on this project.

MSRC-TAC Chair AJ Marquez asked what was the additional funding for the backup list for the off-road program?

Mr. Gorski answered Chair Marquez by stating it's approximately \$2.5 million above the currently allocated \$6 million.

Chair AJ Marquez asked if some of the proponents on the backup list would be willing to downsize their statement of work?

Mr. Olson answered stated that they asked the proponents if they would accept partial funding, some responded and some did not. They decided to be as fair as possible by trying to fund as many proposals as possible to some level that made sense. For example, under the off-road RFP, the Subcommittee didn't feel they could justify fully funding the MHX project but wanted to at least fund one crane.

MSRC-TAC Member Adriann Cardoso asked if it was possible to get an overall work plan for all the funding? She asked to see where the \$16 million in unallocated resources would be coming from and how it would be allocated to each program.

Mr. Olson noted that these proposals would put over 230 near-zero and zero emission vehicles on the road. All the proposals estimated they can complete their projects by the end of 2021 or 2022 calendar year, however vehicle build times and COVID-19 could impact the supply chain.

Mr. Gorski answered Ms. Cardoso by stating that the Work Program from a solicitation standpoint is coming to a close. There are no additional categories which are anticipated under the current 2018-21 Work Program. The MSRC does have unallocated funding which could be applied to fund the backup lists of the on-road and off-road solicitations. The MSRC also has additional unallocated money which could be used to fund programs that the MSRC has ongoing which have not yet closed. In the event that the MSRC chose to fully fund the backup lists for the Inland Port programs that would still leave approximately \$2.25 million that is unallocated.

There are two ongoing programs. The first is the Major Event Centers Program that closes on March 30<sup>th</sup>. \$6.5 million was set aside for that program, and to date \$3.8 million has been awarded. However, due to the realities of the COVID-19 pandemic, the MSRC has only reimbursed \$520,000 to date. There is the potential that additional applications will be received, but there is still allocated funding within that category. The other opportunity is the Hydrogen program that currently has an allocation of \$3 million, of which \$1 million has been awarded to date. This application period closes on April 9<sup>th</sup>. That program however, based upon the action

the TAC took today, will be oversubscribed. There is still \$2 million that has not yet been awarded and \$2.5 million which would remain in the unallocated budget, even if the TAC acted today to recommend that the MSRC fund the Inland Ports backup lists. In summary, if the action in this meeting was to recommend to the MSRC to fund the program as presented and make a recommendation that they also consider funding the backup lists for the Inland Ports, there would still be \$2.25 million remaining. When the Inland Ports Subcommittee was doing their math to make a recommendation, they did take into account the other Work Program categories, which are about to close, and to ensure that there was some level of funding. In the not anticipated but not impossible case where the last few programs get significantly oversubscribed within the last week or so of their being available, the MSRC could choose to entertain that under their new fiscal Work Program, which begins on July 1<sup>st</sup>.

Ms. Cardoso asked if the Last Mile Program has funding set aside already, because she didn't hear that program mentioned.

Mr. Gorski stated that the Last Mile Program has two phases. For the first phase, the MSRC did allocate \$10 million and that money is fully accounted for, so there is no issue relative to the Last Mile Program. The second phase of the Last Mile Program will look at innovative projects, which are yet to be defined. The way that program works is that phase two would begin once phase one has been initiated. We expect that to happen sometime within the next fiscal year. The money for phase two, which is currently targeted to be \$5 million, would be allocated from the next MSRC Work Program. The way the Program is staggered there's a phase one implementation which will commence sometime within the next several months. We'll let that program get underway, then phase two will be developed, but it will be well within the next Work Program when that occurs.

Ms. Ravenstein added that it may be helpful to look at the financial report in the agenda that it shows for the fiscal year 2018-21 Work Program the different amounts that have been allocated to date.

MSRC-TAC Member Steven Lee asked for clarification regarding the approximate \$19.5 million unallocated amount if it does not include awarded amounts, correct?

Mr. Gorski answered Mr. Lee by stating that he is correct, that money is in the bank, but has no identified use at this time. There were three elements which made up the \$19.5 million, \$16.6 million plus \$0.4 million and then the \$2.5 million which was repurposed from an existing MSRC program, that all adds up to approximately \$19.5 million.

ON MOTION BY MSRC-TAC MEMBER TIM OLSON AND SECONDED BY MSRC-TAC MEMBER KELLY LYNN, THE MSRC-TAC UNANIMOUSLY VOTED TO RECOMMEND TO APPROVE THE PROPOSALS AS PROPOSED BY THE MSRC-TAC SUBCOMMITTEE WITH ADDITIONAL FUNDING UNDER TRUCKING TO WAREHOUSE, DISTRIBUTION & INTERMODAL FACILITIES IN RIVERSIDE & SAN BERNARDINO COUNTIES RFP.

**ACTION:** MSRC staff will include the recommended awards on the next MSRC agenda for approval.



**OTHER BUSINESS**

No other business was introduced.

**PUBLIC COMMENTS:**

No public comment.

**ADJOURNMENT**

THERE BEING NO FURTHER BUSINESS, THE MSRC-TAC MEETING  
ADJOURNED AT 2:34 P.M.

**NEXT MEETING:** Next meeting: Thursday, April 1, 2021, 1:30 p.m.

(Minutes prepared by Maria M. Allen)

DRAFT

AGENDA ITEM #2

Summary of Final Reports by MSRC Contractors



MSRC-TAC Agenda Item No. 2

Date: August 5, 2021  
From: Ray Gorski, MSRC Technical Advisor  
Subject: Final Reports Received and Reviewed

Five (5) Final Reports were submitted for MSRC-TAC review and approval in July 2021:

- Waste Resources, Inc., Contract #MS14079 (\$100,000 - Construct Limited-Access CNG Fueling Station)
- Hacienda La Puente Unified School District, Contract #MS14083 (\$175,000 – Construct Limited-Access CNG Fueling Station)
- San Bernardino Council of Governments, Contract #MS16096 (\$450,000 – Install Electric Vehicle Charging Infrastructure)
- County Sanitation Districts of LA County, Contract #MS18124 (\$275,000 – Construct Limited-Access CNG Fueling Station)
- U.S. Venture, Contract #MS18125 (\$200,000 – Construct Limited-Access CNG Fueling Station)

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

**Contractor:** Waste Resources, Inc.  
**Contract Number:** MS14079  
**Contract Amount:** \$100,000  
**Title:** Construct Limited Access CNG Fueling Station

### Project Description & Work Performed

This project installed a new compressed natural gas (CNG) fueling station at Waste Resources' (WR) facility at 850 E. 111th Place, Los Angeles, with a three-compressor system using Sauer compressors and custom system design. The completed project has a total capacity of 288 SCFM (standard cubic feet per minute). There are 16 time-fill dispensers and one fast-fill dispenser. This station is for WR's use only and is not open to the public.

WR's collection fleet is 100% CNG and there are no public fueling stations near the facility or daily collection routes. The purpose of adding an onsite fueling station was threefold:

1. To provide a conveniently located and reliable source of CNG for WR's collection fleet.
2. To decrease emissions to and from public fueling stations that are out of the way from the facility or daily collection routes.
3. To decrease traffic congestion at public fueling stations that are often very busy.

WR worked with Fuel Solutions, Fastech, and KGC General Contractors to plan, design, and install the final fueling station and nozzles. Other entities were included when necessary for the successful completion of this project.

The initial project was designed so that only two compressors would run at a time, but the addition of more trucks to the fleet necessitated an increase in gas supply and electrical upgrades from 2019-2021, which now allows for all three compressors to run at once, cutting down on fueling time so that most of the fleet can be fueled overnight.



Picture 1. Station, looking southwest

The final design includes:

- 3 Sauer WP 4351 4-stage 75hp compressors
- Dryer
- Storage tanks for use by the fast-fill dispenser
- 16 time-fill hoses
- One fast-fill hose

All required permits were obtained, and all local and state codes were adhered to throughout the installation. The fuel system is located on a secure site and is protected by k-rails and bollards. Plans include the addition of a canopy and fencing in the future.

Construction began in earnest in May 2019, with substantial completion in September 2019. Work included earth work and new concrete, plus installation of new electrical panels, conduit, pipes, and wiring. Commissioning of the initial system was completed in January 2020. The upgraded system was completed in February 2021.

The new and completed system can fuel 16 vehicles at one time using a time-fill process and one vehicle using a fast-fill process.



Picture 2. Station, looking northeast

The project dispensed 44,049 DGE in its first four months of operation and 243,969 DGE in its first full year of operation (2020), removing an equal amount of diesel and gasoline emissions from the environment:

$$243,969 / 16 \text{ trucks} = 15,248.06 \text{ DGE/year/truck}$$

Additionally, WR has partnered with US Gain to purchase renewable natural gas for the station's use, further reducing emissions associated with the extraction and supply of traditional natural gas.

**Contractor:** Hacienda La Puente Unified School District  
**Contract Number:** MS14083  
**Contract Amount:** \$175,000  
**Title:** Construct Limited Access CNG Fueling Station

**Discussion:** The Hacienda La Puente Unified School District sought to add a “time fill” CNG station to support its (13) thirteen District owned CNG school buses. The District had previously contracted with Valley Vista Fuels, a local vendor to supply CNG for the fleet.

The CNG fueling infrastructure was built at the District’s Transportation facility located at 15959 E Gale Avenue City of Industry, CA 91716. The Transportation facility was previously equipped to provide fuel for diesel and unleaded vehicle only.

The project’s scope was to construct and install a “time fill” CNG fueling infrastructure with 24 time-fill posts and (1) one “fast-fill” dispenser with on-site storage. The time-fill system is capable of dispensing up to 200 GGE over eight hours, with all stations occupied and filling from the fueling system. Typical fill procedure will have each bus driver park their vehicle in one of the 24 CNG stalls and prepare the bus for an overnight time-fill. Not only does this take advantage of “time of use” rates for electricity by refueling when energy costs are at their lowest, but maintains efficient operation schedules for student transportation services.

HLPUSD received verbal commitments for usage of the “fast fill” options from two of our surrounding districts with a need for access to CNG fuel for their own fleet of transportation vehicles.

The new fueling infrastructure includes:

- (2) Two Natural Gas Compressors for redundancy
- (1) One Station Status Panel
- (1) One Above Ground Storage Container for “Fast Fill”
- (6) Six “Time Fill” posts with (4) four fueling hoses each for a total of 24 timefill stations

In summer 2014, the Hacienda La Puente Unified School sought and received approval from its Board of Education Trustees to add a Compressed Natural Gas Fueling infrastructure to its property located at 15959 E Gale Ave, City of Industry CA, 91716, in support of its thirteen district-owned CNG powered school buses.

Plans and designs for the work were completed in 2014. The project was taken out to publicly advertised bid 2015. The bid was awarded to Fueling and Service Technologies (FASTECH) on May 14, 2015. Upon award of the bid, FASTECH began work on completing the permit process.

The permit process for this project was subject to significant delays due to the project location and confusion about the authority having jurisdiction. The project location is within the City of Industry. The City has not acted as the permitting authority for any school projects in the past 50 years, when the District Offices were originally constructed. City staff were unsure how to proceed with approval.

Throughout this process, the District vigorously pursued the project. After considerable discussion and delay, the City asked the District to complete a revised California Environmental Quality Act

(CEQA) review process in May of 2016. The District had previously determined that the project was categorically exempt under CEQA. An initial study was completed and the necessary paperwork submitted to the City. The City accepted the project as categorically exempt on February 27, 2017.

Completion of the environmental exemption process allowed the building permit process to begin. The City contract with the County of Los Angeles for building code approval. County and City completed all necessary reviews and issued the construction permit on January 10, 2018.

Construction was completed in May of 2018. Following a ribbon cutting ceremony, the CNG station went into service May 30, 2018.



**Contractor:** San Bernardino Council of Governments  
**Contract Number:** MS16096  
**Contract Amount:** \$450,000  
**Title:** Install Electric Vehicle Charging Infrastructure

**Discussion:** The San Bernardino Council of Governments (SBCOG) submitted a proposal to the Mobile Source Air Pollution Reduction Review Committee (MSRC) under the Transportation Control Measure County Transportation Commission Partnership Program On March 1, 2016, for an Electric Vehicle Charging Infrastructure Project. Subsequently, the MSRC and SBCOG executed a contract for the project on October 27, 2016.

SBCOG initiated the Electric Vehicle Charging Infrastructure Project and sought funding in conjunction with the development of the new downtown San Bernardino Transit Center and Metrolink first mile extension, extending Metrolink service from the Santa Fe Depot to the Transit Center. In addition, SBCOG began looking at opportunities and was awarded a grant from the California Energy Commission to develop a county-wide zero emission vehicle readiness and implementation plan for the San Bernardino County region, in preparation for the growth of electric vehicles (EV) due to Governor Brown’s 2012 goals articulated in the 2014 California Statewide Plug-In Electric Vehicle Infrastructure Assessment.

SBCOG’s Electric Vehicle Charging Infrastructure Project targeted installation of EV charging stations at three (3) locations as shown below in Table 1.

**Table 1 – SBCOG Electric Vehicle Charging Project**

Location	Chargers/Ports
<b>Santa Fe Depot – Metrolink Parking Lot</b>	<ul style="list-style-type: none"> <li>● Two (2) Dual Level 2 Chargers</li> <li>● One (1) Single Americans with Disabilities Act(ADA) Van Accessible Level 2 Charger</li> </ul>
<b>Santa Fe Depot – SBCOG Parking Lot</b>	<ul style="list-style-type: none"> <li>● Two (2) Dual Level 2 Chargers</li> <li>● One (1) Single ADA Level 2 Charger</li> <li>● One (1) Single ADA Van Accessible Level 2Charger</li> <li>● Two (2) Fast Chargers</li> </ul>
<b>San Bernardino Transit Center</b>	<ul style="list-style-type: none"> <li>● Three (3) Dual Level 2 Chargers</li> <li>● One (1) Single ADA Level 2 Charger</li> <li>● One (1) Single ADA Van Accessible Level 2Charger</li> </ul>

Initially, SBCOG anticipated installing fewer chargers and ports, but requested a Scope of Work modification with the MSRC to take into consideration new ADA guidelines released in the January 1, 2017, Title 24 Building Code. The ADA guidelines outlined the number and type of accessible chargers that would be required in parking lots offering EV charging. SBCOG’s decision to accommodate the changes to



the Title 24 Building Code added five chargers and ports to the project's Scope of Work as noted in Table 1 above.

As noted earlier, SBCOG initiated the MSRC funding request in coordination with an existing planned transit project. SBCOG incorporated most of the Electric Vehicle Charging Infrastructure Project design into the plans for the transit project, but not all locations accounted for the number of EV chargers to be installed, nor did they account for the ADA chargers or EV charger manufacturer since at the time the provider was unknown. Following the MSRC's approval of the updated Scope of Work and selection of the EV charger manufacturer, SBCOG's electrical design firm revised the plans to account for the various updates to the project.

In selecting Electric Vehicle Supply Equipment (EVSE), SBCOG researched and found that the best option for procurement was to utilize the availability of contracts through the California Department of General Services, which conducted procurements for various services and products on behalf of state and local agencies. SBCTSB COGA contacted and met with several EVSE providers and decided on ChargePoint hardware for a variety of reasons. ChargePoint provides self-contained hardware systems that are durable, reliable and secure, with the ability to provide EV location mapping, real-time charging status and notifications, pricing and Payment Card Industry Data Security Standard payment options, emerging payment technologies for smart phone apps, reporting capabilities, and 24/7 live customer support for both station owner and drivers. The ChargePoint network system has the capability of accepting both credit cards and radio-frequency identification (RFID) membership cards, and also provides multi-tier payment features including the ability to assess varying fees based on time or energy used even after the vehicle has been fully charged. A unique option and major factor in SBCOG's decision to select ChargePoint is their warranty plan which offers full coverage of the unit should it malfunction; SBCOG doesn't have onsite facilities or maintenance staff to assist in maintenance and troubleshooting the EV chargers.

While the Electric Vehicle Charging Infrastructure Project plans were in process of being updated, SBCOG was able to proceed with the installation of two dual chargers, a total of four charging ports at the Santa Fe Depot – SBCOG East Parking Lot. These two charging stations were installed and operational on October 30, 2017.

After updating the Electric Vehicle Charging Infrastructure Project plans, SBCOG conducted a low-bid procurement for a construction and electrical firm to install the necessary infrastructure improvements. A contract was awarded by SBCOG's Board of Directors and the Notice to Proceed was issued on November 20, 2019. Construction was completed on March 4, 2021, with the remaining EV charging installed and SBCOG's project concluding on June 18, 2021.

Santa Fe Depot – Metrolink Parking Lot



*San Bernardino Metrolink Station dual level two chargers– Photo by Ivan Ramirez, SBCOG Management Analyst II*



*San Bernardino Metrolink Station ADA accessible single level two charger– Photo by Ivan Ramirez, SBCOG Management Analyst II*

**Contractor:** County Sanitation Districts of LA County  
**Contract Number:** MS18124  
**Contract Amount:** \$275,000  
**Title:** Construct Limited Access CNG Fueling Station

**Discussion:** LACSD own and operate the Puente Hills Material Recovery Facility (PHMRF). The PHMRF compressed natural gas (CNG) fueling station (Station) is located at 3212 Workman Mill Road in Whittier, California. This project consisted of the following scope:

1. Build a new publicly-accessible, fast-fill CNG fueling station with four hoses.
2. Install new compressors, dryer, storage, flow control and electrical equipment.
3. Provide new utility connections and services from SoCalGas and Edison.
4. Install a private time-fill station.
5. Demolish a former liquefied/compressed natural gas (L/CNG) station.

The equipment installed includes:

1. Two compressor packages with 400 HP each and 14.7 GGE/minute total capacity.
2. Dryer with single tower and manual regeneration.
3. Priority valve panel.
4. Two 3-pack storage vessels at 69,000 SCF each. With compressors, total storage is 102,000 SCF.
5. Two fast-fill dual-hose dispensers with credit card readers under one canopy.
6. Five time-fill dual-hose stanchions (10 hoses) and one flowmeter.
7. Electrical breaker/distribution panels and a fuel system control panel.

Clean Energy is the contract operator for 10 years and will maintain and monitor the equipment, market the station, supply renewable natural gas (RNG) and handle renewable credit registration, generation, and reporting. By contract, Clean Energy is obligated to supply 100% RNG for the station.

The fast-fill Station successfully opened for business on February 11, 2021, with three of four hoses operating. The fourth lane was made available on May 5, 2021, after the demolition and removal of the old L/CNG equipment and containment pit. Since opening, the Station has performed well and throughput has increased substantially. See Section 3 for details.

Station construction generally progressed smoothly; however, a few problems were encountered that contributed to delays and extra cost.

Construction plans were submitted to AHJs on February 4, 2020, and final permits weren't received until the week of August 9, 2020. Minor delays also occurred with establishing a new electrical service and in the demolition of the L/CNG equipment.

Station throughput since the grand opening is as follows (100% RNG):

<b>MONTH</b>	<b>TOTAL DISPENSED, GGE</b>
FEBRUARY 2021	17,597
MARCH 2021	51,463
APRIL 2021	57,311
MAY 2021	74,150
JUNE 2021	95,561

At the latest monthly rate, the resulting annual volume will be approximately 1,160,000 gasoline gallon equivalent (GGE). This surpasses the project goal of 374,000 GGE per year. In comparison, the former L/CNG station dispensed 315,003 GGE of CNG in 2020 and the five-year annual average ending 2020 was 227,924 GGE.



**Contractor:** U.S Gain, a Division of U.S. Venture, Inc.  
**Contract Number:** MS18125  
**Contract Amount:** \$200,000  
**Title:** Construct Limited Access CNG Fueling Station

**Discussion:** The Moreno Valley Unified School District (MVUSD) – contracted with U.S. GAIN to design, permit, construct and operate a replacement CNG Station at their Perris BLVD. facility, Moreno Valley CA. U.S. GAIN, with funding assistance from the MSRC, was successful designing and constructing a higher capacity, replacement CNG station and will operate the station on MVUSD’s behalf, ensuring outstanding station reliability, efficiency and performance.

Through collaboration between the Moreno Valley Unified School District and U.S. GAIN, the project planning team was able to thoroughly assess the school district’s bussing / fleet operational fueling needs and develop a preliminary layout that satisfied the efficiency, safety and economic requirements for the project. The City of Moreno Valley was supportive of the project and issued permits without

The Moreno Valley Unified School District property contained a small scale, non-functioning CNG fueling compressor and a limited number of time-fill hoses. U.S. Gain was able to incorporate a new compression unit, additional time fill fueling posts and hoses, and upgrade the underground gas line to serve the higher capacity natural gas demand, without impacting the District’s day-to day operational flow of the site.

U.S. GAIN procured the following equipment for the project:

- 75hp CMD CGS071 Compressor unit rated at 95 SCFM
- Xebec Gas Dryer
- (24) Dual Hose Time Fill Posts - K-Rail Mounted
- Single Hose Time Fill Posts – K-Rail Mounted
- Control, Electrical, and Communication - NEMA Rated Cabinets

In addition to the equipment that was procured, the natural gas service for the site had to be upgraded with larger distribution lines and a new meter set assembly installed by SoCal Gas.

Electrical service was provided by MVUSD’s facility, as they had sufficient capacity within the onsite grid to support the project.

Formal site construction was initiated on 7/23/2019 and the project was completed on 9/26/2019. The site construction process followed a standard U.S. GAIN project pathway and no significant issues developed during the process.

Phase 1 – Site demolition, prep work and removal of existing compressor equipment

Phase 2 – Installation of the new underground gas line, underground CNG distribution lines and equipment foundations

Phase 3 – Installation of the compressor, dryer and new time fill posts

Phase 4 – Electrical cabinet installation and tie-ins – this included installation of the E-Stop and safety systems

Phase 5 – Installation of safety signage, hoses, fencing, wheel stops

Phase 6 – Testing and Final Inspection

Phase 7 – Formal Commissioning and release of the station for use

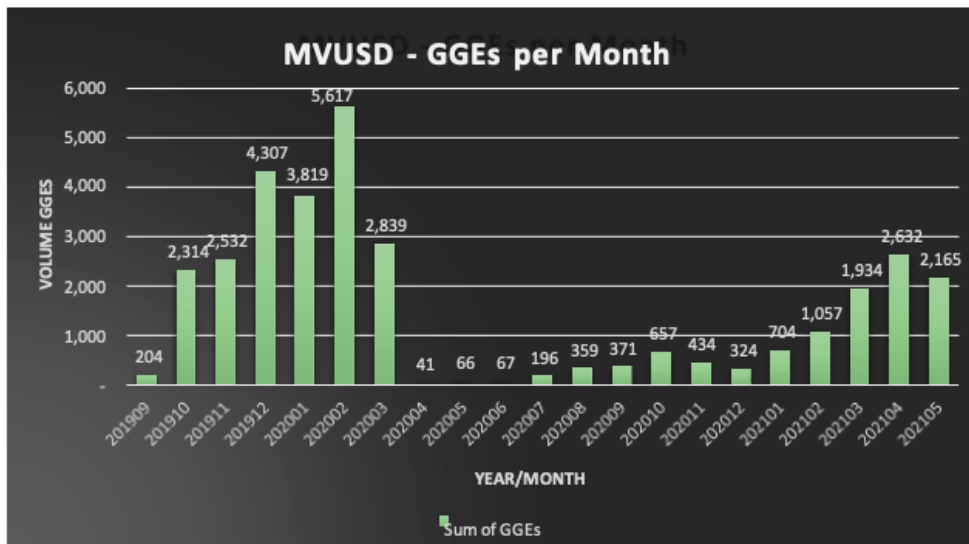
Required City inspections were performed, as needed, during the appropriate construction phase. No findings were identified during final inspection that delayed the opening of the station.

Upon completion of the project and commissioning on 9/26/2019, the station was opened for use to the MVUSD bus fleet. The district was responsible for re-training their drivers on the new CNG fueling process, safety systems and safety protocols to use the site. U.S. GAIN provided training support during the driver training period and is available 24/7 to assist in any future re-training needs.

The CND station is currently operational and is supported 24/7 by U.S. GAIN and our team of local maintenance providers. Bi-Weekly preventative maintenance is performed, and our remote call center is available 24/7/365 to offer on call support if immediate needs are identified.

To date the station has provided benefits to both the environment and community of Moreno Valley by reducing both emissions and fuel costs within the Moreno Valley Unified School District. COVID-19 did have a negative impact on the realized benefits published in this report, as the MVUSD had to suspend district operations five months after the station opened. It is our expectation that resumption of full school district activities in August 2021 will demonstrate the true benefits of the site.

To date, a total of 32,639 GGEs have been distributed through the site.



