



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

### AGENDA

Thursday, April 7, 2022 at 1:30 p.m.

Pursuant to Assembly Bill 361, the MSRC-TAC meeting will only be conducted via video conferencing and by telephone. Please follow the instructions below to join the meeting remotely; teleconference locations do not need to be disclosed nor open to the public.

INSTRUCTIONS FOR ELECTRONIC PARTICIPATION AT BOTTOM OF AGENDA

**Join Zoom Webinar Meeting - from PC or Laptop**  
**<https://scaqmd.zoom.us/j/92169494044>**

**Zoom Webinar ID: 921 6949 4044** (applies to all)

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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  
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  
Alternate: Cheryl Wilson  
Representing San Bernardino County Transportation Authority

Ash Nikravan  
Alternate: Yuh Jiun Tan  
Representing South Coast AQMD

Yuritzzy Randle  
Alternate: Joseph Alcock  
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**

- Roll Call

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

## **STATUS REPORT**

### Clean Transportation Policy Update

Chan

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 (Items 1 through 5)**

### **Receive and Approve**

1. Minutes of the May 6, 2021 and June 3, 2021 MSRC-TAC Meetings Allen
2. Summary of Final Report by MSRC Contractor Gorski
  - Orange County Transportation Authority, Contract #MS18104 (\$212,000–Implement College Pass Transit Fare Subsidy Program)

### **Information Only - Receive and File**

3. MSRC Contract Administrator's Report Ravenstein

This report covers key issues addressed by MSRC staff, status of open contracts, and administrative scope changes from February 24, 2022 through March 30, 2022.
4. Financial Report on AB 2766 Discretionary Fund Pathak

Financial Report for February 2022.
5. Report on Outreach Activities Better World Group

This report provides a summary of outreach, communications and policy activities undertaken by the Better World Group on behalf of MSRC for Winter 2022.

## **ACTION CALENDAR (Items 6 through 9)**

6. Consider Reduced Scope and Value and Twelve-Month Term Extension by City of Diamond Bar, Contract #ML18031 (\$73,930 – Install EV Charging Station, Procure Two Light-Duty Zero Emission Vehicles and One Heavy-Duty Near-Zero Emission Vehicle)

Ravenstein

The City requests to eliminate tasks and funding associated with the procurement of the heavy-duty near-zero emission vehicle. Additionally, the City requests a 12-month term extension due to delays associated with their charging station installation contractor and a misunderstanding regarding the sequence in which tasks could be completed.

7. Consider Substitute Recipient for \$1,660,000 Award to Nikola Energy, Inc. under the Hydrogen Infrastructure Partnership Program

Ravenstein

In October 2021, the MSRC approved a \$1,660,000 award to Nikola Energy, Inc. (Nikola) to install a publicly accessible hydrogen fueling station in Ontario, California. The station was to be installed on the property of Nikola's partner, Travel Centers of America (TA). After the award, clarification has been obtained that the fueling infrastructure would be actually be owned by a special purpose entity established jointly by Nikola and TA: Nikola-TA HRS 1, LLC (a Delaware limited liability company). In order to enhance accountability in administration of the project, it is recommended that the MSRC substitute Nikola-TA HRS 1, LLC as recipient of the award, in that they are the entity which will actually own the infrastructure.

## **FYs 2021-24 WORK PROGRAM**

8. Consider Clarifications to Proposed Major Event Center Transportation Program Announcement

Ravenstein

At their March 2022 meeting, the MSRC-TAC recommended approval of the proposed Program Announcement for the Major Event Center Transportation Program as part of the MSRC's FYs 2021-24 Work Program. Subsequent to the MSRC-TAC meeting, but prior to consideration by the MSRC, a need was identified for greater specificity of the enforcement mechanisms associated with the required two years or seasons of operation following the MSRC-funded seasons. The MSRC-TAC Innovative Transportation Subcommittee has considered various options and recommends that funding recipients be obligated to pay back twenty-five percent (25%) of the funds previously reimbursed for each season of service not provided. Further details are provided in the attached staff report.

9. Consider Program Opportunity Notice for Transformative Transportation Strategies & Mobility Solutions

Gorski

At their March 2022 meeting, the MSRC authorized the development of a \$3.0 million Program Opportunity Notice (PON) for innovative projects focusing on human transportation. The PON, with a submittal deadline of August 5, 2022, would seek submittals that offer to demonstrate new and innovative transportation strategies above and beyond traditional transportation demand strategies. In response to a submittal, the MSRC would retain the flexibility to request a detailed proposal, issue an RFP, or take no further action. The MSRC-TAC Innovative Transportation Subcommittee has reviewed the proposed PON and recommends approval.

## **OTHER BUSINESS**

10. *\*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: May 5, 2022, 1:30 PM, Location: TBD**

### ***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 Maria Allen at (909) 396-2714 from 7:00 a.m. to 5:30 p.m., Tuesday through Friday, or send the request to [mallen@aqmd.gov](mailto:mallen@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 Maria Allen at (909) 396-2714 or send the request to [mallen@aqmd.gov](mailto:mallen@aqmd.gov)*

Contacts: Cynthia Ravenstein, MSRC Contracts Administrator – (909) 396-3269  
Ray Gorski, MSRC Technical Advisor – (909) 396-2479  
Maria Allen, MSRC Administrative Liaison – (909) 396-2714

**\*\*\* 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

Minutes of the May 6 and June 3, 2021  
MSRC-TAC Meetings



**TECHNICAL ADVISORY COMMITTEE TO THE MSRC  
THURSDAY, MAY 6, 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 Jenny Chan, representing Riverside County Transportation Commission  
MSRC-TAC Vice-Chair Steven Lee, representing Los Angeles County Metropolitan Transportation Authority  
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  
Minh Le, representing Los Angeles County Board of Supervisors  
Laura Iannaccone (Alt), representing Los Angeles County Board of Supervisors  
Kelly Lynn, representing San Bernardino County Transportation Authority  
Anthony (AJ) Marquez, representing Orange County Board of Supervisors  
Tim Olson, Air Pollution Control Expert  
Nicole Soto, representing Regional Rideshare Agency  
Vicki White, representing South Coast AQMD  
Derek Winters, representing California Air Resources Board  
Rick Yee, representing Cities of Orange County  
Dan York, representing Cities of Riverside County

**OTHERS PRESENT:**

Ramine Cromartie  
Jennifer Farinas  
Louis Zhao  
Ian Stewart

**SCAQMD STAFF & CONTRACTORS**

Leah Alfaro, Contracts Assistant  
Maria Allen, MSRC Administrative Liaison  
Ray Gorski, Technical Advisor  
John Kampa, Financial Services Manager  
Aaron Katzenstein, Assistant Deputy Executive Officer  
Daphne Hsu, Senior Deputy District Counsel  
Matt MacKenzie, Contracts Assistant

Cynthia Ravenstein, MSRC Contracts Administrator  
Donna Vernon, Secretary  
Nydia Ibarra, Public Affairs Specialist

DRAFT

CALL TO ORDER

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

**MSRC-TAC ELECTIONS**

ON MOTION BY MSRC-TAC MEMBER DAN YORK AND SECONDED BY MSRC-TAC MEMBER ADRIANN CARDOSO, THE MSRC-TAC UNANIMOUSLY VOTED TO APPROVE JENNY CHAN AS MSRC-TAC CHAIR.

ON MOTION BY MSRC-TAC MEMBER DAN YORK AND SECONDED BY MSRC-TAC MEMBER AJ MARQUEZ, THE MSRC-TAC UNANIMOUSLY VOTED TO APPROVE STEVEN LEE AS MSRC-TAC VICE CHAIR.

MSRC-TAC Vice-Chair Steven Lee assumed control of the meeting.

**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**

**Agenda Item #1 – Minutes of October 1, 2020 MSRC-TAC meeting**

The minutes for the October 1, 2020 MSRC-TAC Meeting were included in the agenda package.

ON MOTION BY MSRC-TAC MEMBER JASON FARIN AND SECONDED BY MSRC-TAC MEMBER MINH LE, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #1 – #3, THE MSRC-TAC UNANIMOUSLY VOTED TO RECEIVED AND APPROVED THE MINUTES OF THE OCTOBER 1, 2020 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 March 25, 2021 through April 28, 2021 was included in the agenda package.

ON MOTION BY MSRC-TAC MEMBER JASON FARIN AND SECONDED

BY MSRC-TAC MEMBER MINH LE, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #1 – #3, THE MSRC-TAC UNANIMOUSLY VOTED TO RECEIVE AND FILE THE MSRC CONTRACTS ADMINISTRATOR'S REPORT SPECIFIED 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 March 2021 was included in the agenda package.

ON MOTION BY MSRC-TAC MEMBER JASON FARIN AND SECONDED BY MSRC-TAC MEMBER MINH LE, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #1 – #3, THE MSRC-TAC UNANIMOUSLY VOTED TO RECEIVE AND FILE THE FINANCIAL REPORT FOR THE MONTH OF MARCH 2021.

**ACTION:** No further action is required.

**ACTION CALENDAR**

**Agenda Item #4 – Consider Location Change for One Charging Station and 6-Month No-Cost Term Extension by City of Bellflower, Contract #ML12091 (Install EV Charging Infrastructure)**

No comments were made by 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 VICKI WHITE, UNDER APPROVAL OF ITEMS #4 - #7, THE MSRC-TAC UNANIMOUSLY VOTED TO RECOMMEND TO APPROVE FOR THE CITY OF BELLFLOWER CONTRACT #ML12091, A LOCATION CHANGE AND A 6-MONTH NO-COST TERM EXTENSION.

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

**Agenda Item #5 – Consider Increased Scope by City of Eastvale, Contract #ML16040 (Install EV Charging Infrastructure)**

No comments were made by 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 VICKI WHITE, UNDER APPROVAL OF ITEMS #4 - #7, THE MSRC-TAC UNANIMOUSLY VOTED TO RECOMMEND TO

APPROVE FOR THE CITY OF EASTVALE CONTRACT #ML16040, A NO-COST INCREASE FROM 12 TO 16 LEVEL III EV CHARGING STATIONS.

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

**Agenda Item #6 – Consider 27-Month No-Cost Term Extension by City of South Pasadena, Contract #ML18092 (Procure Two Light-Duty ZEVs and Install EV Charging Infrastructure)**

No comments were made by 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 VICKI WHITE, UNDER APPROVAL OF ITEMS #4 - #7, THE MSRC-TAC UNANIMOUSLY VOTED TO RECOMMEND TO APPROVE FOR THE CITY OF SOUTH PASADENA CONTRACT #ML18092, A 27-MONTH NO-COST TERM EXTENSION.

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

**Agenda Item #7 – Consider Modified Scope by Omnitrans, Proposed Contract #MS18180 (Modify Vehicle Maintenance Facility and Train Technicians)**

No comments were made by 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 VICKI WHITE, UNDER APPROVAL OF ITEMS #4 - #7, THE MSRC-TAC UNANIMOUSLY VOTED TO RECOMMEND TO APPROVE FOR OMNITRANS CONTRACT #MS18180, A CONTRACT MODIFICATION TO MODIFY THE SCOPE TO USE MORE CENTRALIZED SYSTEMS TO SUPPORT THE UPDATED METHANE DETECTION SYSTEM.

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

**FYs 2016-18 WORK PROGRAM**

**Agenda Item #8 – Update on MSRC's Hydrogen Infrastructure Partnership Program**

Ray Gorski, MSRC Technical Advisor updated the board members on the Hydrogen Partnership Program. The Hydrogen Program is the last element of the 2016-18 Work Program. It is the first and only time the MSRC has implemented an infrastructure related program this way. The primary intent was for the MSRC to partner with other agencies including the South Coast Air Quality Management District, the California Air Resources Board and the California Energy Commission (CEC) to help improve the financial viability of candidate hydrogen fueling

stations. The MSRC would have a pot of money readily available. This money could be used when one of the partnering agencies went through their regular infrastructure procurement process, and they found a project that was meritorious but needed a little bit of extra funding to make it financially viable. This Program Opportunity Notice (PON) was released in April 2018 and was intended as a two-year program. It had a \$3 million targeted funding amount and a \$500,000 per county geographic funding minimum. Though this program would have closed last April, there were compelling reasons for the MSRC to extend it for one year. To date, we had only received one proposal, but we knew there were procurements underway by agencies such as the CEC. Given the intent of the program, there needed to be time to allow the CEC to complete its activities. The program closed April 9, 2021.

The University of California Irvine submitted the first proposal with a \$1 million funding request. They had co-funding in the amount of \$800,000, with the CEC and South Coast AQMD each providing \$400,000. This proposal was awarded MSRC funding. California State University, Los Angeles (CSULA) and the San Bernardino County Transportation Authority (SBCTA) have submitted proposals this year. The MSRC took action to request full proposals from both CSULA and SBCTA relative to their initial concept responses. The MSRC-TAC Subcommittee is in receipt of the full proposals from CSULA and SBCTA which are currently under review. The intention is to have both proposals back for the MSRC-TAC for review and possible approval in the June timeframe.

The MSRC has an original targeted funding amount of \$3 million for this program. When adding up the total request from the three proposals that have either been awarded funding or have submitted full proposals, it exceeds the current targeted funding amount by \$662,000. The MSRC will need to decide as to whether or not they want to cap the program at \$3 million total funding level or if they want to dip into their current unallocated balance and fund above and beyond the original targeted funding amount.

Toward the end of the procurement process, we received three additional PON responses. These have undergone an initial evaluation by the MSRC-TAC Subcommittee, but we have not yet requested full proposals because there currently is not enough money within the Program to request full proposals. That is going to require additional MSRC consideration. The Air Products, Nikola and Clean Energy requests exceed the total amount of funding that the MSRC currently has allocated to this program category by \$13.468 million. This is a very significantly oversubscribed Work Program category. These projects would offer approximately \$31 million in project co-funding, for a total category value approaching \$50 million. The MSRC does not have \$13.468 million at its disposal. It does have an unallocated balance of approximately \$4.136 million. There is also the \$2 million which remains allocated to the PON itself. Out of the FYs 2016-18 Work Program, there is the unused portion of the Event Center program that was originally targeted at \$6.5 million, approximately \$2.477 million of which will revert to the MSRC Discretionary Fund balance. When adding all that up, the total amount of money that the MSRC could choose to apply to the hydrogen refueling station projects is on the order of \$8.6 million, but it would still not fully fund the \$13.468 million causing an overage.

The MSRC-TAC Subcommittee will be reviewing these proposals and they may request the proposers to respond within a specific targeted funding range. The next steps are for the Subcommittee to complete review of the SBCTA and CSULA proposals which have been received. The intention is to have those recommendations available for the June MSRC-TAC

meeting. Secondly, the Subcommittee will continue their evaluation of the PON concept papers which were submitted. Those include the Air Products, Nikola and Clean Energy proposals. The initial review and the Subcommittee deliberations thus far suggest that those PON responses are meritorious. The recommendations that will be brought forth regarding this backup list will not be such that would exceed the total amount of funding that the MSRC has available. Therefore, the MSRC will not be asked to dip into their next year's Work Program. The MSRC will receive a similar update, but we think it's a good idea that we ask the board members directly what their desires are as to their unallocated funds, whether or not they would want the MSRC-TAC and its Subcommittee to continue the process of evaluating hydrogen projects which are over and above the targeted funding level, or if the MSRC would direct the MSRC-TAC not to utilize that additional funding and keep it available for the next year's Work Program. Most likely two proposals will be brought for final consideration in the June MSRC-TAC meeting, and then in August potentially September, we will bring forth recommendations to close out the balance of the hydrogen infrastructure program.

MSRC-TAC Member Dan York suggested we ask if the MSRC could consider at least allocating \$3 million, and then provide all the projects on the list \$1 million each. This would give good seed money to get those projects going. That would be six new or expanded stations with the balance to move into next year's program. SBCTA is short \$662,000, but maybe they are able to find that funding another way. Mr. York offered this as a suggestion to make this program grow, he stated that we need more hydrogen projects than what's being proposed and if we award six proposals as opposed to just three, then maybe that's incentive in next year's program to get more applicants knowing that some money is available.

MSRC-TAC Member Derek Winters stated that this program was oversubscribed and the MSRC has approved several non-zero projects. He would suggest moving forward to fund more zero emission projects as well.

MSRC-TAC Member Tim Olson stated that some of the individual stations are high-cost and it may come down to how many kilograms per day they are producing for each site, which is a factor in uptake and cost effectiveness. He also mentioned that the three projects below the current funding are all part of the supply chain. Mr. Olson asked who are the fleets which are going to benefit? Who are the actual site owners? Mr. Olson stated that based on the proposer's answers, that should factor in who gets funding, as opposed to Mr. York's proposal to award all proposals some funding. Mr. Olson asked if the proposers could document the fleets that they would be supporting with this project? Will they have the uptake, or will this be an asset that's not completely used? In some cases, these proposers may not have that information at this point, but Mr. Olson thinks it should be a factor in how we make that decision.