- As noted above, the COVID-19 pandemic forced school closures starting in 4/2020. We expect the station utilization to recover starting in 8/21, for the 2021-2022 school year.

AGENDA ITEM #3

MSRC Contracts Administrator's Report



MSRC-TAC Agenda Item No. 3

**DATE:** August 5, 2021

**FROM:** Cynthia Ravenstein

**SUBJECT:** AB 2766 Contracts Administrator's Report

**SYNOPSIS:** This report covers key issues addressed by MSRC staff, status of open contracts, and administrative scope changes from May 27 to July 28, 2021.

**RECOMMENDATION:** Receive and file report

**WORK PROGRAM IMPACT:** None

**Contract Execution Status**

**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 executed.

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 with the South Coast AQMD Board Chair for signature.

On April 2, 2021, the SCAQMD Governing Board approved five awards under the Zero and Near-Zero Emission Cargo Handling Equipment at Warehouse, Distribution and Intermodal Facilities in Riverside and San Bernardino Counties Program and ten awards under the Zero and Near-Zero Emission Trucking to Warehouse, Distribution and Intermodal Facilities in Riverside and San Bernardino Counties Program. These contracts are under development or undergoing internal review.

On June 4, 2021, the SCAQMD Governing Board approved an award under the Major Event Center Transportation Program. This contract is under development.



### **Work Program Status**

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

#### ***FY 2010-11 Work Program Contracts***

One contract from this work program year is open; and 4 are in “Open/Complete” status.

#### ***FY 2010-11 Invoices Paid***

No invoices were paid during this period.

#### ***FY 2011-12 Work Program Contracts***

4 contracts from this work program year are open, and 11 are in “Open/Complete” status. One contract passed into “Open/Complete” status during this period: Southern California Gas Company, Contract #MS12011 – Construct New Public Access CNG Station.

#### ***FY 2011-12 Invoices Paid***

No invoices were paid during this period.

#### ***FYs 2012-14 Work Program Contracts***

12 contracts from this work program year are open, and 23 are in “Open/Complete” status.

#### ***FYs 2012-14 Invoices Paid***

3 invoices totaling \$511,898.02 were paid during this period.

#### ***FYs 2014-16 Work Program Contracts***

30 contracts from this work program year are open, and 31 are in “Open/Complete” status. One contract passed into “Open/Complete” status during this period: City of Culver City, Contract #ML16007 – Purchase 7 Heavy-Duty Natural Gas Vehicles and Install EV Charging Infrastructure. 2 contracts closed during this period: City of Rancho Cucamonga, Contract #ML16052 – Implement Two Class I Bikeways; and City of West Covina, Contract #ML16069 – Installation of EV Charging Infrastructure.

#### ***FYs 2014-16 Invoices Paid***

7 invoices totaling \$823,199.48 were paid during this period.

#### ***FYs 2016-18 Work Program Contracts***

98 contracts from this work program year are open, and 43 are in “Open/Complete” status. 3 contracts passed into “Open/Complete” status during this period: City of Redlands, Contract #ML18039 – Purchase One Medium/Heavy-Duty ZEV and Install EV Charging Infrastructure; City of Covina, Contract #ML18156 – Purchase Four Light-Duty ZEVs and Install EV Charging Infrastructure; and El Dorado National, Contract #MS18066 – Install New Limited Access CNG Station. The City of Bell Gardens cancelled their \$50,000 contract #ML18140 for the purchase of two heavy-duty near-zero emission vehicles and the funds reverted to the AB 2766 Discretionary Fund.

12 invoices totaling \$389,131.77 were paid during this period.

***FYs 2018-21 Work Program Contracts***

5 contracts from this work program year are open.

No invoices were paid during this period.

***Administrative Scope Changes***

4 administrative scope changes were initiated during the period from May 27 to July 28, 2021:

- City of Burbank, Contract #ML18101 (Install 20 Level II EV Charging Stations) – Change specification from stations to charging ports and six-month term extension
- City of Santa Ana, Contract #ML12014 (Purchase 9 Heavy-Duty Natural Gas & LPG Trucks and Install EV Charging) – Three-month no-cost term extension
- City of Santa Ana, Contract #ML14012 (Install EV Charging and Purchase 7 Heavy-Duty LPG Vehicles) – Six-month no-cost term extension
- City of Rancho Cucamonga, Contract #ML18051 (Procure 9 Light-Duty & 2 Medium-Duty ZEVs, Install EV Charging and CNG Station) – Eliminate medium-duty ZEVs and CNG station installation, reduce light-duty ZEVs from 9 to 6, reduce charging from 11 to 8, and modify schedule

***Attachments***

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



## AB2766 Discretionary Fund Program Invoices

May 27, 2021 to July 28, 2021

Contract Admin.	MSRC Chair	MSRC Liaison	Finance	Contract #	Contractor	Invoice #	Amount
<i>2012-2014 Work Program</i>							
7/27/2021				ML14024	County of Los Angeles Department of Public Wo	SA21000046	\$230,000.00
7/1/2021	7/13/2021	7/14/2021	7/16/2021	ML14030	County of Los Angeles Internal Services Dept	MSRC14030-i	\$191,898.02
7/1/2021	7/13/2021	7/14/2021		MS14079	Waste Resources, Inc.	1	\$90,000.00
<b>Total: \$511,898.02</b>							
<i>2014-2016 Work Program</i>							
6/29/2021	7/13/2021	7/14/2021	7/16/2021	MS16121	Long Beach Transit	4	\$28,500.00
6/25/2021	7/13/2021	7/14/2021		ML16008	City of Pomona	IN010121	\$60,000.00
6/2/2021	6/4/2021	6/9/2021		ML16046	City of El Monte	67-000192	\$14,637.50
5/28/2021	6/4/2021	6/9/2021	6/10/2021	MS16121	Long Beach Transit	3	\$99,750.00
6/16/2021	6/18/2021	6/18/2021		MS16086	San Bernardino County Transportation Authority	10	\$80,311.98
7/14/2021				MS16096	San Bernardino County Transportation Authority	1-Final	\$450,000.00
6/4/2021	6/18/2021	6/22/2021	7/6/2021	ML16070	City of Beverly Hills	FINAL	\$90,000.00
<b>Total: \$823,199.48</b>							
<i>2016-2018 Work Program</i>							
6/24/2021	7/13/2021	7/14/2021	7/16/2021	ML18157	City of Los Angeles Bureau of Street Services	21-0084 / FIN	\$85,000.00
7/15/2021				ML18051	City of Rancho Cucamonga	AR130721	\$30,000.00
6/8/2021	6/18/2021	6/22/2021		MS18003	Geographics	21-22458	\$132.00
5/28/2021	6/4/2021	6/9/2021	6/10/2021	ML18078	County of Riverside	6	\$25,000.00
6/8/2021	6/18/2021	6/22/2021		MS18003	Geographics	21-22450	\$373.00
7/8/2021	7/13/2021	7/15/2021		ML18090	City of Santa Clarita	1-Final	\$118,978.52
7/8/2021	7/13/2021	7/15/2021		ML18128	City of Aliso Viejo	1-Final	\$65,389.56
6/10/2021	6/18/2021	6/22/2021	7/7/2021	ML18039	City of Redlands	FINAL	\$63,190.33
7/2/2021	7/13/2021	7/15/2021		MS18003	Geographics	21-22459	\$167.36
7/8/2021	7/13/2021	7/15/2021		MS18003	Geographics	21-22485	\$495.00
7/2/2021	7/13/2021	7/15/2021		MS18003	Geographics	21-22484	\$33.00
7/2/2021	7/13/2021	7/15/2021		MS18003	Geographics	21-22483	\$373.00
<b>Total: \$389,131.77</b>							
<i>2018-2021 Work Program</i>							

<b>Contract Admin.</b>	<b>MSRC Chair</b>	<b>MSRC Liaison</b>	<b>Finance</b>	<b>Contract #</b>	<b>Contractor</b>	<b>Invoice #</b>	<b>Amount</b>
6/8/2021	6/18/2021	6/22/2021		MS21002	Better World Group Advisors	WG-MSRC15	\$3,909.00
6/17/2021	6/18/2021	6/22/2021		MS21003	Orange County Transportation Authority	FA142264	\$241,150.48
7/1/2021	7/13/2021	7/15/2021		MS21002	Better World Group Advisors	WG-MSRC1	\$1,857.35

**Total: \$246,916.83**

**Total This Period: \$1,971,146.10**



## FYs 2008-09 Through 2018-21 AB2766 Contract Status Report

7/28/2021

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
<b>FY 2008-2009 Contracts</b>									
<b>Declined/Cancelled Contracts</b>									
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
<b>Total: 10</b>									
<b>Closed Contracts</b>									
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
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

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

**Total: 29**

**Closed/Incomplete Contracts**

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

**Total: 1**

**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
---------	--------------------------------------	----------	----------	-----------	--------------	--------------	---------------------------------------	--------	-----

**Total: 1**

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
<b>FY 2010-2011 Contracts</b>									
<b>Open Contracts</b>									
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
<b>Total: 1</b>									
<b>Declined/Cancelled Contracts</b>									
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
<b>Total: 22</b>									
<b>Closed Contracts</b>									
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
ML11036	City of Riverside	1/27/2012	1/26/2019	3/26/2021	\$670,000.00	\$670,000.00	Install New CNG Station, Purchase 9 H.D. N	\$0.00	Yes
ML11037	City of Anaheim	12/22/2012	12/21/2019		\$300,000.00	\$300,000.00	Purchase 12 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11039	City of Ontario, Housing & Municipal	1/27/2012	9/26/2018		\$180,000.00	\$180,000.00	Purchase 6 Nat. Gas H.D. Vehicles	\$0.00	Yes
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
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
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
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



Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS11065	Temecula Valley Unified School Distr	8/11/2012	1/10/2019		\$50,000.00	\$48,539.62	Expansion of Existing CNG Station	\$1,460.38	Yes
MS11066	Torrance Unified School District	11/19/2012	9/18/2018		\$42,296.00	\$42,296.00	Expansion of Existing CNG Station	\$0.00	Yes
MS11067	City of Redlands	5/24/2012	11/23/2018	11/23/2019	\$85,000.00	\$85,000.00	Expansion of Existing CNG Station	\$0.00	Yes
MS11068	Ryder System Inc.	7/28/2012	10/27/2018		\$175,000.00	\$175,000.00	New Public Access L/CNG Station (Fontana)	\$0.00	Yes
MS11069	Ryder System Inc.	7/28/2012	8/27/2018		\$175,000.00	\$175,000.00	New Public Access L/CNG Station (Orange)	\$0.00	Yes
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
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	Yes

**Total: 56**

**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
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

**Total: 6**

**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
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
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: 4**

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

## FY 2011-2012 Contracts

### Open Contracts

ML12014	City of Santa Ana	11/8/2013	8/7/2020	8/7/2021	\$338,000.00	\$4,709.00	9 H.D. Nat. Gas & LPG Trucks, EV Charging	\$333,291.00	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
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	12/30/2021	\$100,000.00	\$34,759.94	EV Charging Infrastructure	\$65,240.06	No

**Total: 4**

### Declined/Cancelled Contracts

ML12016	City of Cathedral City	1/4/2013	10/3/2019		\$60,000.00	\$0.00	CNG Vehicle & Electric Vehicle Infrastructure	\$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-Access CNG Station	\$100,000.00	No
MS12027	C.V. Ice Company, Inc.	5/17/2013	11/16/2019		\$75,000.00	\$0.00	Purchase 3 Medium-Heavy Duty Vehicles	\$75,000.00	No
MS12030	Complete Landscape Care, Inc.				\$150,000.00	\$0.00	Purchase 6 Medium-Heavy Duty Vehicles	\$150,000.00	No
MS12067	Leatherwood Construction, Inc.	11/8/2013	3/7/2017		\$122,719.00	\$0.00	Retrofit Six Vehicles w/DECS - Showcase III	\$122,719.00	No
MS12070	Valley Music Travel/CID Entertainme				\$99,000.00	\$0.00	Implement Shuttle Service to Coachella 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
ML12046	City of Irvine	8/11/2013	3/10/2021		\$30,000.00	\$30,000.00	One Heavy-Duty Nat. Gas Vehicle	\$0.00	Yes
ML12047	City of Orange	2/1/2013	1/31/2019		\$30,000.00	\$30,000.00	One Heavy-Duty Nat. Gas Vehicle	\$0.00	Yes
ML12049	City of Rialto Public Works	7/14/2014	9/13/2015		\$30,432.00	\$3,265.29	EV Charging Infrastructure	\$27,166.71	Yes
ML12050	City of Baldwin Park	4/25/2013	4/24/2014	10/24/2014	\$402,400.00	\$385,363.00	EV Charging Infrastructure	\$17,037.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML12054	City of Palm Desert	9/30/2013	2/28/2015		\$77,385.00	\$77,385.00	EV Charging Infrastructure	\$0.00	Yes
ML12055	City of Manhattan Beach	3/1/2013	12/31/2018		\$10,000.00	\$10,000.00	One Medium-Duty Nat. Gas Vehicle	\$0.00	Yes
ML12056	City of Cathedral City	3/26/2013	5/25/2014		\$25,000.00	\$25,000.00	Regional Street Sweeping Program	\$0.00	Yes
ML12066	City of Manhattan Beach	1/7/2014	4/6/2015		\$5,900.00	\$5,900.00	Electric Vehicle Charging Infrastructure	\$0.00	Yes
MS12001	Los Angeles County MTA	7/1/2012	4/30/2013		\$300,000.00	\$211,170.00	Clean Fuel Transit Service to Dodger Stadium	\$88,830.00	Yes
MS12002	Orange County Transportation Authority	9/7/2012	4/30/2013		\$342,340.00	\$333,185.13	Express Bus Service to Orange County Fair	\$9,154.87	Yes
MS12003	Orange County Transportation Authority	7/20/2012	2/28/2013		\$234,669.00	\$167,665.12	Implement Metrolink Service to Angel Stadium	\$67,003.88	Yes
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
MS12008	Bonita Unified School District	7/12/2013	12/11/2019	4/11/2021	\$175,000.00	\$175,000.00	Construct New Limited-Access CNG Station	\$0.00	Yes
MS12009	Sysco Food Services of Los Angeles	1/7/2014	4/6/2020		\$150,000.00	\$150,000.00	Construct New Public-Access LNG Station	\$0.00	Yes
MS12010	Murrieta Valley Unified School District	4/5/2013	9/4/2019		\$242,786.00	\$242,786.00	Construct New Limited-Access CNG Station	\$0.00	Yes
MS12011	Southern California Gas Company	6/14/2013	6/13/2019	5/28/2021	\$150,000.00	\$150,000.00	Construct New Public-Access CNG Station -	\$0.00	Yes
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	Yes
MS12061	Orange County Transportation Authority	3/14/2014	3/13/2017		\$224,000.00	\$114,240.00	Transit-Oriented Bicycle Sharing Program	\$109,760.00	Yes
MS12062	Fraser Communications	12/7/2012	5/31/2014		\$998,669.00	\$989,218.49	Develop & Implement "Rideshare Thursday"	\$9,450.51	Yes
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS12074	Arcadia Unified School District	7/5/2013	9/4/2019		\$175,000.00	\$175,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS12076	City of Ontario, Housing & Municipal	3/8/2013	4/7/2015		\$75,000.00	\$75,000.00	Maintenance Facilities Modification	\$0.00	Yes
MS12078	Penske Truck Leasing Co., L.P.	1/7/2014	1/6/2016		\$75,000.00	\$73,107.00	Maintenance Facility Modifications - Vernon	\$1,893.00	Yes
MS12081	Penske Truck Leasing Co., L.P.	1/7/2014	1/6/2016		\$75,000.00	\$75,000.00	Maintenance Facility Modifications - Santa A	\$0.00	Yes
MS12085	Bear Valley Unified School District	4/25/2013	6/24/2014		\$75,000.00	\$75,000.00	Maintenance Facility Modifications	\$0.00	Yes
MS12086	SuperShuttle International, Inc.	3/26/2013	3/25/2019		\$225,000.00	\$225,000.00	Purchase 23 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12087	Los Angeles County MTA	8/29/2013	11/28/2015		\$125,000.00	\$125,000.00	Implement Rideshare Incentives Program	\$0.00	Yes
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	Yes
MS12Hom	Mansfield Gas Equipment Systems				\$296,000.00	\$0.00	Home Refueling Apparatus Incentive Progra	\$296,000.00	Yes

**Total: 61**

**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
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	Yes
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	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	Yes
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	Yes
MS12075	CR&R Incorporated	7/27/2013	1/26/2021	1/26/2022	\$100,000.00	\$100,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
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: 11**

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

## FY 2012-2014 Contracts

### Open Contracts

ML14012	City of Santa Ana	2/13/2015	10/12/2021		\$244,000.00	\$0.00	EV Charging and 7 H.D. LPG Vehicles	\$244,000.00	No
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
ML14024	County of Los Angeles Department o	10/2/2015	9/1/2017	9/1/2021	\$230,000.00	\$230,000.00	Maintenance Fac. Modifications-Baldwin Par	\$0.00	Yes
ML14027	County of Los Angeles Dept of Public	10/2/2015	5/1/2023	12/1/2025	\$492,000.00	\$0.00	Construct New CNG Station in Canyon Coun	\$492,000.00	No
ML14030	County of Los Angeles Internal Servi	1/9/2015	3/8/2018	7/30/2021	\$425,000.00	\$216,898.02	Bicycle Racks, Outreach & Education	\$208,101.98	No
ML14072	City of Cathedral City	8/13/2014	1/12/2021	7/12/2022	\$41,000.00	\$35,089.03	Install Bicycle Racks & Implement Bicycle E	\$5,910.97	No
ML14097	County of Los Angeles Internal Servi	9/6/2019	9/5/2020	9/5/2021	\$104,400.00	\$78,750.59	Electric Vehicle Charging Infrastructure	\$25,649.41	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	\$899,594.08	Implement Various Signal Synchronization P	\$350,405.92	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	\$90,000.00	New Limited Access CNG Station	\$10,000.00	No
MS14083	Hacienda La Puente Unified School	7/10/2015	3/9/2022		\$175,000.00	\$175,000.00	New Limited Access CNG Station	\$0.00	No

**Total: 12**

### 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
ML14069	City of Beaumont	3/3/2017	3/2/2025		\$200,000.00	\$0.00	Construct New CNG Infrastructure	\$200,000.00	No
MS14035	Penske Truck Leasing Co., L.P.				\$75,000.00	\$0.00	Vehicle Maint. Fac. Modifications - Sun Valle	\$75,000.00	No
MS14036	Penske Truck Leasing Co., L.P.				\$75,000.00	\$0.00	Vehicle Maint. Fac. Modifications - La 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: 11**

### 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
ML14023	County of Los Angeles Department o	10/2/2015	9/1/2017	3/1/2021	\$230,000.00	\$230,000.00	Maintenance Fac. Modifications-Westcheste	\$0.00	Yes
ML14029	City of Irvine	7/11/2014	6/10/2017		\$90,500.00	\$71,056.78	Bicycle Trail Improvements	\$19,443.22	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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
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
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
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
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	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
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
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
MS14074	Midway City Sanitary District	1/9/2015	3/8/2021		\$250,000.00	\$250,000.00	Limited-Access CNG Station & Facility Modif	\$0.00	Yes
MS14077	County Sanitation Districts of L.A. Co	3/6/2015	5/5/2021		\$175,000.00	\$175,000.00	New Limited Access CNG Station	\$0.00	Yes
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
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
<b>Total: 44</b>									
<b>Closed/Incomplete Contracts</b>									
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
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
<b>Total: 6</b>									
<b>Open/Complete Contracts</b>									
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
ML14018	City of Los Angeles Dept of General	3/6/2015	9/5/2021	2/5/2026	\$810,000.00	\$810,000.00	Purchase 27 H.D. Nat. Gas Vehicles	\$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
ML14032	City of Rancho Cucamonga	1/9/2015	1/8/2022		\$113,990.00	\$104,350.63	Expansion of Existing CNG Infrs., 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
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
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
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	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
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	Yes
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	Yes
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
<b>Total: 23</b>									



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
ML16008	City of Pomona	9/20/2016	11/19/2022	5/19/2025	\$60,000.00	\$60,000.00	Purchase 3 Medium-Duty and 1 Heavy-Duty	\$0.00	No
ML16010	City of Fullerton	10/7/2016	4/6/2023	4/6/2024	\$78,222.00	\$27,896.71	Install EV Charging Stations	\$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	9/4/2027	\$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
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	4/2/2024	\$20,000.00	\$0.00	Install EV Charging Infrastructure	\$20,000.00	No
ML16046	City of El Monte	4/1/2016	5/31/2021	5/31/2023	\$20,160.00	\$14,637.50	Install EV Charging Infrastructure	\$5,522.50	No
ML16047	City of Fontana	1/6/2017	8/5/2019	8/5/2022	\$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
ML16057	City of Yucaipa	4/27/2016	1/26/2019	1/26/2022	\$380,000.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$380,000.00	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	2/26/2022	\$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	\$653,998.86	Freeway Service Patrols	\$146,626.14	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	\$450,000.00	EV Charging Infrastructure	\$0.00	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
MS16120	Omnitrans	4/7/2017	5/6/2025		\$945,000.00	\$299,250.00	Repower 63 Existing Buses	\$645,750.00	No
MS16121	Long Beach Transit	11/3/2017	4/2/2024	11/30/2026	\$600,000.00	\$156,750.00	Repower 39 and Purchase 1 New Transit Bu	\$443,250.00	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

**Total: 30**

### Pending Execution Contracts

MS16127	Los Angeles County MTA				\$2,500,000.00	\$0.00	Expansion of the Willowbrook/Rosa Parks Tr	\$2,500,000.00	No
---------	------------------------	--	--	--	----------------	--------	--	----------------	----

**Total: 1**



Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
<b>Declined/Cancelled Contracts</b>									
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
<b>Total: 13</b>									
<b>Closed Contracts</b>									
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	Yes
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	Yes
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
ML16032	City of Azusa	9/9/2016	4/8/2019	4/8/2021	\$474,925.00	\$474,925.00	Implement a "Complete Streets" Pedestrian	\$0.00	No
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
ML16036	City of Brea	3/4/2016	12/3/2018		\$500,000.00	\$500,000.00	Install a Class 1 Bikeway	\$0.00	Yes
ML16042	City of San Dimas	4/1/2016	12/31/2019	12/31/2021	\$55,000.00	\$55,000.00	Install EV Charging Infrastructure	\$0.00	No
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
ML16052	City of Rancho Cucamonga	9/3/2016	11/2/2019	3/31/2021	\$315,576.00	\$305,576.00	Install Two Class 1 Bikeways	\$10,000.00	No
ML16053	City of Claremont	3/11/2016	7/10/2018	12/10/2020	\$498,750.00	\$498,750.00	Implement a "Complete Streets" Pedestrian	\$0.00	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
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

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

**Total: 45**

**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
ML16035	City of Wildomar	4/1/2016	11/1/2017		\$500,000.00	\$0.00	Install Bicycle Lanes	\$500,000.00	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
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
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: 5**

**Open/Complete Contracts**

ML16007	City of Culver City Transportation De	10/6/2015	4/5/2023		\$246,000.00	\$246,000.00	Purchase 7 H.D. Nat. Gas Vehicles, EV Cha	\$0.00	No
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
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	Yes
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	Yes
ML16059	City of Burbank	4/1/2016	2/28/2022		\$180,000.00	\$180,000.00	Purchase 6 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML16063	City of Glendora	3/4/2016	4/3/2022		\$30,000.00	\$30,000.00	Purchase One H.D. Nat. Gas Vehicle	\$0.00	Yes
ML16070	City of Beverly Hills	2/21/2017	6/20/2023		\$90,000.00	\$90,000.00	Purchase 3 H.D. Nat. Gas Vehicles	\$0.00	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	Yes
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	Yes
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	Yes