Ray Gorski, MSRC Technical Advisor, responded to Mr. Olson's comments by stating that these are project concept papers, though details vary between them. If the MSRC elects to request the full proposals, we would articulate to the project proponents that they provide the essential amount of detail and to make sure that they are able to stand by the original concept to a maximum. If there is some scaling involved, the number of vehicles would scale proportionately. Based upon the concepts provided, these projects were at least deemed to have merit and interest by the Subcommittee, which will be stated to the MSRC. It's the MSRC's determination as to whether they want to apply currently unallocated funding to this Work Program category.

Mr. Olson asked if there is a requirement to use renewable hydrogen under this program?

Mr. Gorski stated that there is not a requirement, however, it would be viewed as being a beneficial attribute of a project.

MSRC-TAC Member Minh Le stated that it may be difficult for the MSRC to make a recommendation based on Mr. Gorski's proposal to the MSRC-TAC to consider dipping into prior year balances or other unallocated funds without the full context of what else those funds could be applied towards. Mr. Le stated that though the MSRC-TAC is being presented an option right now as to how those funds could be used, it would be great to see the bigger picture for other projects. There may be more proposals for heavy duty freight electrification or something else. Mr. Le also stated that he liked Mr. York's recommendation but would suggest using the \$2 million from the FYs 2016-18 Hydrogen PON, which is kind of the same category and he would have no problem just using that prior balance.

Mr. Gorski answered Mr. Le by stating that the MSRC could apply their current unallocated funding to the Hydrogen Station PON or they could roll it forward to their next Work Program. Since we are the end of the FYs 2018-21 Work Program and because the MSRC only has the PON for hydrogen as the residual element of their 2016-18 Work Program, there is nothing else to apply that funding toward. The new Work Program will start July of this year. SCAG will be launching their Last Mile Goods Movement Program, probably within the next week or so. We will have to see what projects are received from that Work Program category. Given the timeline that's associated with that it would put us well into the next year's Work Program.

MSRC-TAC Member Steven Lee asked regarding the unused portion of the Major Event Center Transportation Program, \$2.5 million, if that does not get used up is there a possibility that we can open up a Major Event Center program again?

Mr. Gorski answered Mr. Lee by stating that that Work Program element has closed and those monies will revert to the unallocated balance. Because it is residual it is not earmarked at this time for anything. The MSRC at their discretion can utilize that funding for whatever Work Program type they choose to. It would be the decision of the MSRC as to whether or not they would want to continue with the Major Event Center category and apply funding to it. At this time, the process is that underutilized monies from a Work Program category revert to the overall Discretionary Fund and are available for use in any future program category that the MSRC chooses to initiate.

Mr. Lee asked how they could get the ball rolling in regards to reviving that program again?

Mr. Gorski stated that the MSRC will provide direction to the MSRC-TAC to initiate a process of developing the next Work Program. Typically, during non-COVID years, that is initiated with a type of workshop meeting, which is convened with members of the MSRC as well as the MSRC-TAC. Normally, these types of retreats or workshops would occur around the start of the new fiscal year for the MSRC, which starts on July 1<sup>st</sup>. It would be more difficult to do it via Zoom, but if members are unable to meet in a group in person due to restrictions, it may be our best option. At that point, the MSRC-TAC will get together and the MSRC will provide specific direction as to how to move forward with the development of the new Work Program.

NO MOTION BY THE MSRC-TAC, ITEM PROVIDED AS INFORMATION ONLY

**ACTION:** MSRC staff will include this update on the next MSRC agenda for information only.

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

[MSRC-TAC Chair Jenny Chan arrived during the discussion of this item]

### **Agenda Item #9 – Consider Application Received under Major Event Center Transportation Program Announcement**

MSRC-TAC Vice Chair Steven Lee explained this item is consideration of an application under the Major Event Center Transportation Program as an element of the FYs 2018-21 Work Program. The MSRC originally allocated \$6.5 million to the Major Event Center Transportation Program, with the goal of reducing a significant number of automobile trips and their associated air pollutant emissions by shifting attendees of major events out of their personal automobiles. It offers zero and near-zero emission transportation alternatives. The Program Announcement was released on April 5, 2019 with a closing date of March 30, 2021. To date the MSRC has awarded a total amount of \$3.8 million. One additional application which met the criteria for evaluation was received prior to the deadline and is being brought forward for consideration. Orange County Transportation Authority (OCTA) is requesting \$289,054 in MSRC funding assistance to implement special transit service to the 2022 OC Fair. The Major Events Subcommittee has reviewed OCTA's application and recommends approval of the \$289,054 award amount.

MSRC-TAC Member Derek Winters stated that though this item sounds great reducing the number of personal vehicles in and around the Fair area and he does support that, he is a little concerned about the high number of non-zero emission buses. He wonders if we could aim for 100% zero emission buses. At a minimum he'd like to see the current number flipped from eight zero and 27 near-zero emission buses.

#### **Public Comment:**

Louis Zhao from OCTA stated that in terms of buses in their fleet, they only have about eight zero emission buses that are functioning; they have a total of 10. There were some fueling issues that they had in providing service for the previous Fair. They only had one bus that was operating then, but they now have their fueling station up. In this case, they don't have the means to reverse the ratio to have more zero emission vehicles than CNG vehicles. Their core fleet right now is their CNG, so that's why they are presenting eight hydrogen vehicles. They want to make sure they do reserve some just in case something happens to one of those eight.

Mr. Winters asked if the hydrogen buses could be the ones getting used primarily in this situation?

Mr. Zhao answered Mr. Winters by stating that he will have to follow up with their operations fleet. Right now, the purpose is just using all of their vehicles at any given time. The big issue they have is to make sure that they balance the distances that their hydrogen vehicles can obtain

versus what their CNG can obtain. Their CNG vehicles cover the distances that the hydrogen vehicles cannot.

Mr. Le stated that the MSRC may always be providing subsidies or incentives for bus transportation to major events, but he would like to see a project for the transportation authorities to acquire zero emission buses. It may cost more upfront, but it may not cost as much in the long run.

ON MOTION BY MSRC-TAC MEMBER AJ MARQUEZ AND SECONDED BY MSRC-TAC MEMBER KELLY LYNN, THE MSRC-TAC VOTED TO RECOMMEND TO APPROVE THE \$289,054 AWARD TO OCTA.

Ayes: Chang, Farin, Hillman, Yee, Le, Lee, Lynn, Olson, Soto, White, York, Marquez

Noes: Winters

Abstain: Cardoso

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

#### **OTHER BUSINESS**

No other business was introduced.

#### **PUBLIC COMMENTS:**

Ian Stewart, President of Rail Propulsion Systems, stated that his company submitted a proposal to the Technology Group under Matt Miyasato, to do a technology demonstration. Mr. Stewart informed the MSRC-TAC that his company is offering a market ready product. They have developed the first battery electric locomotive to go into service in the US. It is currently in operation in Anaheim, California. It went into service June of last year. Mr. Stewart stated his company is proposing a three-hour megawatt version of their battery locomotive going into service in Southern California. They can have this ready for service this calendar year. They are a Southern California Company and have recently partnered with BYD to use their batteries on their locomotives, which means two California companies that have partnered to deliver zero emissions locomotives. Mr. Stewart also stated that he would like to address the gap between the demonstration funding and the market ready funding that the technology sector always deals with, and to address Carl Moyer funding in the past for rail applications, which it is not really set up to do right now.

MSRC-TAC Member Derek Winters stated that the zero-emission locomotive sounds great and asked if Mr. Stewart spoke with his CARB colleagues about his frustrations. If not, he would like to get Mr. Stewart's information, so his colleagues are aware of something potentially coming down the pipeline. Mr. Stewart said has been in discussions with Mike Jaczola from CARB.

MSRC-TAC Member Dan York thanked former chair AJ Marquez for his leadership in running the MSRC-TAC meetings this year. Mr. York stated that he is really excited about Jenny Chan and Steven Lee's commitment of service of leadership that they will be bringing to this board in the upcoming year.

MSRC-TAC Vice-Chair Steven Lee thanked former AJ Marquez for his leadership and congratulated him on his retirement.

MSRC-TAC Member AJ Marquez thanked the board for their well wishes and wished them good luck with their future Work Programs.

Ray Gorski, MSRC Technical Advisor stated that the MSRC has a strong working relationship with the South Coast Air Quality Management District and its Technology Advancement Office. Dr. Aaron Katzenstein has replaced Mr. Naveen Berry, who recently retired from the South Coast AQMD. Dr. Katzenstein will be participating most likely in these meetings on behalf of the South Coast AQMD, because of the relationship the MSRC has with the District.

### **ADJOURNMENT**

THERE BEING NO FURTHER BUSINESS, THE MSRC-TAC MEETING  
ADJOURNED AT 2:33 P.M.

**NEXT MEETING:** Next meeting: Thursday, June 3, 2021, 1:30 p.m.

(Minutes prepared by Maria M. Allen)

**TECHNICAL ADVISORY COMMITTEE TO THE MSRC  
THURSDAY, JUNE 3, 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 Jenny Chan, representing Riverside County Transportation Commission  
MSRC-TAC Vice-Chair Steven Lee, representing Los Angeles County Metropolitan Transportation Authority  
Denis Bilodeau, representing Orange County Board of Supervisors  
Adriann Cardoso, representing Orange County Transportation Authority  
Jason Farin, representing Riverside County Board of Supervisors  
Steve Hillman, representing City of Los Angeles  
Rick Yee, representing Cities of Orange County  
Minh Le, representing Los Angeles County Board of Supervisors  
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  
Vicki White, representing South Coast AQMD  
Derek Winters, representing California Air Resources Board  
Dan York, representing Cities of Riverside County

**OTHERS PRESENT:**

Israel Gomez  
Brendan O'Donnell  
Lauren Dunlap  
Omar Gonzales  
AJ Marquez

**SCAQMD STAFF & CONTRACTORS**

Leah Alfaro, Contracts Assistant  
Maria Allen, MSRC Administrative Liaison

Ray Gorski, Technical Advisor  
John Kampa, Financial Analyst  
Aaron Katzenstein, Assistant Deputy Executive Officer  
Daphne Hsu, Principal Deputy District Counsel  
Matt MacKenzie, Contracts Assistant  
Matt Miyasato, Deputy Executive Officer  
Cynthia Ravenstein, MSRC Contracts Administrator

DRAFT

## CALL TO ORDER

- Call to Order  
MSRC-TAC Chair Jenny Chan called the meeting to order at 1:31 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 – Minutes of December 10, 2020 MSRC-TAC meeting**

The minutes for the December 10, 2020 MSRC-TAC Meeting were included in the agenda package.

ON MOTION BY MSRC-TAC VICE-CHAIR STEVEN LEE AND SECONDED BY MSRC-TAC MEMBER DAN YORK, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #1 – #4, THE MSRC-TAC RECEIVED AND APPROVED THE MINUTES OF THE DECEMBER 10, 2020 MSRC-TAC MEETING.

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

#### **Agenda Item #2 – Summary of Final Report by MSRC Contractor**

One final report was submitted for MSRC-TAC review and approval during June:

- Orange County Transportation Authority, Contract #MS21003 (\$468,298 – Provide Clean-Fuel Bus Service to the Orange County Fair)

ON MOTION BY MSRC-TAC VICE-CHAIR STEVEN LEE AND SECONDED BY MSRC-TAC MEMBER DAN YORK, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #1 - #4, THE MSRC-TAC RECEIVED AND VOTED TO RECOMMEND APPROVAL OF THE MSRC CONTRACTORS' FINAL REPORT SUMMARY LISTED ABOVE.

ACTION: The Summary of Final Report by MSRC Contractor 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 April 29, 2021 through May 26, 2021 was included in the agenda package.

ON MOTION BY MSRC-TAC VICE-CHAIR STEVEN LEE AND SECONDED BY MSRC-TAC MEMBER DAN YORK, 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 April 2021 was included in the agenda package.

ON MOTION BY MSRC-TAC VICE-CHAIR STEVEN LEE AND SECONDED BY MSRC-TAC MEMBER DAN YORK, UNDER APPROVAL OF CONSENT CALENDAR ITEMS #1 – #4, THE MSRC-TAC UNANIMOUSLY VOTED TO RECEIVE AND FILE THE FINANCIAL REPORT FOR THE MONTH OF APRIL 2021.

ACTION: No further action is required.

**ACTION CALENDAR**

**Agenda Item #5 – Consider FY-2021-22 Administrative Budget**

John Kampa, South Coast AQMD Financial Services Manager, explained the Health and Safety Code allows for the South Coast AQMD to be reimbursed for costs relating to the support of the MSRC program. These administrative costs are capped at 6.25% of the annual fee revenue that’s collected within a fiscal year. For the proposal being presented, the administrative budget is at \$829,544 and this is against a projected cap of \$1,018,750. This leaves an unallocated balance of approximately \$189,000. We’re not projecting any changes to the administrative cap, because we’ve seen the revenues coming in at the same level as they have in the past couple of years. Also, this budget has not changed any staffing hours, service and supplies from the budget that was approved in the previous fiscal years. The costs for this admin budget are increasing by approximately \$20,000; this is mainly due to increased labor cost. The admin budget was presented to the TAC Administrative Subcommittee and unanimously recommended for approval.

ON MOTION BY MSRC-TAC MEMBER DENIS BILODEAU AND SECONDED BY MSRC-TAC MEMBER TIM OLSON, THE MSRC-TAC

UNANIMOUSLY VOTED TO RECOMMEND TO APPROVE THE FY 2021-22 ADMINISTRATIVE BUDGET.

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

**Agenda Item #6 – Consider Two-Year No-Cost Term Extension by City of Indian Wells, Contract #ML18036 (\$50,000 - Install EV Charging Infrastructure)**

Cynthia Ravenstein, MSRC Contracts Administrator, explained these extension requests were due to delays associated with impacts caused by the COVID-19 pandemic. In some cases, there were some additional delays due to staff turnover. No comments were made by any MSRC-TAC members. No public comments were made.

ON MOTION BY MSRC-TAC MEMBER ADRIANN CARDOSO AND SECONDED BY MSRC-TAC MEMBER RONGSHENG LUO, UNDER APPROVAL OF ITEMS #6 - #9, THE MSRC-TAC UNANIMOUSLY VOTED TO RECOMMEND TO APPROVE FOR THE CITY OF INDIAN WELLS CONTRACT #ML18036, A TWO-YEAR NO-COST TERM EXTENSION

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

**Agenda Item #7 – Consider Seventeen-Month No-Cost Term Extension by City of Carson, Contract #ML18057 (\$106,250 – Procure Five Light-Duty Zero Emission Vehicles and Install EV Charging Infrastructure)**

Cynthia Ravenstein, MSRC Contracts Administrator, explained these extension requests were due to delays associated with impacts caused the COVID-19 pandemic. In some cases, there were some additional delays due to staff turnover. No comments were made by any MSRC-TAC members. No public comments were made.

ON MOTION BY MSRC-TAC MEMBER ADRIANN CARDOSO AND SECONDED BY MSRC-TAC MEMBER RONGSHENG LUO, UNDER APPROVAL OF ITEMS #6 - #9, THE MSRC-TAC UNANIMOUSLY VOTED TO RECOMMEND TO APPROVE FOR THE CITY OF CARSON CONTRACT ML#18057, A SEVENTEEN-MONTH NO-COST TERM EXTENSION.

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

**Agenda Item #8 – Consider One-Year No-Cost Term Extension by Universal Waste Systems, Contract #MS18122 (\$200,000 – Install Limited Access CNG Fueling Station)**

Cynthia Ravenstein, MSRC Contracts Administrator, explained these extension requests were due to delays associated with impacts caused the COVID-19 pandemic. In some cases, there were some additional delays due to staff turnover. No comments were made by any MSRC-TAC members. No public comments were made.

ON MOTION BY MSRC-TAC MEMBER ADRIANN CARDOSO AND  
SECONDED BY MSRC-TAC MEMBER RONGSHENG LUO, UNDER  
APPROVAL OF ITEMS #6 - #9, THE MSRC-TAC UNANIMOUSLY VOTED  
TO RECOMMEND TO APPROVE FOR UNIVERSAL WASTE SYSTEMS,  
CONTRACT #MS18122, A ONE-YEAR NO-COST TERM EXTENSION.

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

**Agenda Item #9 – Consider Two-Year No-Cost Term Extension by Riverside County Transportation Commission (RCTC), Contract #MS18024 (\$1,500,000 – Implement Vanpool Incentive Program)**

Cynthia Ravenstein, MSRC Contracts Administrator, explained these extensions were due to delays associated with impacts caused the COVID-19 pandemic. In some cases, there were some additional delays due to staff turnover. No comments were made by any MSRC-TAC members. No public comments were made.

ON MOTION BY MSRC-TAC MEMBER ADRIANN CARDOSO AND  
SECONDED BY MSRC-TAC MEMBER RONGSHENG LUO, UNDER  
APPROVAL OF ITEMS #6 - #9, THE MSRC-TAC UNANIMOUSLY VOTED  
TO RECOMMEND TO APPROVE FOR RIVERSIDE COUNTY  
TRANSPORTATION COMMISSION, CONTRACT #MS18024, A TWO-YEAR  
NO-COST TERM EXTENSION.