**Total: 31**

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	11/6/2026	\$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 Stations	\$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
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	\$30,000.00	Purchase 9 Light-Duty ZEVs, 2 Med-Duty ZE	\$197,040.00	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	\$140,291.13	Install EV Charging Stations	\$481,928.87	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 Medium-Duty ZEV and EV Chargin	\$94,624.00	No
ML18059	City of Glendale Water & Power	2/1/2019	7/31/2026		\$260,500.00	\$0.00	Install Electric Vehicle Charging Infrastructur	\$260,500.00	No
ML18060	County of Los Angeles Internal Servi	10/5/2018	8/4/2026		\$1,367,610.00	\$599,306.31	Purchase 29 Light-Duty Zero Emission Vehic	\$768,303.69	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	4/28/2028	\$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	Install 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	\$250,000.00	Purchase 17 Heavy-Duty Vehicles	\$175,000.00	No
ML18080	City of Santa Monica	1/10/2019	12/9/2023	7/9/2025	\$121,500.00	\$14,748.62	Install EV Charging Stations	\$106,751.38	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
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	\$118,978.52	Install Nine EV Charging Stations	\$3,021.48	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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	\$20,000.00	Procure Two Light-Duty ZEVs and Install EV	\$30,000.00	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
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	3/31/2025	\$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
ML18128	City of Aliso Viejo	8/30/2019	11/29/2023		\$65,460.00	\$65,389.56	Purchase Two Light-Duty ZEVs and Install S	\$70.44	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	\$106,480.00	Install Twenty-One EVSEs	\$0.00	No
ML18132	City of Montclair	4/5/2019	9/4/2023		\$40,000.00	\$0.00	Install Eight EVSEs	\$40,000.00	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	\$40,000.00	Purchase Four Light-Duty ZEVs and Install	\$2,500.00	No
ML18137	City of Wildomar	3/1/2019	5/31/2021	12/1/2022	\$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
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
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 Emissi	\$108,990.00	No
ML18157	City of Los Angeles Bureau of Street	6/21/2019	5/20/2027		\$85,000.00	\$85,000.00	Purchase One Medium-Duty ZEV	\$0.00	No
ML18159	City of Rialto	12/13/2019	5/12/2024		\$135,980.00	\$0.00	Purchase Nine Light-Duty ZEVs and EV Cha	\$135,980.00	No
ML18161	City of Indio	5/3/2019	10/2/2025		\$50,000.00	\$10,000.00	Purchase 1 Light-Duty Zero Emission, 1 Hea	\$40,000.00	No
ML18163	City of San Clemente	3/8/2019	12/7/2024	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
ML18166	City of Placentia	2/18/2021	5/17/2027		\$25,000.00	\$0.00	Purchase One Heavy-Duty Near-Zero Emissi	\$25,000.00	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	\$111,980.00	Install EV Charging Infrastructure	\$0.00	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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
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	11/30/2026	\$25,000.00	\$0.00	Purchase One Heavy-Duty Near-Zero Emissi	\$25,000.00	No
MS18002	Southern California Association of G	6/9/2017	11/30/2018	12/30/2021	\$2,500,000.00	\$886,787.98	Regional Active Transportation Partnership	\$1,613,212.02	No
MS18003	Geographics	2/21/2017	2/20/2021	6/20/2021	\$72,453.00	\$65,521.32	Design, Host and Maintain MSRC Website	\$6,931.68	No
MS18015	Southern California Association of G	7/13/2018	2/28/2021	8/31/2022	\$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	12/27/2022	\$500,000.00	\$285,073.44	Weekend Freeway Service Patrols	\$214,926.56	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
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	\$1,996,473.93	Implement Metrolink Line Fare Discount Pro	\$3,526.07	No
MS18073	Los Angeles County MTA	1/10/2019	2/9/2026		\$2,000,000.00	\$2,000,000.00	Purchase 40 Zero-Emission Transit Buses	\$0.00	No
MS18104	Orange County Transportation Autho	2/21/2020	3/31/2021	3/31/2022	\$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
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	\$240,000.00	Expansion of Existing CNG Infrastructure/Me	\$0.00	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
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	\$200,000.00	Install New Limited-Access CNG Infrastructu	\$0.00	No
MS18175	Regents of the University of Californi	6/7/2019	8/6/2025	8/6/2026	\$1,000,000.00	\$0.00	Expansion of Existing Hydrogen Station	\$1,000,000.00	No

**Total: 98**

**Pending Execution Contracts**

ML18148	City of San Dimas				\$50,000.00	\$0.00	Implement Bike Share Program	\$50,000.00	No
ML18179	City of Rancho Mirage				\$50,000.00	\$0.00	Traffic Signal Synchronization	\$50,000.00	No
MS18180	Omnitrans				\$83,000.00	\$0.00	Modify Vehicle Maintenance Facility and Trai	\$83,000.00	No

**Total: 3**

**Declined/Cancelled Contracts**

ML18075	City of Orange				\$25,000.00	\$0.00	One Heavy-Duty Vehicle	\$25,000.00	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
ML18149	City of Sierra Madre				\$50,000.00	\$0.00	Implement Bike Share Program	\$50,000.00	No



Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML18150	City of South El Monte				\$20,000.00	\$0.00	Implement Bike Share Program	\$20,000.00	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
ML18158	City of Inglewood				\$146,000.00	\$0.00	Purchase 4 Light-Duty Zero Emission, 4 Hea	\$146,000.00	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
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
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
MS18121	City of Montebello				\$70,408.00	\$0.00	Expansion of Existing CNG Infrastructure	\$70,408.00	No

**Total: 18**

**Closed Contracts**

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
ML18126	City of Lomita	12/7/2018	1/6/2020		\$26,500.00	\$13,279.56	Install bicycle racks and lanes	\$13,220.44	Yes
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	Yes
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	Yes
MS18008	Foothill Transit	1/12/2018	3/31/2019		\$100,000.00	\$99,406.61	Special Transit Service to LA County Fair	\$593.39	Yes
MS18010	Southern California Regional Rail 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
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
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: 15**

**Closed/Incomplete Contracts**

ML18133	City of Rancho Mirage	12/7/2018	11/6/2020		\$50,000.00	\$0.00	Traffic Signal Synchronization	\$50,000.00	No
MS18026	Omnitrans	10/5/2018	1/4/2020		\$83,000.00	\$0.00	Modify Vehicle Maintenance Facility and Trai	\$83,000.00	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
<b>Total: 2</b>									
<b>Open/Complete Contracts</b>									
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
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	Yes
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
ML18039	City of Redlands	6/28/2018	7/27/2024	1/27/2025	\$87,000.00	\$63,190.33	Purchase 1 Medium/Heavy-Duty ZEV and In	\$23,809.67	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	Yes
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	Yes
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	Yes
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	Yes
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 Infras	\$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
ML18081	City of Beaumont	10/5/2018	10/4/2022	10/4/2025	\$31,870.00	\$31,870.00	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
ML18095	City of Gardena	11/9/2018	12/8/2024		\$25,000.00	\$25,000.00	Purchase Heavy-Duty Near-ZEV	\$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	Yes
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
ML18143	City of La Habra	10/18/2019	9/17/2025	9/17/2027	\$80,700.00	\$80,700.00	Install Two EV Charging Stations	\$0.00	Yes
ML18154	City of Hemet	11/22/2019	9/21/2023	3/21/2024	\$30,000.00	\$30,000.00	Purchase Two Light-Duty ZEVs and EV Char	\$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	Yes
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	Yes



Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML18160	City of Irwindale	3/29/2019	12/28/2022		\$14,263.00	\$14,263.00	Purchase Two Light-Duty ZEVs	\$0.00	Yes
ML18162	City of Costa Mesa	1/10/2020	7/9/2026		\$148,210.00	\$148,210.00	Purchase Three Light-Duty ZEVs and EV Ch	\$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
ML18176	City of Coachella	3/1/2019	11/30/2024		\$58,020.00	\$58,020.00	Install EV Charging Stations	\$0.00	Yes
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
MS18066	El Dorado National	12/6/2019	2/5/2026		\$100,000.00	\$100,000.00	Install 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
<b>Total: 43</b>									

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

## FY 2018-2021 Contracts

### Open Contracts

MS21002	Better World Group Advisors	11/1/2019	12/31/2022		\$265,079.00	\$96,873.80	Programmatic Outreach Services	\$168,205.20	No
MS21003	Orange County Transportation Autho	7/8/2020	5/31/2021		\$468,298.00	\$241,150.48	Provide Express Bus Service to the Orange	\$227,147.52	No
MS21004	Los Angeles County MTA	1/7/2021	5/31/2023		\$2,188,899.00	\$0.00	Clean Fuel Bus Service to Dodger Stadium	\$2,188,899.00	No
MS21005	Southern California Association of G	5/5/2021	1/31/2024		\$10,000,000.00	\$0.00	Implement Last Mile Goods Movement Progr	\$10,000,000.00	No
MS21006	Geographics	4/1/2021	6/20/2023		\$12,952.00	\$0.00	Hosting & Maintenance of the MSRC Websit	\$12,952.00	No

**Total: 5**

### Pending Execution Contracts

MS21007	Penske Truck Leasing Co., L.P.				\$1,160,000.00	\$0.00	Deploy 5 Zero-Emission Yard Tractors and C	\$1,160,000.00	No
MS21008	CMA CGM (America) LLC				\$3,000,000.00	\$0.00	Deploy 2 Zero-Emission Rubber Tire Gantry	\$3,000,000.00	No
MS21009	ITS Technologies & Logistics, LLC				\$3,000,000.00	\$0.00	Deploy 12 Zero-Emission Yard Tractors and	\$3,000,000.00	No
MS21010	MHX Leasing, LLC				\$569,275.00	\$0.00	Deploy One Zero-Emission Overhead Crane	\$569,275.00	No
MS21011	RDS Logistics Group				\$808,500.00	\$0.00	Deploy 3 Zero-Emission Yard Tractors and C	\$808,500.00	No
MS21012	Amazon Logistics, Inc.				\$4,157,710.00	\$0.00	Deploy up to 10 Zero-Emission and 100 Nea	\$4,157,710.00	No
MS21013	4 Gen Logistics				\$7,000,000.00	\$0.00	Deploy 40 Zero Emssions Trucks	\$7,000,000.00	No
MS21014	Green Fleet Systems, LLC				\$500,000.00	\$0.00	Deploy up to 5 Near Zero Emission Trucks	\$500,000.00	No
MS21015	Premium Transportation Services, In				\$1,500,000.00	\$0.00	Deploy up to 15 Near-Zero Emissions Trucks	\$1,500,000.00	No
MS21016	Ryder System, Inc.				\$3,169,746.00	\$0.00	Procure Two Integrated Power Centers and	\$3,169,746.00	No
MS21017	MHX Leasing, LLC				\$1,900,000.00	\$0.00	Deploy up to 10 Zero-Emission Trucks & Infr	\$1,900,000.00	No
MS21018	Pac Anchor Transportation, Inc.				\$2,300,000.00	\$0.00	Deploy up to 23 Near Zero Emission Trucks	\$2,300,000.00	No
MS21019	Volvo Financial Services				\$3,930,270.00	\$0.00	Lease up to 14 Zero-Emission Trucks and Pr	\$3,930,270.00	No
MS21021	CMA CGM (America) LLC				\$1,946,463.00	\$0.00	Deploy up to 13 Near Zero Emission Trucks	\$1,946,463.00	No
MS21022	Orange County Transportation Autho				\$289,054.00	\$0.00	Implement Special Transit Service to the Ora	\$289,054.00	No

**Total: 15**

### Declined/Cancelled Contracts

MS21020	Sea-Logix, LLC				\$2,300,000.00	\$0.00	Deploy up to 23 Near-Zero Emssions Trucks	\$2,300,000.00	No
---------	----------------	--	--	--	----------------	--------	---	----------------	----

**Total: 1**

### Closed 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	Yes
---------	------------------------	-----------	-----------	--	----------------	--------------	---	--------------	-----

**Total: 1**



7/28/2021

## 2010-11 Subvention Fund Match Program Progress Reports

Cont#	Contractor	Start Date	Original	Amended	Reporting	Jan '21	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
			End Date	End Date										
<b>Open Contracts</b>														
ML11029	City of Santa Ana	09/07/12	03/06/20	03/06/23	Quarterly	WL		WL	WL			WL		
Total 1														



7/28/2021

## 2011-12 Subvention Fund Match Program Progress Reports

Cont#	Contractor	Start Date	Original End Date	Amended End Date	Reporting	Jan '21	Feb	Mar	Apr	May	Jun	Jul	Aug
<b>Open Contracts</b>													
ML12014	City of Santa Ana	11/08/13	08/07/20	08/07/21	Quarterly	WL		WL				07/13/21	
ML12045	City of Baldwin Park DPW	02/14/14	12/13/20	06/13/25	Quarterly	WL	Project Complete		WL		WL	07/08/21	
ML12090	City of Palm Springs	10/09/15	10/08/21	09/08/25	Quarterly	02/09/21			05/20/21				
ML12091	City of Bellflower	10/05/18	10/04/19	12/30/21	Quarterly				04/21/21			WL	

**Total 4**



7/28/2021

## 2012-14 Subvention Fund Match Program Progress Reports

Cont#	Contractor	Start Date	Original End Date	Amended End Date	Reporting	Jan'21	Feb	Mar	Apr	May	Jun	Jul	Aug
<b>Open Contracts</b>													
ML14012	City of Santa Ana	06/13/15	10/12/21		Quarterly	WL		WL	WL			07/13/21	
ML14021	Riverside County Regional Park	07/24/14	12/23/16	09/30/24	Quarterly	WL			WL			WL	
ML14024	County of LA Dept of Public Works	10/02/15	09/01/17	09/01/21	Quarterly				04/15/21			FR Rec'd	
ML14027	County of LA Dept of Public Works	10/02/15	05/01/23	12/01/25	Quarterly				04/22/21			WL	
ML14030	County of LA Internal Services Dept	01/09/15	03/08/18	07/30/21	Quarterly	WL			WL	Working on FR	FR Rec'd		
ML14072	City of Cathedral City	08/13/14	01/12/21	07/12/22	Quarterly	01/22/21			04/30/21				
ML14097	County of LA Internal Services Dept	09/06/19	09/05/20	09/05/21	Quarterly	01/26/21		04/29/21			07/09/21		
<b>Total 7</b>													



7/28/2021

## 2012-14 AB2766 Contract Progress

Cont#	Contractor	Start Date	Original	Amended	Reporting	Jan '21	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
			End Date	End Date										
<b>Open Contracts</b>														
MS14057	Los Angeles County MTA	11/07/14	10/06/19	10/06/23	Quarterly					WL				
MS14059	Riverside County Transportation Commission	09/05/14	03/04/18	03/04/22	Quarterly				02/09/21					
MS14072	San Bernardino Associated Governments	03/27/15	03/26/18	03/26/22	Quarterly			05/13/21						
MS14079	Waste Resources, Inc.	09/14/16	08/13/22	02/13/24	Quarterly					WL	FR Rec'd			
MS14083	Hacienda La Puente Unified School District (Ia)	07/10/15	03/09/22		Quarterly	WL					FR Rec'd			
<b>Total: 5</b>														

### 2014-16 AB2766 Contract Progress Reports

Cont#	Contractor	Start Date	Original End Date	Amended End Date	Reporting	Jan '21	Feb	Mar	Apr	May	Jun	Jul	Aug
<b>Open Contracts</b>													
ML16006	City of Cathedral City	04/27/16	04/26/22		Quarterly	01/22/21			04/30/21				
ML16008	City of Pomona	09/20/16	11/19/22	05/19/25	Quarterly			WL	FR Rec'd				
ML16010	City of Fullerton	10/07/16	04/06/23	04/06/24	Quarterly	WL			WL				
ML16017	City of Long Beach	02/05/16	08/04/23	01/04/26	Quarterly						07/21/21		
ML16018	City of Hermosa Beach	10/07/16	01/06/23		Quarterly			WL					
ML16022	Los Angeles Department of Water and Power	05/05/17	03/04/24	09/04/27	Quarterly			03/04/21			06/04/21		
ML16025	City of South Pasadena	06/22/16	04/21/23	10/21/24	Quarterly				WL				
ML16038	City of Palm Springs	04/01/16	07/31/22	09/30/22	Quarterly	WL							
ML16039	City of Torrance Transit Department	01/06/17	09/05/22	09/05/23	Quarterly			03/16/21					
ML16040	City of Eastvale	01/06/17	07/05/22	07/05/24	Quarterly								
ML16041	City of Moreno Valley	09/03/16	01/02/21	04/02/24	Quarterly	Project Complete				FR Rec'd			
ML16046	City of El Monte	04/01/16	05/31/21	05/31/23	Quarterly								
ML16047	City of Fontana	01/06/17	08/05/19	08/05/22	Quarterly			04/01/21					
ML16048	City of Placentia	03/26/16	05/25/21	06/25/22	Quarterly								
ML16057	City of Yucaipa	04/27/16	01/26/19	01/26/21	Quarterly			05/05/21					
ML16071	City of Highland	05/05/17	01/04/20	01/04/22	Quarterly				04/22/21				
ML16075	City of San Fernando	10/27/16	02/26/19	02/26/22	Quarterly			05/07/21					
ML16077	City of Rialto	05/03/18	10/02/21	02/02/26	Quarterly	WL			WL				
ML16083	City of El Monte	04/01/16	04/30/21	04/30/23	Quarterly								
MS16086	San Bernardino Associated Gov'ts	09/03/16	10/02/21		Quarterly								
MS16094	Riverside County Transportation Commission	01/25/17	01/24/22		Quarterly			07/16/21			07/16/21		
MS16096	San Bernardino Associated Gov'ts	10/27/16	12/21/19	06/30/21	Quarterly	WL	02/26/21				FR Rec'd		
MS16110	City of Riverside	10/06/17	02/05/25	02/05/26	Quarterly		04/22/21			07/14/21			
MS16115	City of Santa Monica	04/14/17	07/13/25		Quarterly				WL				
MS16117	Omnitrans	05/21/17	06/20/23		Quarterly								
MS16118	Omnitrans	05/21/17	06/20/23		Quarterly								
MS16119	Omnitrans	05/21/17	08/20/22		Quarterly								
MS16120	Omnitrans	04/07/17	05/06/25		Quarterly								
MS16121	Long Beach Transit	11/03/17	04/02/24	11/30/26	Quarterly			05/04/21					
MS16123	Orange County Transportation Authority	12/07/18	11/06/23		Quarterly			04/19/21			07/15/21		
MS16125	San Bernardino County Transportation Authority	09/20/19	11/19/20		Quarterly								



7/28/2021

## 2016-18 AB2766 Contract Progress Reports

Cont#	Contractor	Start Date	Original End Date	Amended End Date	Reporting	Jan '21	Feb	Mar	Apr	May	Jun	Jul	Aug
<b>Open Contracts</b>													
ML18020	City of Colton	05/03/18	04/02/24		Quarterly	WL							
ML18030	City of Grand Terrace	06/28/18	03/27/22	03/27/25	Quarterly							WL	
ML18031	City of Diamond Bar	09/07/18	11/06/25	11/06/26	Quarterly			06/07/21			07/14/21		
ML18034	City of Calabasas	06/08/18	03/07/22	03/07/23	Quarterly								
ML18036	City of Indian Wells	08/08/18	05/07/23		Quarterly	WL				05/21/21			
ML18038	City of Anaheim	10/05/18	05/04/25	05/04/26	Quarterly				FR Rec'd				
ML18041	City of West Hollywood	08/08/18	12/07/23		Quarterly							WL	
ML18043	City of Yorba Linda	09/07/18	12/06/23		Quarterly							07/22/21	
ML18044	City of Malibu	08/08/18	10/07/22	10/07/23	Quarterly							WL	
ML18046	City of Santa Ana	11/09/18	07/08/26		Quarterly				WL				
ML18047	City of Whittier	08/08/18	04/07/26		Quarterly				04/27/21	05/20/21			
ML18050	City of Irvine	09/07/18	08/06/23		Quarterly		03/12/21						
ML18051	City of Rancho Cucamonga	03/01/19	10/31/25		Quarterly			07/15/21		WL	07/15/21		
ML18053	City of Paramount	09/07/18	03/06/23		Quarterly							WL	
ML18055	City of Long Beach	11/29/18	11/28/26		Quarterly			03/19/21			06/23/21		
ML18056	City of Chino	03/29/19	09/28/23		Quarterly								
ML18057	City of Carson	10/05/18	07/04/23		Quarterly							WL	
ML18058	City of Perris	10/12/18	11/11/24		Quarterly							WL	
ML18059	City of Glendale	02/01/19	07/31/26		Quarterly							WL	
ML18060	County of Los Angeles Internal Services Dept	10/05/18	08/04/26		Quarterly			05/06/21			07/09/21		
ML18063	City of Riverside	06/07/19	01/06/27		Quarterly	01/08/21			04/22/21			07/14/21	
ML18064	City of Eastvale	11/29/18	04/28/26	10/28/28	Quarterly							07/21/21	
ML18067	City of Pico Rivera	09/07/18	11/06/22		Quarterly							WL	
ML18068	City of Mission Viejo	07/31/19	06/30/27		Quarterly								
ML18069	City of Torrance	03/01/19	07/31/27		Quarterly			05/13/21					
ML18078	County of Riverside	10/05/18	10/04/28		Quarterly		05/12/21			05/28/21			
ML18080	City of Santa Monica	01/10/19	12/09/23	07/09/25	Quarterly								
ML18082	City of Los Angeles	08/30/19	08/29/28		Quarterly			05/18/21			06/29/21		
ML18083	City of San Fernando	11/02/18	11/01/22		Quarterly			05/07/21					
ML18084	City of South El Monte	10/18/19	09/17/23	09/17/24	Quarterly							WL	
ML18087	City of Murrietta	03/29/19	03/28/25		Quarterly								
ML18088	City of Big Bear Lake	11/29/18	08/28/20	08/28/21	Quarterly			06/03/21					



ML18089	City of Glendora	07/18/19	04/18/25	04/18/26	Quarterly							07/21/21	
ML18090	City of Santa Clarita	05/09/19	02/08/23		Quarterly						FR Rec'd		
ML18091	City of Temecula	01/19/19	07/18/23		Quarterly								
ML18092	City of South Pasadena	02/01/19	01/31/25		Quarterly				04/13/21				
ML18093	City of Monterey Park	02/01/19	02/28/26		Quarterly								
ML18094	City of Laguna Woods	07/12/19	12/11/24		Quarterly								
ML18096	City of Highland	12/13/19	08/12/24		Quarterly			WL	04/21/21	05/20/21			
ML18098	City of Redondo Beach	02/01/19	05/01/23	03/31/25	Quarterly			WL					
ML18099	City of Laguna Hills	03/01/19	05/31/23		Quarterly								
ML18100	City of Brea	10/29/20	12/28/24		Quarterly	01/26/21							
ML18101	City of Burbank	02/01/19	04/30/24		Quarterly				04/28/21				
ML18128	City of Aliso Viejo	08/30/19	11/29/23		Quarterly			FR Rec'd					
ML18129	City of Yucaipa	12/14/18	03/31/23		Quarterly					WL			
ML18130	City of Lake Forrest	03/01/19	09/20/22		Quarterly								
ML18132	City of Montclair	04/05/19	09/04/23		Quarterly								
ML18134	City of Los Angeles	05/03/19	05/02/28		Quarterly	01/12/21				06/02/21			
ML18135	City of Azusa	12/06/19	12/05/29		Quarterly								
ML18136	City of Orange	04/12/19	08/11/24		Quarterly	01/14/21				WL			
ML18137	City of Wildomar	03/01/19	05/31/21	12/01/22	Quarterly							07/08/21	
ML18138	City of La Canada Flintridge	02/08/19	05/07/23		Quarterly								
ML18139	City of Calimesa	08/30/19	07/29/20	11/29/21	Quarterly				05/05/21				
ML18141	City of Rolling Hills Estates	02/14/20	01/13/24		Quarterly						06/23/21		
ML18142	City of La Quinta	04/24/19	02/23/23	08/23/23	Quarterly					WL	Project Complete		
ML18144	City of Fontana	10/04/19	12/03/23		Quarterly								
ML18145	City of Los Angeles	01/10/20	04/09/27		Quarterly					WL			
ML18146	City of South Gate	03/01/19	11/30/23		Quarterly					05/18/21			
ML18147	City of Palm Springs	01/10/19	01/09/24		Quarterly	02/09/21			05/20/21	WL			
ML18151	County of San Bernardino Department of Public	08/25/20	10/24/29		Quarterly								
ML18152	County of San Bernardino Flood Control District	08/11/20	10/10/29		Quarterly								
ML18157	City of Los Angeles	06/21/19	05/20/27		Quarterly				FR Rec'd				
ML18159	City of Rialto	12/13/19	05/12/24		Quarterly					WL		07/22/21	
ML18161	City of Indio	05/03/19	10/02/25		Quarterly		Project Complete		WL				
ML18163	City of San Clemente	03/08/19	12/07/24	12/07/25	Quarterly				04/13/21				
ML18165	City of Baldwin Park	02/01/19	01/30/24		Quarterly		WL				WL		
ML18166	City of Placentia	02/18/21	05/17/27		Quarterly								
ML18167	City of Beverly Hills	03/29/19	06/28/25		Quarterly				WL				
ML18168	City of Maywood	03/29/19	11/28/22		Quarterly								
ML18169	City of Alhambra	06/14/19	08/13/24		Quarterly								
ML18170	City of Laguna Niguel	01/10/20	08/09/28		Quarterly			04/15/21					
ML18171	City of El Monte	03/01/19	04/30/25		Quarterly								