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

**Agenda Item #10 – Consider Modified Scope of Work by City of Big Bear Lake, Contract #ML18088 (\$50,000 – Install Bicycle Trail)**

Cynthia Ravenstein, MSRC Contracts Administrator, explained that the City of Big Bear Lake was awarded \$50,000 as part of the MSRC's Local Government Partnership Program to install a segment of bicycle trail. The Rathbun Creek Trail was identified as 0.3-mile segment. It was described in the contract as approximately 1,500 linear feet of 10-foot-wide paved trail, as well as 120 linear feet of six-foot tall wood privacy fence with two gates and 850 linear feet of split rail fencing with two gates and a prefabricated bridge. The City has installed the trail and it is now in use, but they still need to complete the bicycle and pedestrian usage counts as required by their contract. Staff has noted that the completed trail is approximately 1,200 linear feet and doesn't have privacy fencing. The City explained that during construction, certain elements had to be adjusted to match the actual field conditions. They originally intended alignment for the trail was going to go through some private property. They still have a longer-term goal of doing that, but they currently weren't able to work things out with the property owner. The City was able to get an easement through some property of the County of San Bernardino, but that made it a shorter trail. Since the trail didn't go through private property, there was no need for privacy fencing, but they did install split rail fencing. They also installed a retaining wall and some concrete cross-gutters, which they hadn't expected to need. Since the City has made so many changes, they are asking the TAC if their changes could be deemed equivalent. If not, the City is

requesting a one-year extension to complete the other elements as described in the contract, otherwise the contract will expire this August.

Israel Gomez from the City of Big Bear Lake explained that the City had revised the scope of the project in the field. At the beginning a couple of property owners wanted privacy fences, but towards the end they said they didn't want them. The City instead installed wood rail fence on both sides of the trail for the whole alignment. Originally, they intended 700 linear feet of wood rail fence, but they ended up placing 2,400 feet of wood fence, additional cross-gutters and a retaining wall. The trail is now functional and being used by pedestrians and cyclists.

MSRC-TAC Member Minh Le asked the cost of the work they did. Even though it's modified from the original contract, what was the actual cost to the City? Was it more than \$50,000?

Mr. Gomez said he did not have the exact total with him, but that the project cost the City an estimated \$600,000.

Mr. Le stated that the project scope changed slightly, and the changes made by the City were in the spirit of the grant, he would move to approve the request.

MSRC-TAC Member Tim Olson asked if the City faced any local public opposition to what the City has completed or not completed? Did the City create a process for public input?

Mr. Gomez stated they performed the project outreach in 2017 when the master plan of the trail was approved and during the preparation of plans, there was no opposition. The public has actually been very supportive of the project.

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 CITY OF BIG BEAR LAKE,  
CONTRACT #ML18088, A MODIFIED SCOPE OF WORK

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

**Agenda Item #11 – Consider Modified Statement of Work and Two-Year Term Extension by City of South Gate, Contract #ML18146 (\$127,400 – Procure Five Light-Duty Zero Emission Vehicles and Install EV Charging Infrastructure)**

Cynthia Ravenstein, MSRC Contracts Administrator, explained the City of South Gate had been awarded funding to purchase five light duty EVs and to install three Level II charging stations. In November 2020 the City had asked the MSRC to make one of those Level II charging stations a Level III charging station, and for a one-year term extension. The MSRC approved the modifications and granted an additional two years because Level III charging stations have a longer operational requirement associated with them under the MSRC Local Government Partnership Program. A contract modification document was prepared, but the City did not end up executing that document. The City decided they would do better with Level II charging stations after all. The City is now seeking to increase the number of Level II charging stations from three to six. These additional stations would be limited access. The City is not seeking

additional MSRC funding, but they are asking for a two-year term extension, which was previously approved.

MSRC-TAC Member Denis Bilodeau asked if the City had received additional funds when they were initially approved for the one Level III charger?

Ms. Ravenstein answered no that it is not possible, because under the MSRC program once you've been awarded funding under a program, the funds cannot be increased. Ms. Ravenstein added that she noticed some of the EV charging stations projects are finding that they have overestimated how much it was going to cost. It is unusual because more often in our projects, we find that people's costs increase, but in this particular category of project, we have a lot of cases where they're able to do more than what they originally thought.

MSRC-TAC Member Tim Olson asked what were the prime contributing factors for the City to go back to Level II and increase the number?

Ms. Ravenstein answered stating that the original rationale for going with the Level III was that they didn't expect to be doing any more installations after this particular round. They wanted to make sure that what they put in would be sufficient. We don't know exactly what came up in their thinking as to why they decided that Level II was going to be the best way to go, but maybe they just wanted to cover more locations.

Mr. Olson asked is the charging during the day or off-peak hours?

Ms. Ravenstein stated that the City didn't give that information.

South Coast AQMD Deputy Executive Officer Dr. Matt Miyasato shared some experience that they've had on their site. If it's for dedicated fleet vehicles, Level II makes more sense since it's less costly and you can have more of them. If it's for short term public charging, then DC fast charging makes more sense.

ON MOTION BY MSRC-TAC MEMBER DAN YORK AND SECONDED BY MSRC-TAC MEMBER STEVE HILLMAN, THE MSRC-TAC VOTED TO RECOMMEND TO APPROVE FOR THE CITY OF SOUTH GATE, CONTRACT #ML18146, A MODIFIED STATEMENT OF WORK AND TWO-YEAR TERM EXTENSION

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

**Agenda Item #12 – Consider Incorporating a Labor Law Provision in MSRC Contracts for On-Road Truck Projects**

Principal Deputy District Counsel Daphne Hsu explained that in a recent South Coast AQMD Governing Board meeting there was an issue of incorporating a labor law provision into MSRC on-road truck contracts. The provision would require the contractor to notify South Coast AQMD in writing if it had been found by a court or an agency to have violated labor laws. They also would submit a yearly certification with this type of information and South Coast AQMD

would reserve the right to terminate a contract and request a return of funds, depending on the labor law violation.

MSRC-TAC Member Kelly Lynn asked for clarification in regards to companies which operate in various states and may be subject to different local and state labor laws.

Ms. Hsu answered the proposed language has been used previously in other South Coast AQMD contracts. It says court, federal or state agency is what they are required to report.

MSRC-TAC Member Tim Olson commented he thinks this provision is a good addition but wanted to add that the letter from Wayne Nastri also addressed another topic and that was the MSRC is interested in seeing better cost share information on projects. Having that kind of information enhances the decision-making for the MSRC to know what the matches are and where the rest of the capital is coming from.

Ray Gorski, MSRC Technical Advisor stated that when you assess a project, you really need to look at its overall ability to be successfully implemented and as we all understand being successfully implemented is usually a function of having the necessary financial resources. He thinks the comment that the Governing Board made during the discussion on this topic, that was articulated in the letter from Executive Officer Wayne Nastri to the MSRC, was how much visibility we share with the Governing Board when they're making their MSRC decision as to whether or not to allow a Work Program to go forward. That's really the discussion between Ms. Ravenstein, Contracts Administrator and Ms. Hsu, Principal Deputy District Counsel and everyone to determine what is the amount of information that needs to be in a Board report to the South Coast AQMD Governing Board members. We need to present a complete enough picture of the financial makeup of a project so they can make a good public policy call. He thinks that it's something that we will continue to work together and come up with a formula for presenting that information to the Governing Board so that in the future they have a comfort level that they are seeing the complete financial picture for a project.

MSRC-TAC Member Minh Le asked if the MSRC would be inserting the language around labor laws to awards moving forward and not onto existing projects?

Ms. Hsu answered stating this provision has not been executed yet. Also, part of the TAC's recommendation depends on how it would like to see this implemented.

Mr. Le stated that he has some concerns around the clawback of already spent funds; he thinks it sets a bad precedent. The award was given for a specific purpose and though the labor provision is important, he doesn't feel that it is necessarily directly related to the award. If a company were found to have violated some labor laws, he assumes that the courts would have imposed some kind of penalty on that organization. The company would have to pay back restitution or be under some kind of stipulated agreements. Wouldn't that mean that they are repaying back society or that law violation?

Ms. Hsu responded by stating that this provision is to protect the South Coast AQMD and its proprietary interests. We would be looking at violations that may increase our potential for liability. For example, if workers are driving hours beyond what they are supposed to, that will be the type of thing that we would be looking at. Ms. Hsu also stated that since this provision has

been in other contracts, we have not been aware of any adjudicated labor law violations, so there haven't been instances where we have actually terminated a contract or asked for funds back on other contracts.