ML18172	City of Huntington Park	03/01/19	02/28/25		Quarterly								
ML18174	City of Bell	11/22/19	07/21/26		Quarterly					WL			
ML18177	City of San Bernardino	06/07/19	12/06/26		Quarterly								
ML18178	City of La Puente	11/01/19	11/30/25	11/30/26	Quarterly			05/20/21			07/08/21		
MS18002	Southern California Association of Governments	06/09/17	11/30/18	12/30/21	Quarterly			04/19/21			07/15/21		
MS18015	Southern California Association of Governments	07/13/18	02/28/21	08/31/22	Quarterly			04/20/21					
MS18023	Riverside County Transportation Commission	06/28/18	06/27/21	12/27/22	Quarterly			04/28/21					
MS18024	Riverside County Transportation Commission	06/28/18	08/27/21		Quarterly								
MS18027	City of Gardena	11/02/18	09/01/26		Quarterly				03/31/21		07/14/21		
MS18029	Irvine Ranch Water District	08/08/18	10/07/24		Quarterly								
MS18065	San Bernardino County Transportation Authority	03/29/19	08/28/23		Quarterly								
MS18073	Los Angeles County MTA	01/10/19	02/09/26		Quarterly								
MS18104	Orange County Transportation Authority	02/21/20	03/31/21	03/31/22	Quarterly								
MS18106	R.F. Dickson Co.	07/19/19	01/18/26		Quarterly								
MS18108	Capistrano Unified School District	02/01/19	05/30/25		Quarterly								
MS18110	Mountain View Unified School District	02/01/19	03/31/25		Quarterly								
MS18114	Los Angeles County Dept of Public Works	11/15/19	11/14/26		Quarterly	WL				WL			
MS18115	City of Commerce	06/07/19	12/06/25		Quarterly								
MS18116	Los Angeles County Dept of Public Works	11/15/19	11/14/26		Quarterly	WL				WL			
MS18117	City of San Bernardino	06/07/19	11/06/25		Quarterly								
MS18118	City of Beverly Hills	03/29/19	07/28/25		Quarterly	WL			WL				
MS18122	Universal Waste Systems Inc.	02/01/19	03/31/25	03/31/26	Quarterly	WL				05/20/21			
MS18124	County Sanitation Districts of LA County	07/31/19	02/28/27		Quarterly	02/17/21				07/07/21		FR Rec'd	
MS18125	US Gain	05/09/19	08/08/25		Quarterly	WL		WL				FR Rec'd	
MS18175	Regents of the University of California	06/07/19	08/06/25	08/06/26	Quarterly								

**Total: 97**



7/28/2021

### 2018-21 AB2766 Contract Progress Reports

Cont#	Contractor	Start Date	Original End Date	Amended End Date	Reporting	Jan '21	Feb	Mar	Apr	May	Jun	Jul	Aug
<b>Open Contracts</b>													
MS21002	Better World Group Advisors	11/01/19	12/31/22		Monthly								
MS21003	Orange County Transportation Authority	07/08/20	05/31/21		Quarterly					FR Rec'd			
MS21004	Los Angeles County MTA	01/07/21	05/31/23		Quarterly								
MS21005	Southern California Association of Gov'ts	05/05/21	01/31/24		Quarterly							07/15/21	
<b>Total: 4</b>													

AGENDA ITEM #4

AB 2766 Discretionary Fund Financial Report

**AB 2766 Discretionary Fund  
Financial Report - June 2021 (Pre-Close)**

Available Funding as of June 30, 2021 (a)		\$	58,845,019
Less Awards by Work Program: (b)			
FY 2014-16	\$		(158,192)
FY 2016-18			(112,750)
FY 2018-21		(35,533,572)	
Total Awards by Work Program:			(35,804,514)
Less Balance of FY 2016-18 & FY 2018-21 Work Programs (funding not yet awarded)			(16,210,000)
Sub-total - Surplus/(Deficit)		\$	6,830,505
Estimated Revenue (d)			2,651,974
Estimated Available for the FY 2018-2021 Work Program (e)		\$	<u>9,482,479</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	60,753	-	-
Programmatic Outreach Coordinator	136,619	136,619		-
Major Event Center Transportation Program - (PA2017-05)	3,912,829	3,912,829	-	-
Natural Gas Infrastructure Program	2,945,000	2,945,000	-	-
Local Government Partnership	14,920,215	14,807,465	112,750	-
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	-	-
<b>FY 2016-18 Totals</b>	<b>\$ 38,931,111</b>	<b>\$ 36,818,361</b>	<b>\$ 112,750</b>	<b>\$ 2,000,000</b>

FY 2018-21 Work Program	Total	Executed Contracts	Awarded	Balance
Major Event Center Transportation Program	\$ 4,094,993	\$ 3,805,939	\$ 289,054	\$ -
MSRC Website Hosting & Maintenance	20,952	20,952	-	-
Natural Gas Infrastructure Program	1,012,772	1,012,772	-	-
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	200,000		3,800,000
VIP Plus Up Incentive Program	2,500,000	90,000		2,410,000
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	26,404,189	-	26,404,189	-
Inland Ports Zero and Near-Zero Emission Cargo Handling	8,537,775	-	8,537,775	-
Zero-Emission Drayage Truck and Infrastructure Pilot Project	8,000,000			8,000,000
<b>FY 2018-21 Totals</b>	<b>\$ 65,123,235</b>	<b>\$ 15,379,663</b>	<b>\$ 35,533,572</b>	<b>\$ 14,210,000</b>

- (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 #5

Report on Outreach Activities



betterworldgroup.com

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

ph 818.563.9111

Sacramento  
1107 9th Street, Suite 630  
Sacramento, CA 95814

---

# Memorandum

**To:** MSRC Technical Advisory Committee

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

**Date:** July 20, 2021

**Re:** Spring 2021 – Quarterly Report on Outreach Activities

---

Better World Group (BWG) is pleased to provide the TAC 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

- June [Clean Air Road Map](#) e-newsletter
  - Profile of Member Jed Leano
  - MSRC/SCAG Last-Mile Program
  - 30<sup>th</sup> anniversary MSRC project highlights
- Update the MSRC's [Facebook](#) page with links to news and relevant stories
- News items of the month on the Last-Mile Program, the MSRC elections, and the VIP Plus Up Program

## Task 3 – Development and Dissemination of Marketing/Promotional Materials

- Develop sample social media messaging for TAC and MSRC members to help promote the Last Mile program:
  - **Tweet 1:**  
Announcing @SCAGnews and @cleantranspfund Last Mile Freight Program is seeking applicants!

The \$10M match-funding initiative will support last mile transportation technology to help goods movement providers invest in cleaner trucks and infrastructure.

Learn more: <https://bit.ly/3v3llv1>

- **Tweet 2:**  
Did you know @SCAGnews & @cleantranspfund Last Mile Freight Program is accepting grant applications?

The \$10M match-funding program supports last mile transportation technology investments for cleaner trucks to improve air quality across Southern CA.

Learn more: <https://bit.ly/3v3llv1>

- **Tweet 3:**  
The Call for Projects is open for @SCAGnews & @cleantranspfund Last Mile Freight Program!

The \$10M match-funding program is part of MSRC's commitment to clean up the goods movement industry and replace dirty trucks with zero and near-zero emission alternatives.

Learn more: <https://bit.ly/3v3llv1>

#### **Task 4 – Participation in Meetings and Events**

- Develop talking points for July 12 City of Burbank EV station grand opening
- 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

#### **Task 5 – Strategic Market Direction for MSRC Work Programs**

- Tracked all relevant state and federal regulatory, legislative, funding and other news items in the [April](#), [June](#) *Clean Transportation Policy Update*

#### **August – October Anticipated Activity Highlights and Opportunities**

- Assist staff as the Work Program development process kicks off in the fall
- Continue to promote appropriate awarded or completed projects the MSRC has invested in
- Work with interested MSRC TAC and Members to participate in social media promotion of MSRC activities
- Track state legislative and regulatory priorities including clean transportation funding initiatives
- Identify opportunities to continue to promote the MSRC's 30<sup>th</sup> Anniversary



AGENDA ITEM #6

Contract Modification Request by City of Santa Ana



MSRC-TAC Agenda Item No. 6

**DATE:** August 5, 2021

**FROM:** Cynthia Ravenstein, MSRC Contracts Administrator

**SUBJECT:** Three-Month Term Extension by City of Santa Ana, Contract #ML12014

**SYNOPSIS:** The City requested a six-month extension due to delays associated with the COVID-19 pandemic and understaffing, as part of the FY 2011-12 Local Government Match Program. Due to the contract’s impending termination, MSRC staff is processing a three-month extension so that the MSRC can consider the remainder of the City’s request.

**FINANCIAL IMPACT:** None

**RECOMMENDATIONS:** None

**ATTACHMENTS:** Contractor’s letter requesting modification

---

**DISCUSSION:**

**Contractor:** City of Santa Ana

**Project Title:** Purchase Nine Natural Gas and LPG Trucks and Install EV Charging Stations

**MSRC Funding:** \$338,000

**Contract Term:** November 8, 2013 to August 7, 2021 (three-month extension in process)

**Current Request:** Six-month term extension

**Previous Requests:** Reduce scope and funding and one-year term extension

Project Description: In two actions, the MSRC awarded the City \$384,000 under the FY 2011-12 Local Government Match Program to purchase nine heavy-duty CNG and LPG vehicles, expand their CNG station, and install EV charging stations. The contract was subsequently modified to eliminate the tasks and funding associated with the CNG station expansion, reducing the value to \$338,000. Nothing has been paid to date under this contract.

Previous Requests: In April 2020, the City confirmed that the expansion of the City’s CNG station had been delayed due to lack of sufficient co-funding, which still had not been

identified. Because the FY 2011-12 Local Government Match Program requires a five-year operational period, and work on this project element had not yet commenced, more than a five-year extension would have been needed even if the necessary funding had been identified. MSRC staff have clarified with the City that the tasks and funding associated with expanding the CNG station would be removed from the contract and the \$46,000 would revert to the AB 2766 Discretionary Fund. In order to allow for fulfillment of the five-year operational requirement for the vehicles previously placed into service, the City requested a one-year contract term extension. This modification was processed administratively.

Contract Request: The City requests a six-month extension due to delays associated with the COVID-19 pandemic and understaffing. Due to the contract's impending termination, MSRC staff is processing a three-month extension so that the MSRC can consider the remainder of the City's request.

MAYOR  
Vicente Sarmiento  
MAYOR PRO TEM  
David Penalzo  
COUNCILMEMBERS  
Phil Bacerra  
Johnathan Ryan Hernandez  
Jessie Lopez  
Nelida Mendoza  
Thai Viet Phan



CITY MANAGER  
Kristine Ridge  
CITY ATTORNEY  
Sonia R. Carvalho  
CLERK OF THE COUNCIL  
Daisy Gomez

## CITY OF SANTA ANA

**PUBLIC WORKS AGENCY**  
20 Civic Center Plaza • P.O. Box 1988  
Santa Ana, California 92702  
[www.santa-ana.org](http://www.santa-ana.org)  
(714) 647-3357

July 12, 2021

Cynthia Ravenstein  
MSRC Program Administrator  
Mobile Source Air Pollution Reduction Review Committee  
21865 East Copley Drive  
Diamond Bar, California 91765

RE: Contracts ML12014 & ML14012 Request for Extension

Dear Ms. Ravenstein:

The City of Santa Ana applied on April 10, 2012 for a total of \$384,000 in funding from the MSRC's Clean Transportation Funding *Local Government Match 2011 Program* to help finance alternative fuel infrastructure projects.

The City of Santa Ana is requesting a 6-month extension for Contracts ML12014 & ML14012 to accommodate unanticipated delays due to the Covid-19 Pandemic and understaffing. The requested extension will allow our staff to prepare a Final Submission for ML12014 & ML14012.

Thank you for your consideration of our request, and I look forward to your response. Should you have any questions or comments, please feel free to contact Gregory Hoang at (714) 647-3357.

Sincerely,

Tyrone Chesaneck, P.E.  
Deputy Public Works Director  
Construction Services

### SANTA ANA CITY COUNCIL

Vicente Sarmiento  
Mayor  
[vsarmiento@santa-ana.org](mailto:vsarmiento@santa-ana.org)

David Penalzo  
Mayor Pro Tem, Ward 2  
[dpenalzo@santa-ana.org](mailto:dpenalzo@santa-ana.org)

Thai Viet Phan  
Ward 1  
[tphan@santa-ana.org](mailto:tphan@santa-ana.org)

Jessie Lopez  
Ward 3  
[jessielopez@santa-ana.org](mailto:jessielopez@santa-ana.org)

Phil Bacerra  
Ward 4  
[pbacerra@santa-ana.org](mailto:pbacerra@santa-ana.org)

Johnathan Ryan Hernandez  
Ward 5  
[jryanhernandez@santa-ana.org](mailto:jryanhernandez@santa-ana.org)

Nelida Mendoza  
Ward 6  
[nmendoza@santa-ana.org](mailto:nmendoza@santa-ana.org)

AGENDA ITEM #7

Contract Modification Request by City of Baldwin Park

MSRC-TAC Agenda Item No. 7

**DATE:** August 5, 2021

**FROM:** Cynthia Ravenstein, MSRC Contracts Administrator

**SUBJECT:** Eighteen-Month Term Extension by City of Baldwin Park, Contract #ML12045

**SYNOPSIS:** The City requests an eighteen-month extension due to unanticipated delivery of redesigned equipment and delays associated with the SoCalGas connection and Los Angeles County permitting, as part of the FY 2011-12 Local Government Partnership Program.

**FINANCIAL IMPACT:** None

**RECOMMENDATIONS:** None

**ATTACHMENTS:** Contractor's letter requesting modification

---

**DISCUSSION:**

**Contractor:** City of Baldwin Park

**Project Title:** Install New CNG Station

**MSRC Funding:** \$400,000

**Contract Term:** February 14, 2014 to June 13, 2025

**Current Request:** Eighteen-month term extension

**Previous Requests:** Eighteen-month term extension; three-year term extension

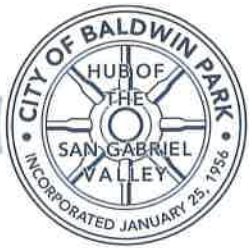
**Project Description:** The City was awarded \$400,000 under the MSRC's FY 2011-12 Local Government Partnership Program to install a new CNG station. The station is expected to be operational by 11/15/21 and nothing has been paid to date under this contract.

**Previous Requests:** Subsequent to contract execution, the City undertook a partnership with the County of Los Angeles to build the station. The County committed \$400,000. In August 2016, the City stated that necessary coordination on the project had caused delays, and they requested an 18-month contract term extension. The MSRC-TAC Scope Changes Subcommittee considered the City's request and recommended that further consideration be delayed until the City submitted confirmation that they had executed an agreement with the County for the

project. The City/County agreement was signed by the City in April 2016, and signed by the County in February 2017. The MSRC considered and approved the City's request in May 2017.

Later, the City indicated that unexpected delays arose associated with third parties' review and approval of the construction plans. There were issues with sound mitigation and utilities relocation for the County. Also, there were last minute relocations of gas lines and electric panel requests from the Gas Company and So Cal Edison which contributed to the delays. The City requested a three-year term extension. The MSRC considered and approved the City's request in October 2019.

Contract Request: The City indicates that the Galileo Microbox for the CNG system was delivered with an unanticipated redesign which required expansion of the foundation. The point-of-sale system which came with the system has been rendered obsolete, and efforts are underway to find a replacement. Additionally, there have been delays associated with the SoCalGas connection and Los Angeles County permitting. The City projects that the station will be operational by November 15, 2021. In order to fulfill the Local Government Match Program's five-year operational requirement, the City requests an extension. This equates to an eighteen-month extension.



Sam Gutierrez, Director of Public Works

July 1, 2021

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

Attention: Cynthia Ravenstein, MSRC Contracts Administrator

**Subject: City of Baldwin Park  
Contract #ML12045-Development and Operation of a New CNG Station  
Time Extension Request**

Dear Ms. Alfaro:

The City of Baldwin Park (City) is requesting an extension for the MSRC contract #ML12045. The station is expected to be operational by 11/15/2021. The reasons for the project delayed were described below:

1. **CNG Blower (Redesign)** - When the Galileo Microbox for the CNG system was delivered, it contained a redesigned equipment that was not in the original equipment specification and plans. Neither the construction contractor nor the City staff was unaware of this modification until the unit was delivered. This additional blower unit required the expansion of the concrete pad and footing, thus expanding the footprint of the foundation. This was unanticipated and design modifications and construction of the foundation expansion required change order approvals. Design, modification approvals, and construction of the new pads, including installation of the new blower unit, have caused delays of approximately four months.
2. **SoCal Gas Connection (Third Party Delay)** - A connection date for the system is pending from SoCalGas. Recent discussions with SoCalGas put the connection date approximately one month or by July 5th.
3. **Los Angeles County Permitting (Third Party Delay)** - While the project is a joint partnership with Los Angeles County, County permitting is still required, and has not been waived. All requested items have been provided to the County and the permit took two months for issuance.
4. The point-of-sale system that was provided with the Galileo equipment was rendered obsolete before the CNG system had even been installed. The City and Galileo have been working diligently to find a replacement alternative that works with the City's existing payment processing system, and that will allow for the longevity needed to operate the system for a number of years moving forward without requiring a replacement system.
5. Once the above issues are resolved, the City will begin the inspection and testing phases of the CNG station. There are other minor pending items that need attention but should be resolved during the testing phase. This includes the provision of supply to the public via a monetary exchange system (credit card processing system) and pricing rate review and approval.



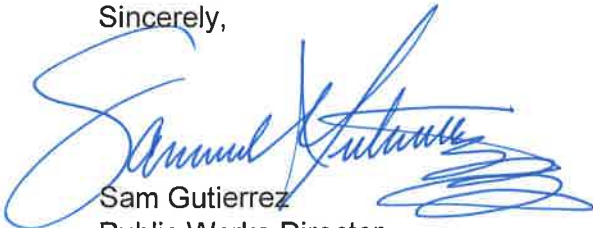
July 1, 2021

Page 2 of 2

6. There may be a need to modify the fuel line to the fuel dispenser to increase the volume as recommended by Galileo at Galileo's expense.
7. COVID-19 impact.

Should you have any questions regarding this request, please do not hesitate to contact me at (626) 960-4011, extension 460 or at [sgutierrez@baldwinpark.com](mailto:sgutierrez@baldwinpark.com).

Sincerely,



Sam Gutierrez  
Public Works Director  
City of Baldwin Park

AGENDA ITEM #8

Contract Modification Request by Waste Resources

MSRC-TAC Agenda Item No. 8

**DATE:** August 5, 2021

**FROM:** Cynthia Ravenstein, MSRC Contracts Administrator

**SUBJECT:** Eight-Month Term Extension by Waste Resources, Contract #MS14079

**SYNOPSIS:** Waste Resources requests an eight-month extension due to the need to manage poor soil conditions and unexpected difficulties coordinating logistics and changes between different agencies, as part of the FYs 2012-14 Alternative Fuel Infrastructure Program.

**FINANCIAL IMPACT:** None

**RECOMMENDATIONS:** None

**ATTACHMENTS:** Contractor's letter requesting modification

---

**DISCUSSION:**

**Contractor:** Waste Resources

**Project Title:** Install New CNG Station

**MSRC Funding:** \$100,000

**Contract Term:** September 14, 2016 to February 13, 2024

**Current Request:** Eight-month term extension

**Previous Requests:** One-year term extension; seven-month term extension

Project Description: The MSRC awarded Waste Resources \$100,000 to install a limited access CNG station. The station has been operational since September 27, 2019 and \$90,000 has been paid to date under this contract.

Previous Requests: Waste Resources indicated that they had decided to install the station equipment in two phases. However, all specified equipment would still be installed. They requested approval of a one-year term extension to complete the second phase. This modification was processed administratively in 2017.

Later, Waste Resources stated that it took longer than anticipated to secure contractors to complete the project. They requested a seven-month term extension. The MSRC considered and approved the request in January 2019.

Contract Request: Waste Resources indicates that the installation took longer than expected since additional civil and structural work was required to manage poor soil conditions. Additionally, coordinating logistics and changes between different agencies proved to be difficult and time consuming. The station entered service in September 27, 2019, although Waste Resources has subsequently upgraded it. Waste Resources requests an extension. While their letter specifies a six-month extension in order to fulfill the Alternative Fuel Infrastructure Program's five-year operational requirement, that would actually fall short of five years. An eight-month term extension would suffice to cover the required operational period.



July 2, 2021

Matthew Mackenzie  
MSRC/AB2766  
South Coast Air Quality Management District  
21865 Copley Drive  
Diamond Bar, CA 91765

Subject: **Request for Contract Term Extension, Contract MS14079 / MS14079B**

Dear Mr. Mackenzie:

As you know, this project faced many challenges with the original contractor, resulting in the re-bid and subsequent award to a new vendor in 2019. Working with our civil contractor, the new team was able to take the original design and modify it so that a successful system could be installed and operated reliably. The installation took a bit longer than expected, since additional civil and structural work was required to manage poor soils conditions; and coordinating logistics and changes between different agencies proved to be difficult and time consuming.

The first phase of the project (original 2-compressor configuration) was placed into service late September 2019. Upgrades to the electrical and gas service were completed in 2020 and 2021, respectively, which now allows for trucks to be fueled quicker than with the original phase.

Given the delayed in-service date, it is necessary to extend the contract term for six months in order to fulfill the contract's 5-year operational requirement after commission of the system (2019). The current termination date is February 13, 2024. This extension would adjust the termination date to August 13, 2024.

We appreciate MSRC's continued support for this project and anticipate a positive response to this request.

Sincerely,

A handwritten signature in blue ink, appearing to read 'M Nicholls'.

Michelle M. Nicholls  
Vice President, Environmental Affairs and Development, WRT

cc: Ms. Cynthia Ravenstein, MSRC

AGENDA ITEM #9

Contract Modification Request by Hacienda La Puente Unified School District

MSRC-TAC Agenda Item No. 9

**DATE:** August 5, 2021

**FROM:** Cynthia Ravenstein, MSRC Contracts Administrator

**SUBJECT:** Fifteen-Month Term Extension by Hacienda La Puente Unified School District, Contract #MS14083

**SYNOPSIS:** The School District requests a fifteen-month extension due to confusions surrounding the authority having jurisdiction for permitting, as part of the FYs 2012-14 Alternative Fuel Infrastructure Program.

**FINANCIAL IMPACT:** None

**RECOMMENDATIONS:** None

**ATTACHMENTS:** Contractor's letter requesting modification

---

**DISCUSSION:**

**Contractor:** Hacienda La Puente Unified School District

**Project Title:** Install New CNG Station

**MSRC Funding:** \$175,000

**Contract Term:** July 10, 2015 to March 9, 2022

**Current Request:** Fifteen-month term extension

**Previous Requests:** None

Project Description: The School District was awarded \$175,000 under the MSRC's FYs 2012-14 Alternative Fuel Infrastructure Program to install a new CNG station. The station has been entered into service and nothing has been paid to date under this contract.

Contract Request: The School District indicates that there was some confusion surrounding the authority having jurisdiction for permitting. Ultimately, the City and County completed all necessary reviews and issued the construction permit, and the station was placed into service on May 30, 2018. In order to fulfill the Alternative Fuel Infrastructure Program's five-year operational requirement, the School District requests a fifteen-month term extension.



# HACIENDA LA PUENTE UNIFIED SCHOOL DISTRICT

15959 EAST GALE AVENUE • P.O. BOX 60002 • CITY OF INDUSTRY, CA 91716-0002 • (626) 933-1000

June 24, 2021

Leah Alfaro  
MSRC Contracts Administration

Dear Ms. Alfaro,

Please accept this letter as a request for an extension of time on the **Natural Gas Infrastructure Funding Opportunities Contract MS14083**. The Hacienda La Puente Unified School District has been continuing to pursue completion of this grant since it was awarded.

Plans and designs for the work were completed in 2014. The project was taken out to publicly advertised bid 2015. The bid was awarded to Fueling and Service Technologies (FASTECH) on May 14, 2015. Upon award of the bid, FASTECH began work on completing the permit process.

The permit process for this project was subject to extraordinary delays due the project location and confusion about the authority having jurisdiction. The project location is within the City of Industry. The City has not acted as the permitting authority for any school projects in the past 50 years, when the District Offices were originally constructed. City staff were unsure how to proceed with approval.

After considerable discussion and delay, the City asked the District to complete a revised California Environmental Quality Act (CEQA) review process in May of 2016. The District had previously determined that the project was categorically exempt under CEQA. An initial study completed and the necessary paper work submitted to the City. The City accepted the project as categorically exempt on February 27, 2017.

Completion of the environmental exemption process allowed the building permit process to begin. The City contract with the County of Los Angeles for building code approval. County and City completed all necessary reviews and issued the construction permit on January 10, 2018. The station was completed and put into service on May 30, 2018.

Throughout this process, the District vigorously pursued the project. Safe construction of the project required that the appropriate agencies review and approve the work, but the resulting delays that occurred were beyond the control of the District. We hope that you can grant an extension on that basis.

Respectfully,

  
Raymond James  
Director of Transportation  
[RJames@hlpusd.k12.ca.us](mailto:RJames@hlpusd.k12.ca.us)  
Office: 626-933-3825

CC: Annie Bui, Associate Superintendent of Business

*Vision Statement:*

The Hacienda La Puente Unified School District is a community committed to developing lifelong learners who value themselves and the diversity of all people; apply decision-making skills leading to responsible actions; and use creativity, critical thinking, and problem solving in meeting the challenges of a changing society.



AGENDA ITEM #10

Contract Modification Request by City of Pico Rivera

MSRC-TAC Agenda Item No. 10

**DATE:** August 5, 2021

**FROM:** Cynthia Ravenstein, MSRC Contracts Administrator

**SUBJECT:** Thirty-Two-Month Term Extension by City of Pico Rivera, Contract #ML18067

**SYNOPSIS:** The City requests an extension to June 30, 2025—approximately a thirty-two-month extension--due to unforeseen COVID-19 impacts on City services and issues regarding power supply by Southern California Edison, as part of the FYs 2016-18 Local Government Partnership Program.

**FINANCIAL IMPACT:** None

**RECOMMENDATIONS:** None

**ATTACHMENTS:** Contractor’s letter requesting modification

---

**DISCUSSION:**

**Contractor:** **City of Pico Rivera**

**Project Title:** Install EV Charging Infrastructure

**MSRC Funding:** \$83,500

**Contract Term:** September 7, 2018 to November 6, 2022

**Current Request:** Thirty-two-month term extension

**Previous Requests:** None

**Project Description:** The City was awarded \$83,500 under the MSRC’s FYs 2016-18 Local Government Partnership Program to install one public access and three limited access Level II type EV charging stations. No stations have been installed and nothing has been paid to date under this contract.

**Contract Request:** The City indicates that unforeseen COVID-19 impacts on City services and issues regarding power supply by Southern California Edison delayed the design schedule. They now anticipate that construction can be complete in June 2022. In order to fulfill the Local Government Partnership Program’s three-year operational requirement, the City requests a thirty-two-month term extension.



**City of Pico Rivera**  
**PUBLIC WORKS DEPARTMENT**  
 6615 Passons Boulevard · Pico Rivera, California 90660  
**(562) 801-4421**  
 Web: [www.pico-rivera.org](http://www.pico-rivera.org) e-mail: [lgaray@pico-rivera.org](mailto:lgaray@pico-rivera.org)

**City Council**

Raul Elias  
*Mayor*  
 Dr. Monica Sánchez  
*Mayor Pro Tem*  
 Gustavo V. Camacho  
*Councilmember*  
 Andrew C. Lara  
*Councilmember*  
 Erik Lutz  
*Councilmember*

**Monica Heredia, P.E.**  
 Director  
 (City Engineer)

July 22, 2021

Via Electronic Mail

Matt Mackenzie  
 South Coast Air Quality Management District / MSRC  
 21865 Copley Drive  
 Diamond Bar, CA 91765  
 (909) 396-2164  
[matt@cleantransportationfunding.org](mailto:matt@cleantransportationfunding.org)

**Extension Request and Progress Report, MSRC Contract #ML18067 - Funding for Electric Vehicle Charging Equipment, (Pico Rivera CIP No. 50010)**

Dear Mr. MacKenzie:

The City of Pico Rivera respectfully requests a time extension to the AB 2766 Discretionary Fund Contract No. ML18067 until June 30, 2025. The contract was originally executed on September 7, 2018, for a term of 50 months, expiring November 7, 2022. The term is to include the three year operational period starting after the work is complete.

Due to unforeseen COVID-19 impacts on City services and issues regarding power supply by Southern California Edison, the design schedule experienced delays. Final selection of equipment has now been resolved, satisfying the scope required by the grant, and can be implemented within the following revised schedule:

<b>PHASE</b>	<b>DURATION</b>	<b>COMPLETION DATE</b>
Design	4 months	November 2021
Bid and Award	3 months	February 2021
Construction	4 months	June 2022
Operational Period	36 months	June 2025

July 22, 2021

Page 2

The original description of the Project Elements outlined in the contract called for the installation of:

- One (1) Level II type EV charging station dedicated for Public use 24 hrs every day.
- Three (3) Level II type EV charging station having limited access.
- The grant does not specify if each station is expected to have single or dual plugs, but only that they be compliant with current Society of Automotive Engineers J1772 standards.

The following is a description of the finalized selection of equipment to be installed:

- One (1) Level II type EV charging station dedicated for Public use 24 hrs every day, having a total of two (2) standard SAE J1772 connectors. The stations shall provide a minimum electrical output of 7.7 kW (240 V AC @ 32 A) at each plug.
- Three Dual (3) Level II type EV charging stations having a total of six (6) standard SAE J1772 connectors, for limited access. The stations shall provide a minimum electrical output of 7.7 kW (240 V AC @ 32 A) at each plug.

The location of the charging stations will be as originally described in Attachment 1 of Contract ML18067.

Please confirm approval of the requested contract extension. Should you have any questions or concerns, please feel free to contact me at [gedwards@pico-rivera.org](mailto:gedwards@pico-rivera.org) or at 562-801-4225.

Sincerely,

Gene Edwards, P.E.  
Senior Engineer

AGENDA ITEM #11

Contract Modification Request by City of Placentia

MSRC-TAC Agenda Item No. 11

**DATE:** August 5, 2021

**FROM:** Cynthia Ravenstein, MSRC Contracts Administrator

**SUBJECT:** Modified and Reduced Scope and 4.5 Year Term Extension by City of Placentia, Contract #ML16048

**SYNOPSIS:** The City requests to substitute seven dual-outlet Level II charging stations (six limited access, and one public access) and one limited access Level III charging station for the fourteen Level II charging stations, at least four of which were required to be public access, originally approved by the MSRC; eliminate tasks and funding associated with the bicycle locker; and extend term four and one-half years, as part of the FYs 2014-16 Local Government Match Program.

**FINANCIAL IMPACT:** If the MSRC approves the City’s request, \$10,000 would revert to the AB 2766 Discretionary Fund.

**RECOMMENDATIONS:** None

**ATTACHMENTS:** Contractor’s letter requesting modification

**DISCUSSION:**

**Contractor:** City of Placentia

**Project Title:** Install Bicycle Locker and EV Charging Stations

**MSRC Funding:** \$90,000

**Contract Term:** March 26, 2016 to June 25, 2022

**Current Request:** Modified and reduced scope and 4.5-year term extension

**Previous Requests:** Thirteen-month term extension

Project Description: The MSRC awarded the City \$90,000 under the FYs 2014-16 Local Government Match Program to install a bicycle locker at its new transportation center (\$10,000) and to install fourteen Level II type EV charging stations. At least four of the charging stations were to be “dual charge” (capable of charging two vehicles each) and publicly accessible. Thus, collectively the stations would provide the capacity to charge a total of eighteen vehicles.

To date, the City has installed a total of six charging stations, all of which are dual charge. Five of these stations are limited access, and one is publicly accessible. \$18,655.00 has been paid to date under this contract.

Previous Requests: In September 2016, the City indicated that the remaining charging stations, as well as the bicycle locker, were targeted for installation at their new Metrolink station and parking structure. Construction of the station and parking structure had been significantly delayed but was still expected to move forward. The City requested a thirteen-month term extension. The MSRC considered and approved the City's request.

Contract Request: The City now indicates that construction of the Metrolink Station and parking structure continues to be delayed, and it is unknown at this time when it will be built. As they do not have an alternative location to install the bicycle locker, the City requests to decline the \$10,000 awarded for this purpose. This amount would revert to the AB 2766 Discretionary Fund.

The City is initiating a Tesla Police Patrol Unit pilot program. To assist in providing the needed infrastructure for the program, the City requests to substitute the installation of a limited access, Level III (fast charge) station at the Placentia Police Department for one of the Level II charging stations originally approved under the contract. The City states that this would not be a proprietary technology station, and they are aware of the five-year operational requirement. The City also proposes to install one more Level II charging station at City Hall for limited access for use by City employees.

In summary, the City is requesting to substitute seven dual-outlet Level II charging stations (six limited access, and one public access) and one limited access Level III charging station for the fourteen Level II charging stations, at least four of which were required to be public access, originally approved by the MSRC. This would represent a reduction in the amount of publicly accessible charging to be provided. Due to the Level III station, there would be an increase in the overall charging capacity provided for the MSRC investment.

Lastly, the City requests a 4.5-year term extension. The project was delayed while the City attempted to resolve issues surrounding the Metrolink station and then evaluated alternative options. Two years of this extension would be to cover the longer operational requirement associated with Level III charging stations under the MSRC's FYs 2014-16 Local Government Match Program.

The People are the City



**Mayor**  
CRAIG S. GREEN

**Mayor Pro Tem**  
CHAD P. WANKE

**Councilmembers:**  
RHONDA SHADER  
WARD L. SMITH  
JEREMY B. YAMAGUCHI

**City Clerk:**  
ROBERT S. MCKINNELL

**City Treasurer**  
KEVIN A. LARSON

**City Administrator**  
DAMIEN R. ARRULA

401 East Chapman Avenue – Placentia, California 92870

July 8, 2021

Matt Mackenzie  
MSRC Contracts Administration  
South Coast Air Quality Management District  
21865 Copley Drive  
Diamond Bar, CA 91765

**RE: Request for Contract Amendment - MRSC Contract No. ML16048**

Dear Mr. Mackenzie,

The City of Placentia (City) is respectfully requesting an amendment to Contract No. 16048 to revise the scope of work of the project and a time extension that will allow the City to maximize the benefits of and fully expend the grant allocation.

In Fiscal Year 2016-17, the City was awarded a grant from the AB 2766/MRSC Local Government Match Program in the amount of \$90,000 under Contract No. 16048. This grant award was for the purpose of installing a total of 14 Level II electric vehicle (EV) charging stations at two City locations: Placentia City Hall and at the City's future Metrolink Transportation Center. In addition, the scope of work for this grant project included the installation of a bicycle locker at the Metrolink Transportation Center as well. On September 15, 2016, the MRSC approved a contract term extension via Amendment "A" to the Contractor No. 16408 for an additional period commencing on May 26, 2021, and terminating on June 26, 2022.

To date, the City has installed a total of six (6) dual charge, Level II EV charging stations at City Hall located at 401 East Chapman Avenue, Placentia, CA. Five of the installed EV charging stations are limited access for City EV fleet use and one (1) dual charge, Level II EV charging station is dedicated for free public access. The construction of the Metrolink Station and Parking Structure project is still delayed as a result of ongoing negotiations between BNSF and the regional rail partners on a new Master Shared Use Agreement. This has impacted the City's ability to install the remaining EV charging station and bicycle locker as originally proposed. It is unknown at this time when the Metrolink Station and Parking Structure will be built. The City would like to request an amendment to Contract No. 16048 to modify the scope of work for the grant project and to extend the contract term as follows:

- A four and half-year term extension that extends the current contract term to December 31, 2026. Currently, the contract term is set to expire on June 26, 2022.



- Replace the remaining one (1) dual charge, Level II EV charging station that is proposed to be installed at the City's future Metrolink Transportation Center for public use with the installation of one (1) additional limited access Level III electric charging station at the Placentia Police Department's parking lot located at 401 East Chapman Avenue, Placentia CA 92870 for fleet use. The City is initiating a Tesla Police Patrol Unit pilot program and this will assist in providing the needed infrastructure for this program to charge the City's future electric Tesla Patrol units.
- Add one dual-charge, Level II EV charging station at City Hall for limited access for the use of City employees.
- Decline the grant funding set aside for the installation of one (1) bicycle locker at the City's future Metrolink Transportation Center as the City does not have viable location to place the locker at this time.

The contract time extension will provide the City sufficient time to procure the equipment and construct the proposed EV charging stations. The proposed modified scope of work will meet the original grant requirements. The City acknowledges that no additional grant funding will be provided with the changes requested above.

The City appreciates your consideration of this contract extension request. If you have any questions or require additional information, please do not hesitate to contact me at (714) 993-8120 or by email at [lestevez@placentia.org](mailto:lestevez@placentia.org).

Sincerely,



Luis Estevez  
Deputy City Administrator

AGENDA ITEM #12

Consider Bifurcation of Original Award to ITS Technologies and Logistics

MSRC-TAC Agenda Item No. 12

**DATE:** August 5, 2021

**FROM:** Cynthia Ravenstein

**SUBJECT:** Consider Bifurcation of Original \$3,000,000 Award to ITS Technologies and Logistics under the Zero and Near-Zero Emission Cargo Handling Equipment at Warehouse, Distribution and Intermodal Facilities in Riverside and San Bernardino Counties Program

**SYNOPSIS:** In March 2021, as part of an initiative to reduce emissions from “Inland Ports” cargo handling equipment, the MSRC approved a \$3,000,000 award to ITS Technologies and Logistics, LLC d/b/a ITS ConGlobal, to procure and deploy up to 12 zero-emission electric yard tractors and associated charging infrastructure. After the award, clarification has been obtained that the charging infrastructure would be owned and operated by property owner Burlington Northern Santa Fe Railroad (BNSF).

**FINANCIAL IMPACT:** \$3,000,000 was previously awarded to ITS Technologies. This amount would be split between ITS and BNSF; no new funds would be allocated.

**RECOMMENDATIONS:** In order to enhance accountability in administration of the project, it is recommended that the award be bifurcated into a \$1,686,900 award to ITS for the 12 yard tractors, and a \$1,313,100 award to BNSF for the charging infrastructure. No other aspects of the project would be changed.

AGENDA ITEM #13

Consider RFP for MSRC Technical Advisor Services



**REQUEST FOR PROPOSALS P2022-XX**

**For Technical Advisor Services  
for the Mobile Source Air  
Pollution Reduction Review Committee  
(MSRC)**

**September 3, 2021**

The Mobile Source Air Pollution Reduction Review Committee (MSRC) requests proposals for technical advisor services pursuant to the terms and conditions outlined in this Request for Proposals (RFP). In the preparation of this RFP, the words "Proposer," "Contractor," "Consultant," "Bidder," and "Independent Contractor" are used interchangeably.

## **PURPOSE**

The purpose of this RFP is to solicit proposals from consultants with strong technical expertise to provide services as the Technical Advisor to the MSRC. So long as expertise and qualifications meet the requirements, individually or collectively, proposals may be submitted by: 1) a single independent contractor, 2) two or more independent contractors submitting a joint proposal; or 3) a consulting firm designating a team of key personnel. The purpose of the Technical Advisor is to provide independent, objective assistance and advice to the MSRC and the MSRC's Technical Advisory Committee (MSRC-TAC) on technical issues related to the AB 2766 Discretionary Fund Program and projects funded under the MSRC's Work Program. The successful Bidder must enter into a Time & Materials (T&M) type contract with the South Coast Air Quality Management District (South Coast AQMD) in order to receive reimbursement for T&M incurred under this contract. This RFP is also being used to supplement existing MSRC-TAC and MSRC staff resources with specialized outside expertise.

The MSRC requires an independent contractor for Technical Advisor services to plan, implement and monitor its Work Program pursuant to Health & Safety Code Sections 44220-44247. Proposer shall have general business office equipment at their primary office location. However, should Proposer desire, the MSRC shall also make available to the Contractor as a convenience, the following at no additional cost to the Contractor and for the purposes of fulfilling the duties under this contract. These items are all located at South Coast AQMD Headquarters in Diamond Bar, California:

1. computer, printer, scanner and digital camera
2. telephone and copier machine
3. miscellaneous general office supplies
4. on-site print shop services
5. on-site mail services (postage & handling)
6. on-site office space and office furnishings including access and use of conference center facilities
7. on-site parking

The period of performance will be for a base 24-month term beginning January 1, 2022 and ending December 31, 2023. The contract will contain an option provision to renew the contract for an additional 24-month term based upon the MSRC's determination of satisfactory performance by the Technical Advisor. Supplemental funding for each additional term of the contract will require review and approval by the MSRC and subsequent SCAQMD approval as part of the MSRC Work Program and is contingent upon this review and approval.

INDEX - The following Sections are contained in this RFP:

Section I	Introduction/Background Information
Section II	Contact Persons
Section III	Schedule of Events
Section IV	Statement of Work/Schedule of Deliverables
Section V	Required Qualifications

Section VI	Proposal Format and Submittal Requirements
Section VII	Proposal Submission
Section VIII	Audit Procedures
Section IX	Proposal Evaluation Process
Section X	Contractor Selection Criteria
Section XI	DVBE/Local Business/Small Business Status
Section XII	Draft Standard Contract
	Attachment A - Certifications and Representations

## **SECTION I: INTRODUCTION/BACKGROUND INFORMATION**

In September 1990, Assembly Bill 2766 was signed into law (Health & Safety Code Sections 44220-44247). This legislation authorizes the imposition of an additional motor vehicle registration fee of \$2 in 1991 and \$4 in 1992 and subsequent years to fund the implementation of programs to reduce air pollution from mobile sources pursuant to air quality management plans and provisions of the California Clean Air Act. The provisions of the bill stated that the fee would be imposed by non-attainment air pollution control districts upon the approval of the fee and a corresponding program to reduce mobile source air pollution by the Governing Board of the SCAQMD. In November of 1990, the SCAQMD Governing Board approved the \$2 fee to be levied beginning April 1, 1991, and the \$4 fee to be levied on April 1, 1992, and thereafter.

AB 2766 also provided that the monies collected by the Department of Motor Vehicles would be distributed to the SCAQMD for distribution in the following manner: thirty cents of every dollar shall be used by the SCAQMD for programs to reduce air pollution from motor vehicles and to carry out planning, monitoring, enforcement and technical studies which are authorized by, or necessary to implement, the California Clean Air Act; forty cents of every dollar shall be distributed by the SCAQMD to cities and counties located in the South Coast District to be used to reduce mobile source air pollution; and thirty cents of every dollar shall be deposited by the SCAQMD in a discretionary account (the AB 2766 Discretionary Fund) to be used to implement or monitor programs to reduce motor vehicle air pollution.

To determine which projects should be funded by the AB 2766 Discretionary Fund, AB 2766 called for the creation of the MSRC (Health & Safety Code Section 44244) to: 1) develop a Work Program for evaluating programs; 2) evaluate said programs; and 3) make a final recommendation to the South Coast AQMD Governing Board as to which programs and/or projects should be funded. The legislation also called for the formation of the MSRC-TAC to assist and advise the MSRC.

Technical Advisor services will be funded through the AB 2766 Discretionary Fund and will provide technical assistance in evaluation of proposed AB 2766 Discretionary Fund projects, monitor the technical performance of AB 2766 Discretionary Fund contractors, review all final reports on AB 2766 Discretionary Fund projects, keep the MSRC and MSRC-TAC apprised on the latest technologies and scientific developments which may affect AB 2766 Discretionary Fund projects, and prepare the annual California Air Resources Board (ARB) required report assessing the emissions benefits and cost effectiveness of AB 2766 Discretionary Fund projects.

The MSRC has not established a budget for Technical Advisor services for the subject period. As a point of reference, however, the MSRC's last award for Technical Advisor provided \$350,000 for an initial 27-month term and \$363,300 for the two-year option term.

For more information on the MSRC and the AB 2766 Discretionary Fund, please visit their website at [www.CleanTransportationFunding.org](http://www.CleanTransportationFunding.org). The South Coast AQMD acts as the contracting and fiduciary agency for the MSRC. For more information on the Soast Coast AQMD, the air pollution control agency for all of Orange County and the urban portions of Los Angeles, Riverside and San Bernardino counties, which is the smoggiest region in the U.S., please visit their website at [www.aqmd.gov](http://www.aqmd.gov).

**SECTION II: CONTACT PERSONS**

Questions regarding the content or intent of this RFP or on procedural matters should be addressed to:

**Mr. Dean Hughbanks, Procurement Manager**  
South Coast AQMD  
21865 Copley Drive  
Diamond Bar, CA 91765-4178  
(909) 396-2808

General questions regarding this RFP, including the scope of work, please contact:

**Ms. Jenny Chan**  
MSRC-TAC Chair  
Riverside County Transportation Commission  
Phone: (951) 787-7141  
E-mail: JChan@RCTC.org

Technical questions regarding this RFP, please contact:

**Mr. Aaron Katzenstein**  
South Coast AQMD  
21865 Copley Drive  
Diamond Bar, CA 91765  
Phone: (909) 396-2219  
Email: akatzenstein@aqmd.gov

**SECTION III: SCHEDULE OF EVENTS**

September 3, 2021	RFP Released
October 14, 2021	All Proposals Due by 2:00 p.m.
October 15-22	Proposal Evaluation Period
October 22, 2021 by Noon	Notification of Interview on or around October 27
On or around October 27, 2021	Interviews of Top-Ranked Bidders 9 am to 5 pm (at discretion of Subcommittee)
November 4, 2021	MSRC-TAC Mtg/Recommendations
November 18, 2021	MSRC Mtg/Proposal Review & Approval
December 3, 2021	Governing Board Approval of Contract



It is up to the discretion of the MSRC-TAC Technical Advisor Evaluation Subcommittee whether or not interviews will be conducted. Proposers which meet the minimum RFP criteria shall be notified by Noon on October 22, 2021, as to whether or not an interview will be conducted on or around October 27, 2021, and the time. If interviews are held, interviews are a **MANDATORY** requirement of this RFP. If the Bidder is unable to attend an interview either by phone, Zoom meeting application or in person at the MSRC offices, then the Bidder will be disqualified from this RFP process. Primary team members or key personnel (who would be performing the deliverables under the contract) shall be part of the interview process.

#### **SECTION IV: STATEMENT OF WORK/SCHEDULE OF DELIVERABLES**

The following Statement of Work becomes an integral part of the Contract. The Contractor shall perform the following tasks in support of the AB 2766 Discretionary Fund Program:

##### **Task 1 – RFP and Contract Preparation Assistance**

###### **1.1 Preparation of AB 2766 Discretionary Fund Solicitations**

Contractor will provide support in the preparation of Requests for Proposals (RFPs) and/or Program Announcements, as appropriate, for the Work Program categories as established and approved by the MSRC. This support shall include, but not be limited to, preparation of category RFPs including the statements of work, verification of the accuracy of technical information to be provided in the RFPs, and drafting appropriate evaluation criteria. Throughout the RFP and Contract preparation period, Proposer shall communicate significant questions/concerns to the Evaluation Committee, the MSRC-TAC and the MSRC as necessary, including, but not limited to verbal notifications and/or supplemental bulletins.

###### **1.2 Bidders' Conference(s) and/or Proposer Assistance**

Based upon RFPs approved by the MSRC, should Bidders' Conference(s) be required, Contractor will prepare and present technical information relative to the RFPs at the Bidders' Conference(s), any technical workshops, or requests made through individuals. Types of information which may be prepared and presented by CONTRACTOR may include, but are not necessarily limited to:

- a. brief overview on the background of the Discretionary Fund program;
- b. description of the RFP categories for which proposals are sought;
- c. discussion of the RFP requirements;
- d. proposal preparation instructions;
- e. examples of statements of works;
- f. proposal preparation checklist;
- g. emissions calculation methodologies.

Throughout the proposal preparation period as outlined in each RFP, Contractor will be available to respond to technical questions raised at all Bidders' Conferences, workshops, or via individual requests.

### 1.3 Proposal Evaluation Support

Contractor will provide technical assistance to the MSRC-TAC Evaluation Subcommittees including but not limited to assessment of proposals' overall technical merit, assessment of proposed projects' technical feasibility and probability of achieving proposed objectives, and verification of proposed emissions benefit calculations. Contractor may be asked to provide comments in written form or by means of an oral presentation to the Evaluation Subcommittees. Contractor shall advise the Evaluation Subcommittees on the effectiveness of past projects in the areas proposed and inform the Evaluation Subcommittees regarding proposed projects which duplicate work being funded by other sources and any relevant regulatory requirements that may apply to the proposed projects. Contractor shall provide independent, objective technical advice to the Evaluation Subcommittees, but shall not score proposals. Contractor shall compile the results of the Subcommittees' evaluation and scoring. Should the MSRC require within a specific RFP, evaluation criteria based on emission and quantitative criteria only, MSRC may direct Contractor to evaluate proposals submitted within that category, and present final results to the Evaluation Subcommittee. Where appropriate, Contractor shall provide information from documented sources in relevant technical fields to support his/her technical conclusions.