Ms. Ravenstein added that when we notify someone that they've been awarded funds, in that time before we actually get the contract executed, we advise them that if they proceed with any of the work, they do so at their own risk. If they were to do something that was contrary to their contract it would be at their own risk.

Mr. Le stated that Ms. Ravenstein's statement wasn't his concern. He gave an example of a company given an award to buy some zero emission heavy duty trucks, then some other part of the South Coast AQMD were to find a labor violation unrelated to the work the MSRC is engaged with the zero emission trucks. He's not trying to defend a hypothetical labor law violation, but it's also unrelated to what the MSRC award would be for. It doesn't look good for the company nor the MSRC to be associated with a company that has a labor law violation, but that labor law regulation has nothing to do with the work that is at hand. That seems overly harsh, but he understands the optics and politics of it.

Ms. Hsu stated that since the provision has been used in other contracts, we haven't seen any findings or violations. We haven't terminated a contract based on something like that. This provision is not meant to penalize any contractor, it really is to protect the South Coast AQMD from liability. If something did happen, if there was an accident, if a driver was driving exceeding the allowed hours, those types of violations, that's what we're looking at. We are not looking at any and all violations, just very specific ones that might potentially increase our liability.

Mr. Gorski asked Ms. Hsu if there was a labor law violation found, who would have the final say to request the repayment provision?

Ms. Hsu stated that someone in the legal department would take a look and make a determination as to whether or not that might potentially affect the South Coast AQMD liability and proprietary interests. This issue has not come up in practice.

Dr. Miyasato recommended that the decision would typically rest with our General Counsel, but for this instance, because there are concerns from the TAC, we could put in the provision that if any such clawback provision was to occur, we would confer with the TAC or MSRC board.

MSRC-TAC Member Vicki White stated this process has been in place since 2018 for the South Coast AQMD incentive funding programs. Like Ms. Hsu had said, it is more about vetting the fleet owners before we move ahead with an award. We want to make sure they're in good standing. That being said, labor law violations are one of those situations that we know can happen among these fleet operators and that's something we have to be very concerned about and want to make sure we have a process in place that requires the applicants to disclose the information so that our legal counsel can look at it. They wouldn't be looking for one single violation that has penalties paid in full, they would be looking for a pattern. She doesn't want to speak on behalf of legal but that's her experience so far.

ON MOTION BY MSRC-TAC MEMBER VICKI WHITE AND SECONDED

BY MSRC-TAC MEMBER TIM OLSON, THE MSRC-TAC VOTED TO RECOMMEND TO APPROVE INCORPORATING A LABOR LAW PROVISION IN MSRC CONTRACTS FOR ON-ROAD TRUCK PROJECTS, WITH THE PROVISION OF CONFERRING WITH THE MSRC BEFORE REQUESTING A RETURN OF FUNDS

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

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

##### **Agenda Item #13 – Consider Project Concepts and Proposals Received under the Hydrogen Infrastructure Partnership Program (Marquez/White)**

Hydrogen Infrastructure Subcommittee Chair AJ Marquez co-presented this item with MSRC-TAC Member Vicki White. Last month Ray Gorski, MSRC Technical Advisor, presented the 2016-18 Hydrogen Infrastructure Partnership Program at the May TAC meeting and also brought that forward to the MSRC meeting. The MSRC provided some guidance for the Subcommittee. They said to continue with the evaluations of the candidate proposals and concept papers. The MSRC was open to these projects even if they exceed the current targeted funding amount for the program of \$3 million. They expressed some enthusiasm for the shovel-ready projects presented.

For SBCTA's Arrow Maintenance Facility Hydrogen Fuel Upgrade Project, the hydrogen station will support operation of the zero-emission multiple unit (ZEMU) train operations. The Arrow Maintenance facility is currently under construction; it will open in July of 2021. The hydrogen refueling area construction begins in 2022. The ZEMU will begin a non-revenue demonstration service in the fall of 2023. Revenue passenger service will begin in 2024. This will be a two-year initial demonstration period and the ZEMU's operational life expectancy is 25 years.

MSRC-TAC Member Vicki White explained that the Subcommittee also evaluated a full proposal submitted by CSULA. This project involved an upgrade to the existing hydrogen station located on the CSULA campus. The project would be implemented in two phases. The first phase involves adding medium and high-pressure storage vessels and a new dual stage compressor to increase the existing station capacity. The second phase involves updating the cooling system and dispensing equipment to reduce the fueling time. The proposal submitted by CSULA was based on co-funding from the Department of Defense to complete the project, which was ultimately not awarded. In addition, the proposal identified Argon Laboratories as a partner using their new compression technology that would be funded by the Department of Energy. This partnership was subsequently removed from the project. CSULA is currently pursuing other funding sources and they have identified SoCal Gas as a potential partner, however there is no clear nexus between that funding and the project as it has been proposed. Since this project has experienced a substantial loss of project co-funding, the Subcommittee is not recommending an award for this project at this time.

The Subcommittee has also evaluated three project concepts that were submitted in response to the Program Opportunity Notice. The Subcommittee is recommending that full proposals be solicited from the three entities. The project concept submitted by Air Products, involves a new hydrogen station that would be located at the World Energy site in Paramount in Los Angeles

County. The new station would be connected to an Air Products hydrogen pipeline and serve as the world's first pipeline-supplied dual service hydrogen refueling station that would be capable of supporting all vehicle classes ranging from Class 8 trucks to light-duty passenger vehicles. The station would serve hydrogen fuel cell vehicles operated in the Gateway Cities region, including trucks traveling along the drayage corridor to and from the Port facilities. The MSRC also received a concept paper from Nikola Energy. Nikola is a truck original equipment manufacturer (OEM), however they also plan to develop hydrogen production and fueling infrastructure through their Nikola Energy Division. The project would involve a new hydrogen fueling station located in San Bernardino County. The project involves a partnership with Travel Centers of America, who own and operate full-service truck stops throughout the United States, including two of the largest truck stops in the South Coast Air District. The station would be available to all fueling customers, including those utilizing other OEM's fuel cell vehicles. The station would involve a liquid hydrogen storage system; the proposed station capacity would be 4,000 kilograms per day. The third project concept was submitted by Clean Energy. This project concept involves a new hydrogen filling station located in the City of San Bernardino at the corner of Central and Tippecanoe Avenues. The new hydrogen station would co-located with the Clean Energy renewable natural gas station. This project is intended to support a large-scale deployment of new fuel cell trucks associated with ecommerce operations in the area. The project will include liquid hydrogen sourced from a local plant in Ontario with renewable content of at least 33%; the station would be accessible to the public 24/7.

Mr. Marquez stated that the Infrastructure Subcommittee recommends the MSRC-TAC do the following: 1) recommend an award to the SBCTA in the amount of \$1.662 million. This recommendation is conditioned upon SBCTA's contractual agreement to reconfigure the hydrogen station as needed, and allow station access to other users at no cost to the MSRC, in the event that the ZEMU train is not in operation for at least five years; 2) Make no recommendation of award to Cal State LA at this time due to reasons cited earlier; and 3) Recommend that the MSRC authorize the submittal of full proposals from Air Products, Nikola Energy and Clean Energy with the guidance that any MSRC funding request be at a level previously or concurrently awarded by the MSRC.

MSRC-TAC Member Minh Le asked when was staff last in contact with Nikola regarding this project. Mr. Le asked about Nikola's commitment since their acquisition by General Motors and various scandals related to some allegations about their vehicles?

Ray Gorski, MSRC Technical Advisor, stated that Cynthia Ravenstein, MSRC Contracts Administrator, has been in contact with Nikola within the last couple of weeks. He added that oftentimes the Subcommittee does seek clarification of certain elements within the concept paper and staff wants to make sure that they are evaluating the correct information. We do have an ongoing dialogue with all project proponents.

#### Public Comment:

Omar Gonzalez, Nikola Manager of State and Local Government Affairs, spoke on behalf the company. Mr. Gonzalez thanked the MSRC for their support of hydrogen fueling infrastructure and its efforts to reduce emissions associated with the transportation sector. Nikola is both the manufacturer of battery electric and hydrogen fuel cell vehicles and is engaged in the development of hydrogen production and refueling stations to support the increasing presence of

all zero emission heavy duty fleets and passenger vehicles, leading to the creation of a comprehensive zero emission transportation ecosystem. Programs such as the Hydrogen Infrastructure Partnership enable Nikola's plans to build an expansive hydrogen production and fueling network in California and assist the state in achieving its goals for an innovative clean energy and transportation future. They're driven to revolutionize the economic and environmental impact of commerce as we know it and they request the MSRC's support to seek a full proposal from Nikola to construct a hydrogen fueling station intended to serve the needs of the heavy-duty truck sector operating in Inland Empire portion of San Bernardino County. Mr. Gonzalez thanked the staff and Subcommittee for reviewing their project concept and the committee for their consideration. Mr. Gonzalez stated that if there are members unfamiliar with Nikola or are referencing stories from a year ago, he would be happy to set up a meeting to discuss and give more information.