### 1.4 Review and Prepare Contract Work Statements

Upon award by the MSRC and during the contract preparation period, Contractor will review statements of work for technical adequacy on an as-needed basis. Contractor shall work directly with MSRC staff and/or AB 2766 awardees to revise inadequate statements of work and resolve technical issues.

### 1.5 Prepare and Present Debriefs for Proposals Not Recommended for Funding

Upon direction by the MSRC, or upon bidder's request, Contractor may be required to prepare and present debriefs to unsuccessful AB 2766 bidders. These will be performed one-on-one with the unsuccessful bidders or via a written report. This activity will be coordinated with the appropriate MSRC-TAC evaluation subcommittee chair and MSRC staff.

## **Task 2 – Work Program Support**

### 2.1 Progress Report Technical Evaluation

On an as-needed basis, Contractor will review and evaluate AB 2766 Discretionary Fund progress reports relative to technical issues and concerns. Contractor will recommend a course of action to resolve technical issues identified during progress report review and participate in face-to-face or remote meetings with contractors as required. Contractor will notify the MSRC-TAC and the MSRC of any technical problems that should arise from Contractor's review of Progress Reports.

### 2.2 Final Report Evaluation

Contractor will review and evaluate all AB 2766 Discretionary Fund Final Reports. Contractor will quantify emissions benefits and cost effectiveness of each final report using methodologies approved by the ARB. Final reports shall be submitted to the MSRC-TAC and MSRC on a monthly basis, for final review/approval.

### 2.3 Invoice Technical Evaluation

On an as-needed basis, Contractor will review and evaluate AB 2766 Discretionary Fund work program invoices relative to the appropriateness of charges in fulfillment of statement of work technical requirements. Contractor will recommend a course of action to resolve concerns identified during invoice review. If required, Contractor shall notify MSRC-TAC and MSRC of any technical concerns/issues that cannot be remedied.

### 2.4 Technical Review Meetings and Visits to Contractor Facilities

As required, Contractor will conduct technical review meetings with AB 2766 contractors and will visit contractor facilities as required to physically verify reported progress on AB 2766 projects.

### 2.5 Work Program Development Support

Contractor will provide technical support to the MSRC during its review of past Work Programs, as well as the development of its future work program(s). This process may include one to three separate meetings/workshops, where the Proposer would be responsible for:

- a. coordinating speakers (ARB, SCAQMD, to name a few) on their respective programs and areas of focus,
- b. preparing presentation materials (including power points and spreadsheets),
- c. summarizing past MSRC-funded projects and results, including emissions and cost-effectiveness assessments,
- d. identifying current and upcoming state of the art technologies, relevant to the MSRC funded programs,
- e. identifying mobile source emissions reductions programs and initiatives being funded by other sources,
- f. identifying local, state and federal regulations/rules impacting possible MSRC-funded programs, including, but not limited to relevant AQMP strategies and control measures ,
- g. recommendations on possible work program categories, as well as suggestions on how to improve the technical quality of AB 2766 projects,
- h. steps and/or barriers to implementing possible work program categories, and
- i. summarizing resulting MSRC priorities from these various meetings/workshops.

Proposer will work closely with MSRC staff, MSRC-TAC Chair, MSRC-TAC Subcommittee Chairs and the MSRC Chair in the coordination and presentation of materials at these meetings/workshops, as well as be responsible for summarizing results of workshops, and presenting results at future meetings.

### 2.6 Areas of Expertise/Support Required for Annual Work Programs

Contractor will provide technical support, as necessary, for the MSRC's annual Work Program to include, but not be limited to, the following technical areas:

- a. Alternative fuel infrastructure, implementation and operations
- b. Clean-fuel technologies, for light, medium and heavy duty vehicles (including both on- and off-road vehicles), including engine technologies and retrofit technologies for a variety of alternative fuels
- c. Vehicle emission control and low carbon fuel technologies

- d. Local, State and Federal air quality and related climate change regulations
- e. Technologies in the early deployment stage, such as fuel cells, hydrogen technology, advanced batteries, to name a few
- f. Transportation control measure strategies, such as ridesharing, non-motorized transportation, to name a few
- g. Research and development issues, impacting the above technologies
- h. Requirements of the Health & Safety Codes, as well as MSRC policies and procedures
- i. ARB certification and verification processes
- j. Other areas as deemed appropriate by the MSRC

## 2.7 Vehicle Incentive Program Support

Upon direction by the MSRC, Contractor will provide technical and operational support to any of MSRC's vehicle incentive programs including, but not limited to, developing manufacturer qualifications, reviewing and evaluating vehicle manufacturer's qualification packets, program implementation, and monitoring.

## **Task 3 – General/Other Support**

### 3.1 Annual ARB Report on AB 2766 Projects

Contractor will prepare the annual ARB report on the assessment of emissions benefits and cost effectiveness for AB 2766 Discretionary Fund projects using the ARB provided electronic format. The AB 2766 Discretionary Fund data will be integrated with South Coast AQMD generated data for submission to the ARB.

### 3.2 Professional Symposia and Technical Conferences

At the direction of the MSRC, Contractor will attend professional symposia and technical conferences related to AB 2766 Discretionary Fund Work Program areas. Contractor may, from time to time, be asked to prepare and/or present technical papers on behalf of the MSRC, or to provide technical information/support to MSRC-TAC and/or MSRC members at such events.

### 3.3 Meeting Attendance

Contractor will attend the monthly MSRC-TAC and MSRC meetings (typically scheduled monthly on the first and third Thursdays, respectively) and bidder's conferences. Contractor attendance may be required at MSRC-TAC Evaluation Subcommittees, as well as other meetings as required. Most meetings are held at the South Coast AQMD offices. Contractor will be required to prepare for all meetings, including materials/handouts, as well as consulting with MSRC-TAC and/or Subcommittee Chairs and MSRC staff as needed. Contractor may also be required to attend monthly South Coast AQMD Governing Board meetings (typically first Friday of the month) when MSRC items are on the Board agenda, and shall respond to questions by Governing Board members, as needed.

### 3.4 Special Projects/Other Related Duties

Contractor will support any special projects and will provide assistance to other duties, as requested/directed by the MSRC. It is conceivable the MSRC may direct special projects on a task-order basis and/or may direct or allow the Technical Advisor to subcontract a special task, in which case a not-to-exceed amount for the task order or subcontract work will be identified and included in the contract at the time of execution or through a future contract amendment.

### 3.5 Assistance to MSRC Outreach Coordinator

Contractor will assist the MSRC Outreach Coordinator in the review of documents and materials which contain technical material, providing information on emissions reductions of MSRC programs. Contractor shall review any other public outreach materials generated by the MSRC, as well as provide input into technical sections of the MSRC website.

## **Task 4 - Contract Deliverables**

### 4.1 Final Report Summaries

No later than the last Thursday of every month, Contractor will submit summaries of all final reports received, evaluated and finalized for inclusion in the MSRC-TAC agenda.

### 4.2 Materials

As appropriate, Contractor will provide copies of presentation material, hand-out materials, PowerPoint presentations and other materials, as described in Tasks 1, 2 and 3 above, to the appropriate MSRC Chair, MSRC-TAC Chair, or Subcommittee Chair. Materials for the MSRC-TAC Agenda packets are due by the last Thursday of each month, and materials for the MSRC Agenda packet are due by no later than the second Thursday of each month.

### 4.3 ARB Final Report - as defined in Task 3.1 above.

## **SECTION V: MINIMUM QUALIFICATIONS**

The successful bidder must meet the following minimum qualifications and demonstrate an understanding of the MSRC's mission. Individuals can team to submit a joint proposal should they have complementary expertise and qualifications that collectively meet the requirements. Key team members to perform Technical Advisor services to the MSRC must possess minimum years of experience in Items 2 and 3 below.

1. B.A. or B.S. in engineering, environmental science, urban planning, or other related disciplines.
2. Five years of experience in managing technical projects
3. Five years of experience working with public agencies and elected officials.
4. Knowledge of local, state and federal air quality laws and regulations.
5. Familiarity with South Coast AQMD programs and regulations for mobile sources, as well as EPA and ARB approved methodologies for calculating emissions benefits and cost effectiveness.

6. Understanding of technologies and scientific developments related to reduction of air pollution from mobile sources, to include, but not be limited to, alternative fuel vehicles and infrastructure, alternative fueling infrastructure, fuel cell technology and transportation control measures.
7. The ability to quickly respond, on short notice, to requests for technical assistance.
8. Established relationships with equipment manufacturers and industry and professional associations.

In addition to the minimum qualifications above, the most competitively qualified candidates will possess thorough knowledge of the strategies in the South Coast AQMD's Air Quality Management Plan, as well as thorough knowledge of South Coast AQMD incentive programs.

Include detailed description of experience, education and training of Proposer and key staff. Also indicate proof of qualification requirements such as licenses, memberships and/or endorsements. Proposer must submit a resume or similar statement of qualifications including, but not limited to, educational degrees and area of study, summary of relevant professional experience, list of technical publications, organizational affiliations, and other information which demonstrates Proposer's knowledge of laws and regulations pertaining to air quality and current and emerging technologies related to reduction of mobile source air pollution, and experience interacting with State agencies.

#### **SECTION VI: PROPOSAL FORMAT AND SUBMITTAL REQUIREMENTS**

Submitted proposals must follow the format outlined below and all requested information must be supplied. Failure to submit proposals in the required format will result in elimination from proposal evaluation.

**Proposals must be submitted electronically in PDF format using the MSRC Website.** We believe this benefits the proposer, the MSRC staff, and the environment. A tutorial has been developed to guide proposers step by step through the electronic proposal submittal process; this tutorial is available on the MSRC [www.cleantransportationfunding.org](http://www.cleantransportationfunding.org) website at this link: [http://www.cleantransportationfunding.org/sites/default/files/downloads/Guide%20to%20Using%20the%20Website v3.pdf](http://www.cleantransportationfunding.org/sites/default/files/downloads/Guide%20to%20Using%20the%20Website%20v3.pdf)

*Note that the tutorial is one section of the Contractor Guide for Using the Website.* You will not see the screens pictured until after you have registered as a Contractor on the website. If you are registering a new account on the site, make sure you select the "Contractor" role.

**Format** - The maximum length of proposals accepted will be thirty (30) pages. All pages and appendices must be numbered. Technical appendices of no more than fifty (50) pages, including information on bidder's past projects and experience, may be attached.

**Cover Letter** - Transmittal of the proposal must specify the subject of the proposal, the MSRC RFP number, and Bidder's name, address, telephone number and e-mail address. The letter shall specify contact person(s) for technical and contractual matters, and be signed by the person(s) authorized to contractually bind the bidding entity. For joint proposals (from more than one entity and/or consultant) the bidder must include a statement confirming authorization to act on behalf of other co-bidders. The bidder must include a letter of support or memorandum of understanding, including project contact name, telephone and fax number, from all proposing

entities. Proposer will acknowledge that the interview date is on or around October 27, 2021 and that Proposer, including key personnel who would be performing contract deliverables, intends to be available for that date. Proposal should also acknowledge that proposal shall constitute a firm offer and may not be withdrawn for a period of ninety (90) days following the last day to accept proposals, and that they have checked the website for addenda and/or supplementary information to the RFP; failure to do so may disqualify the bidder.

Table of Contents - Clearly identify material contained in the proposal by section and page number.

SECTION 1 - Technical Approach for Accomplishing the Statement of Work: List, and concisely describe approach to the tasks and subtasks, and milestones if any and if appropriate. The tasks and subtask descriptions shall be sufficiently specific for inclusion into a binding contractual document.

SECTION 2 - Program Schedule: Since the majority of the work performed is per the direction of the MSRC, or is based on milestones as established by the MSRC or another agency such as the ARB, a program schedule is not required. However, in this section, please identify if there may be any conflicts in completing all the tasks, or any issues related to task delivery.

SECTION 3 - Project Organization: This section should describe the labor organization required to perform the proposed services. This section should include assigned personnel and any subcontractors. Resumes of assigned personnel and anticipated subcontractors should be included in the proposal. As part of your proposal, certify that you are a legal entity capable of entering into contracts within the State of California.

SECTION 4 - Conflict of Interest – Address possible conflicts of interest with other clients affected by actions performed by the firm on behalf of the MSRC. Provide a list of current clients. Although the Proposer will not be automatically disqualified by reason of work performed for such firms, MSRC reserves the right to consider the nature and extent of such work in evaluating the proposal and in issuing future task orders.

Please note that the Technical Advisor will be subject to the requirements and restrictions of the South Coast AQMD Conflicts of Interest Code, as well as state law and regulations governing economic conflicts of interest. The following language (or similar) will be included in the Technical Advisor's contract:

As a condition of the contract, as the Technical Advisor of the MSRC, CONTRACTOR agrees to avoid any actual or perceived conflicts of interest between CONTRACTOR's economic interests and its duties under the contract. To ensure that no conflicts exist with CONTRACTOR's other clients, CONTRACTOR agrees to immediately notify SCAQMD of any potential conflicts of interest prior to entering into or renewing a contract with any person, company, organization or governmental entity that CONTRACTOR reasonably foresees will apply to receive funding from the MSRC during the term of this contract

SECTION 5 - Cost Schedule: This schedule should include a full and complete cost element breakdown by Statement of Work Task. The cost schedule must include:

- a. Total Proposed Cost - include total proposed cost for the base 27-month term as well as the 24-month option term.

- b. Labor - identify each professional category of direct project support, the number of hours by Task, and the fully burdened rate per hour. Provide an explanation for the overall fully burdened rate per hour per professional category, and how that rate was obtained (including a breakout and explanation for overhead, fringe, other general and administrative expenses, and profit). If subcontractors are not identified, provide an estimate of their rates of compensation and number of hours or days the subcontractor's services will be utilized. The Bidder is required to certify as part of their proposal submission that the prime contractor and subcontractor rates contained in the proposal are no higher than the rates offered to the prime or subcontractor's most favored customer.
- c. Travel and Related Expenses - Please confirm that the technical expert can meet the District's practice in charging travel and related expenses stated below.
  - 1. Will not pay for interest or fees accrued on credit cards, when using credit cards for payments.
  - 2. Will pay a maximum of \$150 per day for lodging, unless prior written approval is received from the SCAQMD.
  - 3. Will pay class C or economy rates for automobile rental, unless prior written approval is received from the SCAQMD.
  - 4. Will only pay coach rate for airfare.
  - 5. Will not pay profit or fee on charges for supplies, equipment, travel, and subcontractors.
  - 6. Will reimburse mileage at the current SCAQMD rate (currently \$0.535 per mile).
  - 7. Will reimburse for meals, based on the current SCAQMD rate (currently a maximum of \$50.00/day for meals).
  - 8. Will reimburse costs on an as-incurred basis only.
  - 9. Charges for supplies, equipment, and subcontractors will be paid at cost. No profit will be paid on these costs.
- d. Supplies and Equipment - Capital costs are not eligible for funding. Provide an itemized list of supplies and equipment to be used and/or purchased and reimbursed for under this contract (include item brand, cost and purpose).
- e. Subcontractor Costs - Identify subcontractors by name, the basis for the subcontractors selection and describe in detail the work the subcontractors will be hired to perform, list their cost per hour or per day, and the number of hours or days their services will be used.
- f. Miscellaneous Costs - if any

SECTION 6 - Past Performance: This section must include the following information on at least three contracts for similar or related projects which the Proposer has performed in the past five years:

- a. a brief description of the project;
- b. the contract value at inception and expiration (any cost growth should be explained);
- c. the period of contract performance;
- d. the contract type, such as fixed price, T&M or cost reimbursement; and
- e. the name and telephone number of the contracting agency's representative.



SECTION 7 - All certifications and representations (see Attachment A to this RFP) must also be provided.

**SECTION VII: PROPOSAL SUBMISSION**

All proposals must be submitted according to specifications set forth in the section above. Failure to adhere to these specifications may be cause for rejection of proposal.

Signature - All proposals should be signed by an authorized representative of the Proposer.

Due Date - All proposals are due no later than 2:00 p.m., October 14, 2021. Proposers are encouraged to start early in case of any issues encountered with the electronic submission process. Late bids/proposals and proposals submitted via email and/or by FAX will not be accepted. **Please note that any proposal received at 2:01 p.m. or later on October 14, 2021, will not be evaluated and will not be eligible for MSRC funding.** NO exceptions for any reason will be granted. Any correction or re-submission done by the bidder will not extend the submittal due date.

Addenda - MSRC may modify the RFP and/or issue supplementary information or guidelines relating to the RFP during the proposal preparation period, from September 3, 2021 through October 14, 2021, at 2:00 p.m. Check back on the MSRC's website periodically throughout this open bid period for supplementary information or guidelines.

Disposition of Proposals - MSRC reserves the right to reject any or all proposals. All responses become the property of MSRC.

Modification or Withdrawal - Once submitted, proposals cannot be altered without the prior written consent of South Coast AQMD. All proposals shall constitute firm offers and may not be withdrawn for a period of ninety (90) days following the last day to accept proposals; this shall be noted in the Cover Letter required under Section VI.

**SECTION VIII: AUDIT PROCEDURES**

The AB 2766 legislation requires that the South Coast AQMD, at least once every two years, undertake an audit of programs or projects funded. The audit is to be conducted by an independent auditor selected by the South Coast AQMD. Any bidder who receives monies from the AB 2766 Discretionary Fund may, at least once every two years, be subject to an audit of each program or project funded.

Under the completion of an audit, the South Coast AQMD will make the audit available to the public and to the bidder upon request and will review the audit to determine if the monies were used for the reduction of air pollution from motor vehicles pursuant to the California Clean Air Act of 1988. If the South Coast AQMD determines that the monies were expended in a manner contrary to law, the SCAQMD will notify the contractor of the determination and, within 45 days, may hold a public hearing at which the contractor may present information related to the expenditure of monies.

**SECTION IX: PROPOSAL EVALUATION PROCESS**

An Evaluation Subcommittee of the MSRC-TAC will evaluate all proposals to determine responsiveness to the RFP. South Coast AQMD staff may provide administrative and technical assistance during the proposal evaluation process.

Proposals will be evaluated and points awarded based upon the criteria outlined in Section X. The evaluation criteria are included to provide the bidder additional guidance as to the particular components of the proposal that will be evaluated. The top-ranked bidders may be interviewed by an Evaluation Subcommittee of the MSRC-TAC on or around Wednesday, October 27, 2021. Bidders will be notified by noon on Friday October 22, 2021, if they are invited to the interview process. If interviews are held, participation in the interview process on the date set aside is a MANDATORY requirement of this RFP. Primary team members or key personnel (who would be performing the deliverables under the contract) shall be part of the interview process.

At the completion of the evaluation process, the MSRC will consider and vote on the Subcommittee recommendation at its November 18, 2021 meeting. The MSRC's contract award is subject to approval by the South Coast AQMD Governing Board to execute a contract with the successful bidder. The resulting contract will include a key personnel clause.

**NOTE:** Pursuant to the Brown Act, public comments are allowed at MSRC and MSRC-TAC meetings during the "public comment" period and on any specific agenda item. All bidders have the opportunity to attend full committee meetings and are encouraged to do so.

**SECTION X: CONTRACTOR SELECTION CRITERIA**

An Evaluation Subcommittee of the MSRC-TAC will identify the successful bidder as the one with the highest-scored proposal based upon the following evaluation criteria. The recommended selection will be forwarded to the MSRC-TAC and MSRC for their consideration. Final selection by the MSRC will be made on November 18, 2021, and submitted to the South Coast AQMD Governing Board for consideration and approval at its December 3, 2021 meeting.

The maximum score available is 100 points.

**#1: Technical Qualifications/Experience**

**40 Points**

The Proposer will be evaluated based on their educational credentials, experience managing technical projects, experience working with public agencies/elected officials, knowledge of technologies and scientific developments related to reduction of mobile source air pollution, experience using ARB methodologies to calculate emissions benefits and knowledge of local, state and federal air quality laws/regulations.

**#2: Technical Approach**

**20 Points**

The Proposer will be evaluated based on their understanding of the statement of work requirements as well as the outlined approach for interfacing with MSRC, MSRC-TAC, MSRC staff, other government agencies, industry

groups, and members of the public. This interface includes an understanding/experience for resolving conflicts, method for establishing priorities and protocol for responding to requests for information.

**3#: Proposed Cost**

**20 Points**

Maximum points will be awarded to the Proposer offering the lowest fully burdened labor rates during the base term (two years) and the option (two-year term). Points awarded to other Proposers will be prorated based on the lowest proposed rate.

**#4: Past Performance**

**10 Points**

Quality of past performance on similar or related projects performed in the past five years based upon verification of the information provided in proposal.

**#5: DVBE/Local Business/Small Business Status**

**10 Points**

Certified as DVBE, local business and/or small business as described in Section XI of this RFP.

**Maximum Point Award**

**100 points**

**SECTION XI: DVBE/LOCAL BUSINESS/SMALL BUSINESS STATUS**

On May 27, 1999, the MSRC approved a policy regarding other evaluation factors for inclusion in MSRC procurements. MSRC procurements, where the services/product solicited are assistance to the MSRC in implementing its work program and where a portion or all of these services are not readily quantifiable, the MSRC shall only have the following "Other" Criteria in the evaluation component of the procurements which do not emphasize quantifiable emissions reductions:

It is the policy of the MSRC to encourage participation by disabled veteran business entities, local businesses and small business and in the bidding process. The MSRC shall provide five (5) points each for Proposers who meet the following criteria, with the maximum points available not-to-exceed ten (10) points. Points shall only be awarded should the Proposer, upon submission of its proposal, provide documents from a state or local agency certifying that it qualifies in the categories described below:

**#1 "Disabled Veteran"** as used herein is a United States military, a naval, or air service veteran with at least 10 percent service-connected disability. "Disabled Veteran Business Enterprise" as used herein means a sole proprietorship or partnership or corporation which is at least 51 percent owned by one or more disabled veterans and whose management and control of the daily business operations are by one or more disabled veterans.

**#2 "Local Business"** as used herein means a Proposer which can demonstrate that it has an on-going business within the South Coast AQMD at the time of the bid application and performs 90% of the work related to the contract with the South Coast AQMD.

**#3 "Small Business"** as used herein means a business that is:

- 1) independently owned and operated business, and
- 2) is not dominant in its field of operation and

- 3) together with affiliates is either a service, construction, or non-manufacturer with 100 or fewer employees, and average annual gross receipts of ten million dollars or less over the previous three years, or a manufacturer with 100 or fewer employees.

## **SECTION XII - DRAFT SAMPLE CONTRACT**

Bidders whose projects are selected for funding must enter into a Time & Materials (T&M) type contract with the South Coast AQMD as a condition of receiving funds. Contract preparation will begin immediately upon approval by the South Coast AQMD Governing Board.

A sample South Coast AQMD contract document may be downloaded from this page: <http://www.aqmd.gov/grants-bids>. Each bidder should review the sample contract for all possible exceptions to the boilerplate provisions. Any exceptions to the sample contract terms and conditions should be identified in the proposal. Please note that this is a sample only, and the MSRC may modify provisions.

Attachment A: Certifications



# South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178  
(909) 396-2000 • [www.aqmd.gov](http://www.aqmd.gov)

## BUSINESS INFORMATION REQUEST

Business Name	
Division of	
Subsidiary of	
Website Address	
Type of Business <i>Check One:</i>	<input type="checkbox"/> Individual <input type="checkbox"/> DBA, Name _____, County Filed in _____ <input type="checkbox"/> Corporation, ID No. _____ <input type="checkbox"/> LLC/LLP, ID No. _____ <input type="checkbox"/> Other _____

## REMITTING ADDRESS INFORMATION

Address			
City/Town			
State/Province		Zip	
Phone	(    )    -    Ext	Fax	(    )    -
Contact		Title	
E-mail Address			
Payment Name if Different			

## BUSINESS STATUS CERTIFICATIONS

Federal guidance for utilization of disadvantaged business enterprises allows a vendor to be deemed a small business enterprise (SBE), minority business enterprise (MBE) or women business enterprise (WBE) if it meets the criteria below.

- is certified by the Small Business Administration or
- is certified by a state or federal agency or
- is an independent MBE(s) or WBE(s) business concern which is at least 51 percent owned and controlled by minority group member(s) who are citizens of the United States.

### Statements of certification:

As a prime contractor to South Coast AQMD, \_\_\_\_\_ (name of business) will engage in good faith efforts to achieve the fair share in accordance with 40 CFR Section 33.301, and will follow the six affirmative steps listed below **for contracts or purchase orders funded in whole or in part by federal grants and contracts.**

1. Place qualified SBEs, MBEs, and WBEs on solicitation lists.
2. Assure that SBEs, MBEs, and WBEs are solicited whenever possible.
3. When economically feasible, divide total requirements into small tasks or quantities to permit greater participation by SBEs, MBEs, and WBEs.
4. Establish delivery schedules, if possible, to encourage participation by SBEs, MBEs, and WBEs.
5. Use services of Small Business Administration, Minority Business Development Agency of the Department of Commerce, and/or any agency authorized as a clearinghouse for SBEs, MBEs, and WBEs.
6. If subcontracts are to be let, take the above affirmative steps.

### Self-Certification Verification: Also for use in awarding additional points, as applicable, in accordance with South Coast AQMD Procurement Policy and Procedure:

Check all that apply:

- |   |  |
|---|--|
| <input type="checkbox"/> Small Business Enterprise/Small Business Joint Venture | <input type="checkbox"/> Women-owned Business Enterprise                               |
| <input type="checkbox"/> Local business   | <input type="checkbox"/> Disabled Veteran-owned Business Enterprise/DVBE Joint Venture |
| <input type="checkbox"/> Minority-owned Business Enterprise                     | <input type="checkbox"/> Most Favored Customer Pricing Certification                   |

Percent of ownership: \_\_\_\_\_ %

Name of Qualifying Owner(s): \_\_\_\_\_

**State of California Public Works Contractor Registration No. \_\_\_\_\_ . MUST BE INCLUDED IF BID PROPOSAL IS FOR PUBLIC WORKS PROJECT.**

I, the undersigned, hereby declare that to the best of my knowledge the above information is accurate. Upon penalty of perjury, I certify information submitted is factual.

\_\_\_\_\_  
A. NAME

\_\_\_\_\_  
TITLE

\_\_\_\_\_  
B. TELEPHONE NUMBER

\_\_\_\_\_  
DATE

## Definitions

**Disabled Veteran-Owned Business Enterprise** means a business that meets all of the following criteria:

- is a sole proprietorship or partnership of which is at least 51 percent owned by one or more disabled veterans, or in the case of any business whose stock is publicly held, at least 51 percent of the stock is owned by one or more disabled veterans; a subsidiary which is wholly owned by a parent corporation but only if at least 51 percent of the voting stock of the parent corporation is owned by one or more disabled veterans; or a joint venture in which at least 51 percent of the joint venture's management and control and earnings are held by one or more disabled veterans.
- the management and control of the daily business operations are by one or more disabled veterans. The disabled veterans who exercise management and control are not required to be the same disabled veterans as the owners of the business.
- is a sole proprietorship, corporation, partnership, or joint venture with its primary headquarters office located in the United States and which is not a branch or subsidiary of a foreign corporation, firm, or other foreign-based business.

**Joint Venture** means that one party to the joint venture is a DVBE and owns at least 51 percent of the joint venture. In the case of a joint venture formed for a single project this means that DVBE will receive at least 51 percent of the project dollars.

**Local Business** means a business that meets all of the following criteria:

- has an ongoing business within the boundary of South Coast AQMD at the time of bid application.
- performs 90 percent of the work within South Coast AQMD's jurisdiction.

**Minority-Owned Business Enterprise** means a business that meets all of the following criteria:

- is at least 51 percent owned by one or more minority persons or in the case of any business whose stock is publicly held, at least 51 percent of the stock is owned by one or more minority persons.
- is a business whose management and daily business operations are controlled or owned by one or more minority person.
- is a business which is a sole proprietorship, corporation, partnership, joint venture, an association, or a cooperative with its primary headquarters office located in the United States, which is not a branch or subsidiary of a foreign corporation, foreign firm, or other foreign business.

"Minority" person means a Black American, Hispanic American, Native American (including American Indian, Eskimo, Aleut, and Native Hawaiian), Asian-Indian American (including a person whose origins are from India, Pakistan, or Bangladesh), Asian-Pacific American (including a person whose origins are from Japan, China, the Philippines, Vietnam, Korea, Samoa, Guam, the United States Trust Territories of the Pacific, Northern Marianas, Laos, Cambodia, or Taiwan).

**Small Business Enterprise** means a business that meets the following criteria:

- a. 1) an independently owned and operated business; 2) not dominant in its field of operation; 3) together with affiliates is either:
  - **A service, construction, or non-manufacturer with 100 or fewer employees, and average annual gross receipts of ten million dollars (\$10,000,000) or less over the previous three years, or**
  - A manufacturer with 100 or fewer employees.
- b. Manufacturer means a business that is both of the following:
  - 1) Primarily engaged in the chemical or mechanical transformation of raw materials or processed substances into new products.
  - 2) Classified between Codes 311000 to 339000, inclusive, of the North American Industrial Classification System (NAICS) Manual published by the United States Office of Management and Budget, 2007 edition.

**Small Business Joint Venture** means that one party to the joint venture is a Small Business and owns at least 51 percent of the joint venture. In the case of a joint venture formed for a single project this means that the Small Business will receive at least 51 percent of the project dollars.

**Women-Owned Business Enterprise** means a business that meets all of the following criteria:

- is at least 51 percent owned by one or more women or in the case of any business whose stock is publicly held, at least 51 percent of the stock is owned by one or more women.
- is a business whose management and daily business operations are controlled or owned by one or more women.
- is a business which is a sole proprietorship, corporation, partnership, or a joint venture, with its primary headquarters office located in the United States, which is not a branch or subsidiary of a foreign corporation, foreign firm, or other foreign business.

**Most Favored Customer** as used in this policy means that the South Coast AQMD will receive at least as favorable pricing, warranties, conditions, benefits and terms as other customers or clients making similar purchases or receiving similar services.

DRAFT



# Request for Taxpayer Identification Number and Certification

Give Form to the  
requester. Do not  
send to the IRS.

Go to [www.irs.gov/FormW9](http://www.irs.gov/FormW9) for instructions and the latest information.

Print or type. See Specific Instructions on page 3.	1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.	
	2 Business name/disregarded entity name, if different from above	
	3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only <b>one</b> of the following seven boxes. <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ _____ <b>Note:</b> Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is <b>not</b> disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner. <input type="checkbox"/> Other (see instructions) ▶ _____	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <small>(Applies to accounts maintained outside the U.S.)</small>
	5 Address (number, street, and apt. or suite no.) See instructions.	Requester's name and address (optional)
	6 City, state, and ZIP code	
	7 List account number(s) here (optional)	

### Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

**Note:** If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number	
or	
Employer identification number	

### Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

**Certification instructions.** You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here	Signature of U.S. person ▶	Date ▶

### General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

**Future developments.** For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to [www.irs.gov/FormW9](http://www.irs.gov/FormW9).

### Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)  
Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.  
*If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What Is Backup Withholding, later.*

By signing the filled-out form, you:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting*, later, for further information.

**Note:** If you are a U.S. person and a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

**Definition of a U.S. person.** For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien;
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States;
- An estate (other than a foreign estate); or
- A domestic trust (as defined in Regulations section 301.7701-7).

**Special rules for partnerships.** Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax under section 1446 on any foreign partners' share of effectively connected taxable income from such business. Further, in certain cases where a Form W-9 has not been received, the rules under section 1446 require a partnership to presume that a partner is a foreign person, and pay the section 1446 withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid section 1446 withholding on your share of partnership income.

In the cases below, the following person must give Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States.

- In the case of a disregarded entity with a U.S. owner, the U.S. owner of the disregarded entity and not the entity;
- In the case of a grantor trust with a U.S. grantor or other U.S. owner, generally, the U.S. grantor or other U.S. owner of the grantor trust and not the trust; and
- In the case of a U.S. trust (other than a grantor trust), the U.S. trust (other than a grantor trust) and not the beneficiaries of the trust.

**Foreign person.** If you are a foreign person or the U.S. branch of a foreign bank that has elected to be treated as a U.S. person, do not use Form W-9. Instead, use the appropriate Form W-8 or Form 8233 (see Pub. 515, *Withholding of Tax on Nonresident Aliens and Foreign Entities*).

**Nonresident alien who becomes a resident alien.** Generally, only a nonresident alien individual may use the terms of a tax treaty to reduce or eliminate U.S. tax on certain types of income. However, most tax treaties contain a provision known as a "saving clause." Exceptions specified in the saving clause may permit an exemption from tax to continue for certain types of income even after the payee has otherwise become a U.S. resident alien for tax purposes.

If you are a U.S. resident alien who is relying on an exception contained in the saving clause of a tax treaty to claim an exemption from U.S. tax on certain types of income, you must attach a statement to Form W-9 that specifies the following five items.

1. The treaty country. Generally, this must be the same treaty under which you claimed exemption from tax as a nonresident alien.
2. The treaty article addressing the income.
3. The article number (or location) in the tax treaty that contains the saving clause and its exceptions.
4. The type and amount of income that qualifies for the exemption from tax.
5. Sufficient facts to justify the exemption from tax under the terms of the treaty article.

**Example.** Article 20 of the U.S.-China income tax treaty allows an exemption from tax for scholarship income received by a Chinese student temporarily present in the United States. Under U.S. law, this student will become a resident alien for tax purposes if his or her stay in the United States exceeds 5 calendar years. However, paragraph 2 of the first Protocol to the U.S.-China treaty (dated April 30, 1984) allows the provisions of Article 20 to continue to apply even after the Chinese student becomes a resident alien of the United States. A Chinese student who qualifies for this exception (under paragraph 2 of the first protocol) and is relying on this exception to claim an exemption from tax on his or her scholarship or fellowship income would attach to Form W-9 a statement that includes the information described above to support that exemption.

If you are a nonresident alien or a foreign entity, give the requester the appropriate completed Form W-8 or Form 8233.

## Backup Withholding

**What is backup withholding?** Persons making certain payments to you must under certain conditions withhold and pay to the IRS 24% of such payments. This is called "backup withholding." Payments that may be subject to backup withholding include interest, tax-exempt interest, dividends, broker and barter exchange transactions, rents, royalties, nonemployee pay, payments made in settlement of payment card and third party network transactions, and certain payments from fishing boat operators. Real estate transactions are not subject to backup withholding.

You will not be subject to backup withholding on payments you receive if you give the requester your correct TIN, make the proper certifications, and report all your taxable interest and dividends on your tax return.

**Payments you receive will be subject to backup withholding if:**

1. You do not furnish your TIN to the requester,
2. You do not certify your TIN when required (see the instructions for Part II for details),
3. The IRS tells the requester that you furnished an incorrect TIN,
4. The IRS tells you that you are subject to backup withholding because you did not report all your interest and dividends on your tax return (for reportable interest and dividends only), or
5. You do not certify to the requester that you are not subject to backup withholding under 4 above (for reportable interest and dividend accounts opened after 1983 only).

Certain payees and payments are exempt from backup withholding. See *Exempt payee code*, later, and the separate instructions for the Requester of Form W-9 for more information.

Also see *Special rules for partnerships*, earlier.

## What is FATCA Reporting?

The Foreign Account Tax Compliance Act (FATCA) requires a participating foreign financial institution to report all United States account holders that are specified United States persons. Certain payees are exempt from FATCA reporting. See *Exemption from FATCA reporting code*, later, and the instructions for the Requester of Form W-9 for more information.

## Updating Your Information

You must provide updated information to any person to whom you claimed to be an exempt payee if you are no longer an exempt payee and anticipate receiving reportable payments in the future from this person. For example, you may need to provide updated information if you are a C corporation that elects to be an S corporation, or if you no longer are tax exempt. In addition, you must furnish a new Form W-9 if the name or TIN changes for the account; for example, if the grantor of a grantor trust dies.

## Penalties

**Failure to furnish TIN.** If you fail to furnish your correct TIN to a requester, you are subject to a penalty of \$50 for each such failure unless your failure is due to reasonable cause and not to willful neglect.

**Civil penalty for false information with respect to withholding.** If you make a false statement with no reasonable basis that results in no backup withholding, you are subject to a \$500 penalty.



**Criminal penalty for falsifying information.** Willfully falsifying certifications or affirmations may subject you to criminal penalties including fines and/or imprisonment.

**Misuse of TINs.** If the requester discloses or uses TINs in violation of federal law, the requester may be subject to civil and criminal penalties.

## Specific Instructions

### Line 1

You must enter one of the following on this line; **do not** leave this line blank. The name should match the name on your tax return.

If this Form W-9 is for a joint account (other than an account maintained by a foreign financial institution (FFI)), list first, and then circle, the name of the person or entity whose number you entered in Part I of Form W-9. If you are providing Form W-9 to an FFI to document a joint account, each holder of the account that is a U.S. person must provide a Form W-9.

a. **Individual.** Generally, enter the name shown on your tax return. If you have changed your last name without informing the Social Security Administration (SSA) of the name change, enter your first name, the last name as shown on your social security card, and your new last name.

**Note: ITIN applicant:** Enter your individual name as it was entered on your Form W-7 application, line 1a. This should also be the same as the name you entered on the Form 1040/1040A/1040EZ you filed with your application.

b. **Sole proprietor or single-member LLC.** Enter your individual name as shown on your 1040/1040A/1040EZ on line 1. You may enter your business, trade, or "doing business as" (DBA) name on line 2.

c. **Partnership, LLC that is not a single-member LLC, C corporation, or S corporation.** Enter the entity's name as shown on the entity's tax return on line 1 and any business, trade, or DBA name on line 2.

d. **Other entities.** Enter your name as shown on required U.S. federal tax documents on line 1. This name should match the name shown on the charter or other legal document creating the entity. You may enter any business, trade, or DBA name on line 2.

e. **Disregarded entity.** For U.S. federal tax purposes, an entity that is disregarded as an entity separate from its owner is treated as a "disregarded entity." See Regulations section 301.7701-2(c)(2)(iii). Enter the owner's name on line 1. The name of the entity entered on line 1 should never be a disregarded entity. The name on line 1 should be the name shown on the income tax return on which the income should be reported. For example, if a foreign LLC that is treated as a disregarded entity for U.S. federal tax purposes has a single owner that is a U.S. person, the U.S. owner's name is required to be provided on line 1. If the direct owner of the entity is also a disregarded entity, enter the first owner that is not disregarded for federal tax purposes. Enter the disregarded entity's name on line 2, "Business name/disregarded entity name." If the owner of the disregarded entity is a foreign person, the owner must complete an appropriate Form W-8 instead of a Form W-9. This is the case even if the foreign person has a U.S. TIN.

### Line 2

If you have a business name, trade name, DBA name, or disregarded entity name, you may enter it on line 2.

### Line 3

Check the appropriate box on line 3 for the U.S. federal tax classification of the person whose name is entered on line 1. Check only one box on line 3.

IF the entity/person on line 1 is a(n) . . .	THEN check the box for . . .
• Corporation	Corporation
• Individual • Sole proprietorship, or • Single-member limited liability company (LLC) owned by an individual and disregarded for U.S. federal tax purposes.	Individual/sole proprietor or single-member LLC
• LLC treated as a partnership for U.S. federal tax purposes, • LLC that has filed Form 8832 or 2553 to be taxed as a corporation, or • LLC that is disregarded as an entity separate from its owner but the owner is another LLC that is not disregarded for U.S. federal tax purposes.	Limited liability company and enter the appropriate tax classification. (P= Partnership; C= C corporation; or S= S corporation)
• Partnership	Partnership
• Trust/estate	Trust/estate

### Line 4, Exemptions

If you are exempt from backup withholding and/or FATCA reporting, enter in the appropriate space on line 4 any code(s) that may apply to you.

#### Exempt payee code.

- Generally, individuals (including sole proprietors) are not exempt from backup withholding.
- Except as provided below, corporations are exempt from backup withholding for certain payments, including interest and dividends.
- Corporations are not exempt from backup withholding for payments made in settlement of payment card or third party network transactions.
- Corporations are not exempt from backup withholding with respect to attorneys' fees or gross proceeds paid to attorneys, and corporations that provide medical or health care services are not exempt with respect to payments reportable on Form 1099-MISC.

The following codes identify payees that are exempt from backup withholding. Enter the appropriate code in the space in line 4.

- 1—An organization exempt from tax under section 501(a), any IRA, or a custodial account under section 403(b)(7) if the account satisfies the requirements of section 401(f)(2)
- 2—The United States or any of its agencies or instrumentalities
- 3—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities
- 4—A foreign government or any of its political subdivisions, agencies, or instrumentalities
- 5—A corporation
- 6—A dealer in securities or commodities required to register in the United States, the District of Columbia, or a U.S. commonwealth or possession
- 7—A futures commission merchant registered with the Commodity Futures Trading Commission
- 8—A real estate investment trust
- 9—An entity registered at all times during the tax year under the Investment Company Act of 1940
- 10—A common trust fund operated by a bank under section 584(a)
- 11—A financial institution
- 12—A middleman known in the investment community as a nominee or custodian
- 13—A trust exempt from tax under section 664 or described in section 4947

The following chart shows types of payments that may be exempt from backup withholding. The chart applies to the exempt payees listed above, 1 through 13.

IF the payment is for . . .	THEN the payment is exempt for . . .
Interest and dividend payments	All exempt payees except for 7
Broker transactions	Exempt payees 1 through 4 and 6 through 11 and all C corporations. S corporations must not enter an exempt payee code because they are exempt only for sales of noncovered securities acquired prior to 2012.
Barter exchange transactions and patronage dividends	Exempt payees 1 through 4
Payments over \$600 required to be reported and direct sales over \$5,000 <sup>1</sup>	Generally, exempt payees 1 through 5 <sup>2</sup>
Payments made in settlement of payment card or third party network transactions	Exempt payees 1 through 4

<sup>1</sup> See Form 1099-MISC, Miscellaneous Income, and its instructions.

<sup>2</sup> However, the following payments made to a corporation and reportable on Form 1099-MISC are not exempt from backup withholding: medical and health care payments, attorneys' fees, gross proceeds paid to an attorney reportable under section 6045(f), and payments for services paid by a federal executive agency.

**Exemption from FATCA reporting code.** The following codes identify payees that are exempt from reporting under FATCA. These codes apply to persons submitting this form for accounts maintained outside of the United States by certain foreign financial institutions. Therefore, if you are only submitting this form for an account you hold in the United States, you may leave this field blank. Consult with the person requesting this form if you are uncertain if the financial institution is subject to these requirements. A requester may indicate that a code is not required by providing you with a Form W-9 with "Not Applicable" (or any similar indication) written or printed on the line for a FATCA exemption code.

A—An organization exempt from tax under section 501(a) or any individual retirement plan as defined in section 7701(a)(37)

B—The United States or any of its agencies or instrumentalities

C—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities

D—A corporation the stock of which is regularly traded on one or more established securities markets, as described in Regulations section 1.1472-1(c)(1)(i)

E—A corporation that is a member of the same expanded affiliated group as a corporation described in Regulations section 1.1472-1(c)(1)(ii)

F—A dealer in securities, commodities, or derivative financial instruments (including notional principal contracts, futures, forwards, and options) that is registered as such under the laws of the United States or any state

G—A real estate investment trust

H—A regulated investment company as defined in section 851 or an entity registered at all times during the tax year under the Investment Company Act of 1940

I—A common trust fund as defined in section 584(a)

J—A bank as defined in section 581

K—A broker

L—A trust exempt from tax under section 664 or described in section 4947(a)(1)

M—A tax exempt trust under a section 403(b) plan or section 457(g) plan

**Note:** You may wish to consult with the financial institution requesting this form to determine whether the FATCA code and/or exempt payee code should be completed.

### Line 5

Enter your address (number, street, and apartment or suite number). This is where the requester of this Form W-9 will mail your information returns. If this address differs from the one the requester already has on file, write NEW at the top. If a new address is provided, there is still a chance the old address will be used until the payor changes your address in their records.

### Line 6

Enter your city, state, and ZIP code.

## Part I. Taxpayer Identification Number (TIN)

**Enter your TIN in the appropriate box.** If you are a resident alien and you do not have and are not eligible to get an SSN, your TIN is your IRS individual taxpayer identification number (ITIN). Enter it in the social security number box. If you do not have an ITIN, see *How to get a TIN* below.

If you are a sole proprietor and you have an EIN, you may enter either your SSN or EIN.

If you are a single-member LLC that is disregarded as an entity separate from its owner, enter the owner's SSN (or EIN, if the owner has one). Do not enter the disregarded entity's EIN. If the LLC is classified as a corporation or partnership, enter the entity's EIN.

**Note:** See *What Name and Number To Give the Requester*, later, for further clarification of name and TIN combinations.

**How to get a TIN.** If you do not have a TIN, apply for one immediately. To apply for an SSN, get Form SS-5, Application for a Social Security Card, from your local SSA office or get this form online at [www.SSA.gov](http://www.SSA.gov). You may also get this form by calling 1-800-772-1213. Use Form W-7, Application for IRS Individual Taxpayer Identification Number, to apply for an ITIN, or Form SS-4, Application for Employer Identification Number, to apply for an EIN. You can apply for an EIN online by accessing the IRS website at [www.irs.gov/Businesses](http://www.irs.gov/Businesses) and clicking on Employer Identification Number (EIN) under Starting a Business. Go to [www.irs.gov/Forms](http://www.irs.gov/Forms) to view, download, or print Form W-7 and/or Form SS-4. Or, you can go to [www.irs.gov/OrderForms](http://www.irs.gov/OrderForms) to place an order and have Form W-7 and/or SS-4 mailed to you within 10 business days.

If you are asked to complete Form W-9 but do not have a TIN, apply for a TIN and write "Applied For" in the space for the TIN, sign and date the form, and give it to the requester. For interest and dividend payments, and certain payments made with respect to readily tradable instruments, generally you will have 60 days to get a TIN and give it to the requester before you are subject to backup withholding on payments. The 60-day rule does not apply to other types of payments. You will be subject to backup withholding on all such payments until you provide your TIN to the requester.

**Note:** Entering "Applied For" means that you have already applied for a TIN or that you intend to apply for one soon.

**Caution:** A disregarded U.S. entity that has a foreign owner must use the appropriate Form W-8.

## Part II. Certification

To establish to the withholding agent that you are a U.S. person, or resident alien, sign Form W-9. You may be requested to sign by the withholding agent even if item 1, 4, or 5 below indicates otherwise.

For a joint account, only the person whose TIN is shown in Part I should sign (when required). In the case of a disregarded entity, the person identified on line 1 must sign. Exempt payees, see *Exempt payee code*, earlier.

**Signature requirements.** Complete the certification as indicated in items 1 through 5 below.



**1. Interest, dividend, and barter exchange accounts opened before 1984 and broker accounts considered active during 1983.** You must give your correct TIN, but you do not have to sign the certification.

**2. Interest, dividend, broker, and barter exchange accounts opened after 1983 and broker accounts considered inactive during 1983.** You must sign the certification or backup withholding will apply. If you are subject to backup withholding and you are merely providing your correct TIN to the requester, you must cross out item 2 in the certification before signing the form.

**3. Real estate transactions.** You must sign the certification. You may cross out item 2 of the certification.

**4. Other payments.** You must give your correct TIN, but you do not have to sign the certification unless you have been notified that you have previously given an incorrect TIN. "Other payments" include payments made in the course of the requester's trade or business for rents, royalties, goods (other than bills for merchandise), medical and health care services (including payments to corporations), payments to a nonemployee for services, payments made in settlement of payment card and third party network transactions, payments to certain fishing boat crew members and fishermen, and gross proceeds paid to attorneys (including payments to corporations).

**5. Mortgage interest paid by you, acquisition or abandonment of secured property, cancellation of debt, qualified tuition program payments (under section 529), ABLÉ accounts (under section 529A), IRA, Coverdell ESA, Archer MSA or HSA contributions or distributions, and pension distributions.** You must give your correct TIN, but you do not have to sign the certification.

**What Name and Number To Give the Requester**

For this type of account:	Give name and SSN of:
1. Individual	The individual
2. Two or more individuals (joint account) other than an account maintained by an FFI	The actual owner of the account or, if combined funds, the first individual on the account <sup>1</sup>
3. Two or more U.S. persons (joint account maintained by an FFI)	Each holder of the account
4. Custodial account of a minor (Uniform Gift to Minors Act)	The minor <sup>2</sup>
5. a. The usual revocable savings trust (grantor is also trustee)	The grantor-trustee <sup>1</sup>
b. So-called trust account that is not a legal or valid trust under state law	The actual owner <sup>1</sup>
6. Sole proprietorship or disregarded entity owned by an individual	The owner <sup>3</sup>
7. Grantor trust filing under Optional Form 1099 Filing Method 1 (see Regulations section 1.671-4(b)(2)(i)(A))	The grantor <sup>4</sup>
For this type of account:	Give name and EIN of:
8. Disregarded entity not owned by an individual	The owner
9. A valid trust, estate, or pension trust	Legal entity <sup>4</sup>
10. Corporation or LLC electing corporate status on Form 8832 or Form 2553	The corporation
11. Association, club, religious, charitable, educational, or other tax-exempt organization	The organization
12. Partnership or multi-member LLC	The partnership
13. A broker or registered nominee	The broker or nominee

For this type of account:	Give name and EIN of:
14. Account with the Department of Agriculture in the name of a public entity (such as a state or local government, school district, or prison) that receives agricultural program payments	The public entity
15. Grantor trust filing under the Form 1041 Filing Method or the Optional Form 1099 Filing Method 2 (see Regulations section 1.671-4(b)(2)(i)(B))	The trust

<sup>1</sup> List first and circle the name of the person whose number you furnish. If only one person on a joint account has an SSN, that person's number must be furnished.