ON MOTION BY MSRC-TAC MEMBER MINH LE AND SECONDED BY MSRC-TAC MEMBER KELLY LYNN, THE MSRC-TAC VOTED TO RECOMMEND TO APPROVE THE SUBCOMMITTEE'S RECOMMENDATIONS FOR PROJECT CONCEPTS AND PROPOSALS UNDER THE HYDROGEN INFRASTRUCTURE PARTNERSHIP PROGRAM

**ACTION:** MSRC staff will include these project concepts and proposals on the next MSRC agenda for consideration.

## **OTHER BUSINESS**

### **PUBLIC COMMENTS:**

MSRC-TAC Chair Jenny Chan thanked former Chair AJ Marquez for his service on the MSRC-TAC. He served from May 2007 to June 2021, for a total of 14 years. MSRC staff will be mailing him a certificate as a token of appreciation for all his time on the MSRC.

AJ Marquez thanked Ms. Chan for her kind words. He added that when he was nominated for the committee 14 years ago, he was a complete novice at the work of the MSRC-TAC. He is an accountant by schooling and by trade but added that being a part of the committee was a wonderful experience and he learned a whole lot. The collective knowledge of this committee is tremendous and with that knowledge he wishes the committee to have success in the future.

### **ADJOURNMENT**

THERE BEING NO FURTHER BUSINESS, THE MSRC-TAC MEETING ADJOURNED AT 2:42 P.M.

**NEXT MEETING:** Next meeting: Thursday, August 5, 2021, 1:30 p.m.

(Minutes prepared by Maria M. Allen)

AGENDA ITEM #2

Summary of Final Report by MSRC Contrator



## MSRC-TAC Agenda Item No. 2

Date: April 7, 2022  
From: Ray Gorski, MSRC Technical Advisor  
Subject: Final Report Received and Reviewed

One (1) Final Report was submitted for MSRC-TAC review and approval:

- Orange County Transportation Authority, Contract #MS18104 (\$212,000 – OCTA College Pass Program)

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

Contractor: Orange County Transportation Authority  
Contract Number: MS18104  
Contract Amount: \$212,000  
Title: College Pass Program

The College Pass Program for Fullerton College students was operated by OCTA. During the program implementation period, registered full-time and part-time students were offered free rides on OCTA fixed-route buses.

The OCTA Marketing Team implemented a comprehensive launch campaign to promote the College Pass Program. With goals of reaching the maximum number of students and positioning the College Pass Program/OC Bus as a convenient and easy way for travel to and from campus, promotions were launched that included a prominent bus wrap, bus shelter ads, posters, brochures, social media, email blasts, and on-campus kick-off events to generate awareness and interests in riding among students.

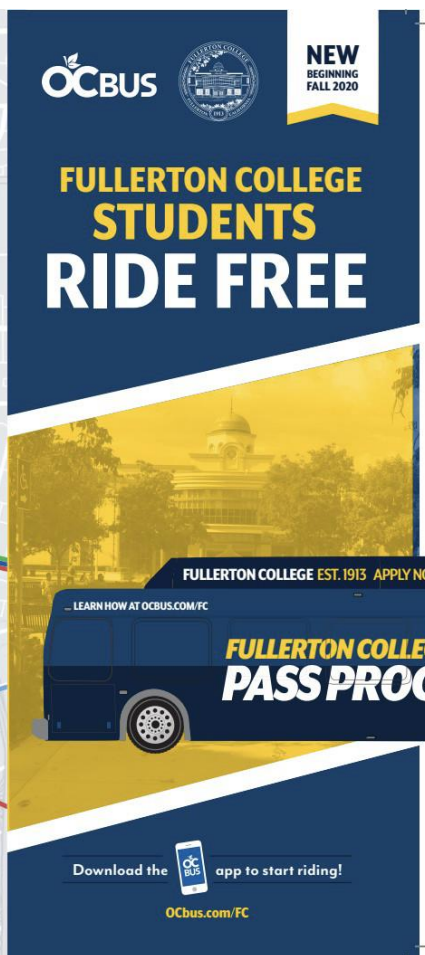
At the end of the first semester, the program attracted 2,441 total unique student riders, an 105% increase compared to the number of student users during the first week of the program. OCTA's Marketing staff periodically continued the marketing efforts through information updates both in print and digital formats to keep students informed and engaged.

To ensure that Fullerton College students boarded the buses at no charge, student identification cards were encoded to work with OCTA farebox systems. Students also had the option to access their pass on the OC Bus mobile application to ride the buses.

The Fullerton College Pass Program started on August 2019. During the period of May through November 2020, OCTA transitioned to rear-door boarding as a safety precaution due to the COVID-19. During this time, the fareboxes were not used and ridership attributed to each college could not be tracked. Ridership declined systemwide due to the pandemic. In turn, there was not enough ridership to draw down the whole MSRC funding allocation prior to the expiration of funding.

When compared with the ridership prior to the College Pass Program, the Fullerton College Program helped increase the average monthly OC Bus ridership by 13%, or 2,652 boardings between the inception of the program on August 20, 2019, and March 2020. At that time, California issued a stay-at-home order due to the pandemic that resulted in the rear-door boarding safety measure and the subsequent inability to collect ridership data.

By offering a low-cost transit pass to more college students, OCTA demonstrated the feasibility of increasing use of public transportation while decreasing dependence on automobiles. This program has been very well received by Fullerton College and its students and a plan to continue the program beyond the initial period is currently underway.



AGENDA ITEM #3

MSRC Contracts Administrator's Report

MSRC-TAC Agenda Item No. 3

**DATE:** April 7, 2022

**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 February 24 to March 30, 2022.

**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 executed.

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

On June 4, 2021, the SCAQMD Governing Board approved an award under the Major Event Center Transportation Program. This contract is with the prospective contractor for signature.

**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 2 are in “Open/Complete” status, having completed all obligations except operations.

***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 5 are in “Open/Complete” status.

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

No invoices were paid during this period.

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

7 contracts from this Work Program year are open, and 16 are in “Open/Complete” status. One contract closed during this period: City of La Habra, Contract #ML14061 – Purchase 2 Heavy-Duty CNG Vehicles.

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

No invoices were paid during this period.

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

23 contracts from this Work Program year are open, and 34 are in “Open/Complete” status. 3 contracts moved into “Open/Complete” status during this period: City of El Monte, Contract #ML16083 – Install EV Charging Infrastructure; Omnitrans, Contract #MS16117 – Expansion of Existing CNG Infrastructure; and Omnitrans, Contract #MS16118 – Expansion of Existing CNG Infrastructure.

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

2 invoices totaling \$171,000.00 were paid during this period.

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

81 contracts from this Work Program year are open, and 57 are in “Open/Complete” status. 3 contracts moved into “Open/Complete” status during this period: City of Chino, Contract #ML18056 – Install EV Charging Infrastructure; City of Murrieta, Contract #ML18087 – Install EV Charging Infrastructure; and City of Alhambra, Contract #ML18169 – Install EV Charging Infrastructure.

***FYs 2016-18 Invoices Paid***

2 invoices totaling \$375,973.31 were paid during this period.

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

11 contracts from this Work Program year are open.

***FYs 2018-21 Invoices Paid***

4 invoices totaling \$5,227.15 were paid during this period.