<sup>2</sup> Circle the minor's name and furnish the minor's SSN.

<sup>3</sup> You must show your individual name and you may also enter your business or DBA name on the "Business name/disregarded entity" name line. You may use either your SSN or EIN (if you have one), but the IRS encourages you to use your SSN.

<sup>4</sup> List first and circle the name of the trust, estate, or pension trust. (Do not furnish the TIN of the personal representative or trustee unless the legal entity itself is not designated in the account title.) Also see *Special rules for partnerships*, earlier.

**\*Note:** The grantor also must provide a Form W-9 to trustee of trust.

**Note:** If no name is circled when more than one name is listed, the number will be considered to be that of the first name listed.

**Secure Your Tax Records From Identity Theft**

Identity theft occurs when someone uses your personal information such as your name, SSN, or other identifying information, without your permission, to commit fraud or other crimes. An identity thief may use your SSN to get a job or may file a tax return using your SSN to receive a refund.

To reduce your risk:

- Protect your SSN,
- Ensure your employer is protecting your SSN, and
- Be careful when choosing a tax preparer.

If your tax records are affected by identity theft and you receive a notice from the IRS, respond right away to the name and phone number printed on the IRS notice or letter.

If your tax records are not currently affected by identity theft but you think you are at risk due to a lost or stolen purse or wallet, questionable credit card activity or credit report, contact the IRS Identity Theft Hotline at 1-800-908-4490 or submit Form 14039.

For more information, see Pub. 5027, Identity Theft Information for Taxpayers.

Victims of identity theft who are experiencing economic harm or a systemic problem, or are seeking help in resolving tax problems that have not been resolved through normal channels, may be eligible for Taxpayer Advocate Service (TAS) assistance. You can reach TAS by calling the TAS toll-free case intake line at 1-877-777-4778 or TTY/TDD 1-800-829-4059.

**Protect yourself from suspicious emails or phishing schemes.**

Phishing is the creation and use of email and websites designed to mimic legitimate business emails and websites. The most common act is sending an email to a user falsely claiming to be an established legitimate enterprise in an attempt to scam the user into surrendering private information that will be used for identity theft.

The IRS does not initiate contacts with taxpayers via emails. Also, the IRS does not request personal detailed information through email or ask taxpayers for the PIN numbers, passwords, or similar secret access information for their credit card, bank, or other financial accounts.

If you receive an unsolicited email claiming to be from the IRS, forward this message to [phishing@irs.gov](mailto:phishing@irs.gov). You may also report misuse of the IRS name, logo, or other IRS property to the Treasury Inspector General for Tax Administration (TIGTA) at 1-800-366-4484. You can forward suspicious emails to the Federal Trade Commission at [spam@uce.gov](mailto:spam@uce.gov) or report them at [www.ftc.gov/complaint](http://www.ftc.gov/complaint). You can contact the FTC at [www.ftc.gov/idtheft](http://www.ftc.gov/idtheft) or 877-IDTHEFT (877-438-4338). If you have been the victim of identity theft, see [www.identitytheft.gov](http://www.identitytheft.gov) and Pub. 5027.

Visit [www.irs.gov/identitytheft](http://www.irs.gov/identitytheft) to learn more about identity theft and how to reduce your risk.

## Privacy Act Notice

Section 6109 of the Internal Revenue Code requires you to provide your correct TIN to persons (including federal agencies) who are required to file information returns with the IRS to report interest, dividends, or certain other income paid to you; mortgage interest you paid; the acquisition or abandonment of secured property; the cancellation of debt; or contributions you made to an IRA, Archer MSA, or HSA. The person collecting this form uses the information on the form to file information returns with the IRS, reporting the above information. Routine uses of this information include giving it to the Department of Justice for civil and criminal litigation and to cities, states, the District of Columbia, and U.S. commonwealths and possessions for use in administering their laws. The information also may be disclosed to other countries under a treaty, to federal and state agencies to enforce civil and criminal laws, or to federal law enforcement and intelligence agencies to combat terrorism. You must provide your TIN whether or not you are required to file a tax return. Under section 3406, payers must generally withhold a percentage of taxable interest, dividend, and certain other payments to a payee who does not give a TIN to the payer. Certain penalties may also apply for providing false or fraudulent information.

**2021 Withholding Exemption Certificate****590**

The payee completes this form and submits it to the withholding agent. The withholding agent keeps this form with their records.

**Withholding Agent Information**

Name

**Payee Information**

Name

 SSN or ITIN  FEIN  CA Corp no.  CA SOS file no.

Address (apt./ste., room, PO box, or PMB no.)

City (If you have a foreign address, see instructions.)

State ZIP code

**Exemption Reason****Check only one box.**

By checking the appropriate box below, the payee certifies the reason for the exemption from the California income tax withholding requirements on payment(s) made to the entity or individual.

 **Individuals — Certification of Residency:**

I am a resident of California and I reside at the address shown above. If I become a nonresident at any time, I will promptly notify the withholding agent. See instructions for General Information D, Definitions.

 **Corporations:**

The corporation has a permanent place of business in California at the address shown above or is qualified through the California Secretary of State (SOS) to do business in California. The corporation will file a California tax return. If this corporation ceases to have a permanent place of business in California or ceases to do any of the above, I will promptly notify the withholding agent. See instructions for General Information D, Definitions.

 **Partnerships or Limited Liability Companies (LLCs):**

The partnership or LLC has a permanent place of business in California at the address shown above or is registered with the California SOS, and is subject to the laws of California. The partnership or LLC will file a California tax return. If the partnership or LLC ceases to do any of the above, I will promptly inform the withholding agent. For withholding purposes, a limited liability partnership (LLP) is treated like any other partnership.

 **Tax-Exempt Entities:**

The entity is exempt from tax under California Revenue and Taxation Code (R&TC) Section 23701  (insert letter) or Internal Revenue Code Section 501(c)  (insert number). If this entity ceases to be exempt from tax, I will promptly notify the withholding agent. Individuals cannot be tax-exempt entities.

 **Insurance Companies, Individual Retirement Arrangements (IRAs), or Qualified Pension/Profit-Sharing Plans:**

The entity is an insurance company, IRA, or a federally qualified pension or profit-sharing plan.

 **California Trusts:**

At least one trustee and one noncontingent beneficiary of the above-named trust is a California resident. The trust will file a California fiduciary tax return. If the trustee or noncontingent beneficiary becomes a nonresident at any time, I will promptly notify the withholding agent.

 **Estates — Certification of Residency of Deceased Person:**

I am the executor of the above-named person's estate or trust. The decedent was a California resident at the time of death. The estate will file a California fiduciary tax return.

 **Nonmilitary Spouse of a Military Servicemember:**

I am a nonmilitary spouse of a military servicemember and I meet the Military Spouse Residency Relief Act (MSRRA) requirements. See instructions for General Information E, MSRRA.

**CERTIFICATE OF PAYEE:** Payee must complete and sign below.

To learn about your privacy rights, how we may use your information, and the consequences for not providing the requested information, go to [ftb.ca.gov/forms](http://ftb.ca.gov/forms) and search for **1131**. To request this notice by mail, call 800.852.5711.

Under penalties of perjury, I declare that I have examined the information on this form, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. I further declare under penalties of perjury that if the facts upon which this form are based change, I will promptly notify the withholding agent.

Type or print payee's name and title

Telephone

Payee's signature ▶

Date



# 2021 Instructions for Form 590

## Withholding Exemption Certificate

References in these instructions are to the California Revenue and Taxation Code (R&TC).

### General Information

California Revenue and Taxation Code (R&TC) Section 18662 requires withholding of income or franchise tax on payments of California source income made to nonresidents of California. For more information, See General Information B, Income Subject to Withholding.

**Registered Domestic Partners (RDPs)** – For purposes of California income tax, references to a spouse, husband, or wife also refer to a California RDP unless otherwise specified. For more information on RDPs, get FTB Pub. 737, Tax Information for Registered Domestic Partners.

### A Purpose

Use Form 590, Withholding Exemption Certificate, to certify an exemption from nonresident withholding.

Form 590 does not apply to payments of backup withholding. For more information, go to [ftb.ca.gov](http://ftb.ca.gov) and search for **backup withholding**.

Form 590 does not apply to payments for wages to employees. Wage withholding is administered by the California Employment Development Department (EDD). For more information, go to [edd.ca.gov](http://edd.ca.gov) or call 888.745.3886.

**Do not** use Form 590 to certify an exemption from withholding if you are a **seller of California real estate**. Sellers of California real estate use Form 593, Real Estate Withholding Statement, to claim an exemption from the real estate withholding requirement.

**The following are excluded from withholding and completing this form:**

- The United States and any of its agencies or instrumentalities.
- A state, a possession of the United States, the District of Columbia, or any of its political subdivisions or instrumentalities.
- A foreign government or any of its political subdivisions, agencies, or instrumentalities.

### B Income Subject to Withholding

Withholding is required on the following, but is not limited to:

- Payments to nonresidents for services rendered in California.
- Distributions of California source income made to domestic nonresident partners, members, and S corporation shareholders and allocations of California source income made to foreign partners and members.
- Payments to nonresidents for rents if the payments are made in the course of the withholding agent's business.
- Payments to nonresidents for royalties from activities sourced to California.

- Distributions of California source income to nonresident beneficiaries from an estate or trust.
- Endorsement payments received for services performed in California.
- Prizes and winnings received by nonresidents for contests in California.

However, withholding is optional if the total payments of California source income are \$1,500 or less during the calendar year.

For more information on withholding, get FTB Pub. 1017, Resident and Nonresident Withholding Guidelines. To get a withholding publication, see Additional Information.

### C Who Certifies this Form

Form 590 is certified (completed and signed) by the payee. California residents or entities exempt from the withholding requirement should complete Form 590 and submit it to the withholding agent before payment is made. The withholding agent is then relieved of the withholding requirements if the agent relies in good faith on a completed and signed Form 590 unless notified by the Franchise Tax Board (FTB) that the form should not be relied upon.

An incomplete certificate is invalid and the withholding agent should not accept it. If the withholding agent receives an incomplete certificate, the withholding agent is required to withhold tax on payments made to the payee until a valid certificate is received. In lieu of a completed exemption certificate, the withholding agent may accept a letter from the payee as a substitute explaining why they are not subject to withholding. The letter must contain all the information required on the certificate in similar language, including the under penalty of perjury statement and the payee's taxpayer identification number (TIN).

The certification does not need to be renewed annually. The certification on Form 590 remains valid until the payee's status changes. The withholding agent must retain a copy of the certification or substitute for at least five years after the last payment to which the certification applies. The agent must provide it to the FTB upon request.

If an entertainer (or the entertainer's business entity) is paid for a performance, the entertainer's information must be provided. **Do not** submit the entertainer's agent or promoter information.

The grantor of a grantor trust shall be treated as the payee for withholding purposes. Therefore, if the payee is a grantor trust and one or more of the grantors is a nonresident, withholding is required. If all of the grantors on the trust are residents, no withholding is required. Resident grantors can check the box on Form 590 labeled "Individuals — Certification of Residency."

### D Definitions

For California nonwage withholding purposes:

- Nonresident includes all of the following:
  - Individuals who are not residents of California.
  - Corporations not qualified through the California Secretary of State (CA SOS) to do business in California or having no permanent place of business in California.
  - Partnerships or limited liability companies (LLCs) with no permanent place of business in California.
  - Any trust without a resident grantor, beneficiary, or trustee, or estates where the decedent was not a California resident.
- Foreign refers to non-U.S.

For more information about determining resident status, get FTB Pub. 1031, Guidelines for Determining Resident Status. Military servicemembers have special rules for residency. For more information see General Information E, Military Spouse Residency Relief Act (MSRRA), and FTB Pub. 1032, Tax Information for Military Personnel.

#### Permanent Place of Business:

A corporation has a permanent place of business in California if it is organized and existing under the laws of California or it has qualified through the CA SOS to transact intrastate business. A corporation that has not qualified to transact intrastate business (e.g., a corporation engaged exclusively in interstate commerce) will be considered as having a permanent place of business in California only if it maintains a permanent office in California that is permanently staffed by its employees.

### E Military Spouse Residency Relief Act (MSRRA)

Generally, for tax purposes you are considered to maintain your existing residence or domicile. If a military servicemember and nonmilitary spouse have the same state of domicile, the MSRRA provides:

- A spouse shall not be deemed to have lost a residence or domicile in any state solely by reason of being absent to be with the servicemember serving in compliance with military orders.
- A spouse shall not be deemed to have acquired a residence or domicile in any other state solely by reason of being there to be with the servicemember serving in compliance with military orders.

**Domicile** is defined as the one place:

- Where you maintain a true, fixed, and permanent home.
- To which you intend to return whenever you are absent.



A military servicemember's nonmilitary spouse is considered a nonresident for tax purposes if the servicemember and spouse have the same domicile outside of California and the spouse is in California solely to be with the servicemember who is serving in compliance with Permanent Change of Station orders.

California may require nonmilitary spouses of military servicemembers to provide proof that they meet the criteria for California personal income tax exemption as set forth in the MSRRA.

Income of a military servicemember's nonmilitary spouse for services performed in California is not California source income subject to state tax if the spouse is in California to be with the servicemember serving in compliance with military orders, and the servicemember and spouse have the same domicile in a state other than California.

For additional information or assistance in determining whether the applicant meets the MSRRA requirements, get FTB Pub. 1032.

## Specific Instructions

### Payee Instructions

Enter the withholding agent's name.

Enter the payee's information, including the TIN and check the appropriate TIN box.

You must provide a valid TIN as requested on this form. The following are acceptable TINs: social security number (SSN); individual taxpayer identification number (ITIN); federal employer identification number (FEIN); California corporation number (CA Corp no.); or CA SOS file number.

**Private Mail Box (PMB)** – Include the PMB in the address field. Write "PMB" first, then the box number. Example: 111 Main Street PMB 123.

**Foreign Address** – Follow the country's practice for entering the city, county, province, state, country, and postal code, as applicable, in the appropriate boxes. Do not abbreviate the country name.

**Exemption Reason** – Check the box that reflects the reason why the payee is exempt from the California income tax withholding requirement.

### Withholding Agent Instructions

Do not send this form to the FTB. The certification on Form 590 remains valid until the payee's status changes. The withholding agent must retain a copy of the certificate or substitute for at least five years after the last payment to which the certificate applies. The agent must provide it to the FTB upon request.

The payee must notify the withholding agent if any of the following situations occur:

- The individual payee becomes a nonresident.
- The corporation ceases to have a permanent place of business in California or ceases to be qualified to do business in California.
- The partnership ceases to have a permanent place of business in California.
- The LLC ceases to have a permanent place of business in California.
- The tax-exempt entity loses its tax-exempt status.

If any of these situations occur, then withholding may be required. For more information, get Form 592, Resident and Nonresident Withholding Statement, Form 592-B, Resident and Nonresident Withholding Tax Statement, [Form 592-PTE](#), Pass-Through Entity Annual Withholding Return, Form 592-Q, Payment Voucher for Pass-Through Entity Withholding, and Form 592-V, Payment Voucher for Resident or Nonresident Withholding.

## Additional Information

**Website:** For more information, go to [ftb.ca.gov](http://ftb.ca.gov) and search for nonwage.

**MyFTB** offers secure online tax account information and services. For more information, go to [ftb.ca.gov](http://ftb.ca.gov) and login or register for **MyFTB**.

**Telephone:** 888.792.4900 or 916.845.4900, Withholding Services and Compliance phone service

**Fax:** 916.845.9512

**Mail:** WITHHOLDING SERVICES AND COMPLIANCE, MS F 182, FRANCHISE TAX BOARD, PO BOX 942867, SACRAMENTO CA 94267-0651

For questions unrelated to withholding, or to download, view, and print California tax forms and publications, or to access the TTY/TDD numbers, see the Internet and Telephone Assistance section.

### Internet and Telephone Assistance

**Website:** [ftb.ca.gov](http://ftb.ca.gov)

**Telephone:** 800.852.5711 from within the United States  
916.845.6500 from outside the United States

**TTY/TDD:** 800.822.6268 for persons with hearing or speech disability  
711 or 800.735.2929 California relay service

### Asistencia Por Internet y Teléfono

**Sitio web:** [ftb.ca.gov](http://ftb.ca.gov)

**Teléfono:** 800.852.5711 dentro de los Estados Unidos  
916.845.6500 fuera de los Estados Unidos

**TTY/TDD:** 800.822.6268 para personas con discapacidades auditivas o del habla  
711 ó 800.735.2929 servicio de relevo de California

## **Certification Regarding Debarment, Suspension, and Other Responsibility Matters**

The prospective participant certifies to the best of its knowledge and belief that it and the principals:

- (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
- (b) Have not within a three year period preceding this proposal been convicted of or had a civil judgement rendered against them or commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction: violation of Federal or State antitrust statute or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
- (c) Are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (b) of this certification; and
- (d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State, or local) terminated for cause or default.

I understand that a false statement on this certification may be grounds for rejection of this proposal or termination of the award. In addition, under 18 USC Sec. 1001, a false statement may result in a fine of up to \$10,000 or imprisonment for up to 5 years, or both.

---

Typed Name & Title of Authorized Representative

---

Signature of Authorized Representative Date

I am unable to certify to the above statements. My explanation is attached.

---



## CAMPAIGN CONTRIBUTIONS DISCLOSURE

In accordance with California law, bidders and contracting parties are required to disclose, at the time the application is filed, information relating to any campaign contributions made to South Coast Air Quality Management District (South Coast AQMD) Board Members or members/alternates of the MSRC, including: the name of the party making the contribution (which includes any parent, subsidiary or otherwise related business entity, as defined below), the amount of the contribution, and the date the contribution was made. 2 C.C.R. §18438.8(b).

California law prohibits a party, or an agent, from making campaign contributions to South Coast AQMD Governing Board Members or members/alternates of the Mobile Source Air Pollution Reduction Review Committee (MSRC) of more than \$250 while their contract or permit is pending before South Coast AQMD; and further prohibits a campaign contribution from being made for three (3) months following the date of the final decision by the Governing Board or the MSRC on a donor's contract or permit. Gov't Code §84308(d). For purposes of reaching the \$250 limit, the campaign contributions of the bidder or contractor plus contributions by its parents, affiliates, and related companies of the contractor or bidder are added together. 2 C.C.R. §18438.5.

In addition, South Coast AQMD Board Members or members/alternates of the MSRC must abstain from voting on a contract or permit if they have received a campaign contribution from a party or participant to the proceeding, or agent, totaling more than \$250 in the 12-month period prior to the consideration of the item by the Governing Board or the MSRC. Gov't Code §84308(c).

The list of current South Coast AQMD Governing Board Members can be found at South Coast AQMD website ([www.aqmd.gov](http://www.aqmd.gov)). The list of current MSRC members/alternates can be found at the MSRC website (<http://www.cleantransportationfunding.org>).

### **SECTION I.**

**Contractor (Legal Name):** \_\_\_\_\_

DBA, Name _____, County Filed in _____ Corporation, ID No. _____ LLC/LLP, ID No. _____
--

**List any parent, subsidiaries, or otherwise affiliated business entities of Contractor:**  
*(See definition below).*

\_\_\_\_\_  
\_\_\_\_\_

### **SECTION II.**

Has Contractor and/or any parent, subsidiary, or affiliated company, or agent thereof, made a campaign contribution(s) totaling \$250 or more in the aggregate to a current member of the South Coast Air Quality Management Governing Board or member/alternate of the MSRC in the 12 months preceding the date of execution of this disclosure?

Yes  No **If YES, complete Section II below and then sign and date the form. If NO, sign and date below. Include this form with your submittal.**

**Campaign Contributions Disclosure, *continued*:**

Name of Contributor \_\_\_\_\_

\_\_\_\_\_

Governing Board Member or MSRC Member/Alternate	Amount of Contribution	Date of Contribution
---	------------------------	----------------------

Name of Contributor \_\_\_\_\_

\_\_\_\_\_

Governing Board Member or MSRC Member/Alternate	Amount of Contribution	Date of Contribution
---	------------------------	----------------------

Name of Contributor \_\_\_\_\_

\_\_\_\_\_

Governing Board Member or MSRC Member/Alternate	Amount of Contribution	Date of Contribution
---	------------------------	----------------------

Name of Contributor \_\_\_\_\_

\_\_\_\_\_

Governing Board Member or MSRC Member/Alternate	Amount of Contribution	Date of Contribution
---	------------------------	----------------------

**I declare the foregoing disclosures to be true and correct.**

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

## DEFINITIONS

Parent, Subsidiary, or Otherwise Related Business Entity (2 Cal. Code of Regs., §18703.1(d).)

- (1) Parent subsidiary. A parent subsidiary relationship exists when one corporation directly or indirectly owns shares possessing more than 50 percent of the voting power of another corporation.
- (2) Otherwise related business entity. Business entities, including corporations, partnerships, joint ventures and any other organizations and enterprises operated for profit, which do not have a parent subsidiary relationship are otherwise related if any one of the following three tests is met:
  - (A) One business entity has a controlling ownership interest in the other business entity.
  - (B) There is shared management and control between the entities. In determining whether there is shared management and control, consideration should be given to the following factors:
    - (i) The same person or substantially the same person owns and manages the two entities;
    - (ii) There are common or commingled funds or assets;
    - (iii) The business entities share the use of the same offices or employees, or otherwise share activities, resources or personnel on a regular basis;
    - (iv) There is otherwise a regular and close working relationship between the entities; or
  - (C) A controlling owner (50% or greater interest as a shareholder or as a general partner) in one entity also is a controlling owner in the other entity.

AGENDA ITEM #14

2020-2021 Clean Fuels/Clean Technologies Conference Calendar

## Clean Fuels and Clean Technologies Conference Calendar for 2021 – 2022

### August 2021

- Aug 9-11 ICCE 2020 International Conference & Exhibition on Clean Energy, Ottawa, Canada, Website: <https://icce2020.iaemm.com/>
- Aug 12-13 Electric Vehicles Battery Tech USA 2021, Long Beach, CA., Website: <https://www.usa.battery-technology-conference.com/>
- Aug 16-18 Green Transportation Summit, Tacoma, WA., Website: [https://www.gtsummitexpo.socialenterprises.net/event\\_details/](https://www.gtsummitexpo.socialenterprises.net/event_details/)
- Aug 17-20 2021 World Fuel Cell Conference, Virtual, Website: <https://www.iahe-fcd.org/wfcc2021>
- Aug 19 Women in Green Forum, Los Angeles, CA., Website: <https://www.eventbrite.com/e/11th-annual-women-in-green-forum-registration-88021826653>
- Aug 30-Sept 2 Advanced Clean Transportation Conference & Expo, Long Beach, CA., Website: <https://www.actexpo.com/>

### September 2021

- Sept 8-9 16<sup>th</sup> Carbon Dioxide Utilization Summit, Montreal, Canada, Website: <https://www.wplgroup.com/aci/event/co2-canada/#:~:text=ACI%E2%80%99s%2016th%20Carbon%20Dioxide%20Utilization%20Summit%20will%20follow,on%20the%208th%20and%209th%20of%20September%202021.>
- Sept 12-15 International Hydrogen Conference, Jackson Lake Lodge, Moran, WY., 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/>
- Sept 28-30 North American Commercial Vehicles Show, Atlanta, GA., Website: <https://nacvshow.com/>

### 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](http://www.cleanairday.org)

Oct 28-29 International Conference on Hydrogen & Fuel Cell Technology, Los Angeles, CA., Website: <https://waset.org/hydrogen-and-fuel-cell-technology-conference-in-october-2021-in-los-angeles>

November 2021

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

December 2021

Dec 7-9 Advanced Automotive Battery Conference In-Person/Virtual, San Diego, CA., Website: <https://www.advancedautobat.com/us/>

May 2022

May 11-13 Air Sensors International Conference, Pasadena, CA., Website: <https://asic.agrc.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 2/23/2021**