***Administrative Scope Changes***

2 administrative scope changes were initiated during the period from February 24 to March 30, 2022:

- Geographics, Contract #MS21006 (Host & Maintain MSRC Website) – Add hourly rate for web development, which was inadvertently omitted originally, to rate table
- Better World Group, Contract #MS21002 (Programmatic Outreach Services) – Add option clause for two additional years, subject to approval by MSRC and South Coast AQMD Governing Board, which was inadvertently omitted originally

**Attachments**

- FY 2008-09 through FYs 2018-21 (except FY 2009-10) Contract Status Reports
- FY 2008-09 through FYs 2018-21 (except FY 2009-10) Progress Report Tracking



## AB2766 Discretionary Fund Program Invoices

February 24, 2022 to March 30, 2022

Contract Admin.	MSRC Chair	MSRC Liaison	Finance	Contract #	Contractor	Invoice #	Amount
<i>2014-2016 Work Program</i>							
3/15/2022	3/30/2022			MS16121	Long Beach Transit	8	\$85,500.00
2/24/2022	3/10/2022	3/11/2022		MS16121	Long Beach Transit	7	\$85,500.00
<b>Total: \$171,000.00</b>							
<i>2016-2018 Work Program</i>							
3/15/2022	3/30/2022			ML18098	City of Redondo Beach	FINAL	\$89,400.00
3/8/2022	3/10/2022	3/11/2022		MS18002	Southern California Association of Governments	MS18002-17	\$286,573.31
<b>Total: \$375,973.31</b>							
<i>2018-2021 Work Program</i>							
3/29/2022	3/30/2022			MS21002	Better World Group Advisors	WG-MSRC2	\$1,801.25
3/29/2022	3/30/2022			MS21002	Better World Group Advisors	WG-MSRC2	\$2,872.65
3/29/2022	3/30/2022			MS21006	Geographics	22-22724	\$180.25
3/9/2022	3/10/2022	3/11/2022		MS21006	Geographics	22-22723	\$373.00

**Total: \$5,227.15**

**Total This Period: \$552,200.46**



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

3/30/2022

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
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**Total: 1**

#### **Open/Complete Contracts**

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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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## FY 2010-2011 Contracts

### Open Contracts

ML11029	City of Santa Ana	9/7/2012	3/6/2020	3/6/2023	\$262,500.00	\$75,000.00	Expansion of Existing CNG Station, Install N	\$187,500.00	No
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**Total: 1**

### Declined/Cancelled Contracts

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

**Total: 22**

### Closed Contracts

ML11007	Coachella Valley Association of Gove	7/29/2011	7/28/2012		\$250,000.00	\$249,999.96	Regional PM10 Street Sweeping Program	\$0.04	Yes
ML11020	City of Indio	2/1/2013	3/31/2019	9/30/2020	\$15,000.00	\$9,749.50	Retrofit one H.D. Vehicles w/DECS, repower	\$5,250.50	Yes
ML11021	City of Whittier	1/27/2012	9/26/2018	6/26/2019	\$210,000.00	\$210,000.00	Purchase 7 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11022	City of Anaheim	3/16/2012	7/15/2018		\$150,000.00	\$150,000.00	Purchase of 5 H.D. Vehicles	\$0.00	Yes
ML11023	City of Rancho Cucamonga	4/20/2012	12/19/2018	9/19/2020	\$260,000.00	\$260,000.00	Expand Existing CNG Station, 2 H.D. Vehicl	\$0.00	Yes
ML11025	County of Los Angeles Department o	3/14/2014	9/13/2021		\$150,000.00	\$150,000.00	Purchase 5 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11026	City of Redlands	3/2/2012	10/1/2018		\$90,000.00	\$90,000.00	Purchase 3 Nat. Gas H.D. Vehicles	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
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
ML11040	City of South Pasadena	5/4/2012	1/3/2019	1/3/2022	\$30,000.00	\$30,000.00	Purchase 1 Nat. Gas H.D. Vehicle	\$0.00	Yes
ML11041	City of Santa Ana	9/7/2012	11/6/2018	1/6/2021	\$265,000.00	\$244,651.86	Purchase 7 LPG H.D. Vehicles, Retrofit 6 H.	\$20,348.14	Yes
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS11061	Eastern Municipal Water District	3/29/2012	5/28/2015		\$11,659.00	\$1,450.00	Retrofit One Off-Road Vehicle under Showca	\$10,209.00	Yes
MS11062	Load Center	9/7/2012	1/6/2016	12/6/2016	\$175,384.00	\$169,883.00	Retrofit Six Off-Road Vehicles under Showca	\$5,501.00	Yes
MS11065	Temecula Valley Unified School Distr	8/11/2012	1/10/2019		\$50,000.00	\$48,539.62	Expansion of Existing CNG Station	\$1,460.38	Yes
MS11066	Torrance Unified School District	11/19/2012	9/18/2018		\$42,296.00	\$42,296.00	Expansion of Existing CNG Station	\$0.00	Yes
MS11067	City of Redlands	5/24/2012	11/23/2018	11/23/2019	\$85,000.00	\$85,000.00	Expansion of Existing CNG Station	\$0.00	Yes
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: 58**

#### **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	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
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: 2**

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

### Open Contracts

ML12014	City of Santa Ana	11/8/2013	8/7/2020	2/7/2022	\$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	12/13/2026	\$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	6/30/2022	\$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 Infrastructur	\$60,000.00	No
ML12038	City of Long Beach Public Works				\$26,000.00	\$0.00	Electric Vehicle Charging Infrastructure	\$26,000.00	No
ML12040	City of Duarte				\$30,000.00	\$0.00	One Heavy-Duty Nat. Gas Vehicle	\$30,000.00	No
ML12044	County of San Bernardino Public Wor				\$250,000.00	\$0.00	Install New CNG Station	\$250,000.00	No
ML12048	City of La Palma	1/4/2013	11/3/2018		\$20,000.00	\$0.00	Two Medium-Duty LPG Vehicles	\$20,000.00	No
ML12052	City of Whittier	3/14/2013	7/13/2019		\$165,000.00	\$0.00	Expansion of Existing CNG Station	\$165,000.00	No
ML12053	City of Mission Viejo				\$60,000.00	\$0.00	EV Charging Infrastructure	\$60,000.00	No
MS12007	WestAir Gases & Equipment				\$100,000.00	\$0.00	Construct New Limited-Acess CNG Station	\$100,000.00	No
MS12027	C.V. Ice Company, Inc.	5/17/2013	11/16/2019		\$75,000.00	\$0.00	Purchase 3 Medium-Heavy Duty Vehicles	\$75,000.00	No
MS12030	Complete Landscape Care, Inc.				\$150,000.00	\$0.00	Purchase 6 Medium-Heavy Duty Vehicles	\$150,000.00	No
MS12067	Leatherwood Construction, Inc.	11/8/2013	3/7/2017		\$122,719.00	\$0.00	Retrofit Six Vehicles w/DECS - Showcase III	\$122,719.00	No
MS12070	Valley Music Travel/CID Entertainme				\$99,000.00	\$0.00	Implement Shuttle Service to Coachella Musi	\$99,000.00	No

**Total: 12**

### Closed Contracts

ML12013	City of Pasadena	10/19/2012	3/18/2015	9/18/2015	\$200,000.00	\$65,065.00	Electric Vehicle Charging Infrastructure	\$134,935.00	Yes
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
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
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
ML12046	City of Irvine	8/11/2013	3/10/2021		\$30,000.00	\$30,000.00	One Heavy-Duty Nat. Gas Vehicle	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML12047	City of Orange	2/1/2013	1/31/2019		\$30,000.00	\$30,000.00	One Heavy-Duty Nat. Gas Vehicle	\$0.00	Yes
ML12049	City of Rialto Public Works	7/14/2014	9/13/2015		\$30,432.00	\$3,265.29	EV Charging Infrastructure	\$27,166.71	Yes
ML12050	City of Baldwin Park	4/25/2013	4/24/2014	10/24/2014	\$402,400.00	\$385,363.00	EV Charging Infrastructure	\$17,037.00	Yes
ML12054	City of Palm Desert	9/30/2013	2/28/2015		\$77,385.00	\$77,385.00	EV Charging Infrastructure	\$0.00	Yes
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
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
ML12066	City of Manhattan Beach	1/7/2014	4/6/2015		\$5,900.00	\$5,900.00	Electric Vehicle Charging Infrastructure	\$0.00	Yes
MS12001	Los Angeles County MTA	7/1/2012	4/30/2013		\$300,000.00	\$211,170.00	Clean Fuel Transit Service to Dodger Stadiu	\$88,830.00	Yes
MS12002	Orange County Transportation Autho	9/7/2012	4/30/2013		\$342,340.00	\$333,185.13	Express Bus Service to Orange County Fair	\$9,154.87	Yes
MS12003	Orange County Transportation Autho	7/20/2012	2/28/2013		\$234,669.00	\$167,665.12	Implement Metrolink Service to Angel Stadiu	\$67,003.88	Yes
MS12004	USA Waste of California, Inc.	10/24/2013	11/23/2019		\$175,000.00	\$175,000.00	Construct New Limited-Access CNG Station	\$0.00	Yes
MS12005	USA Waste of California, Inc.	10/19/2012	8/18/2013		\$75,000.00	\$75,000.00	Vehicle Maintenance Facility Modifications	\$0.00	Yes
MS12006	Waste Management Collection & Re	10/19/2012	8/18/2013		\$75,000.00	\$75,000.00	Vehicle Maintenance Facility Modifications	\$0.00	Yes
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 Distric	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 Distr	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
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
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 Autho	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 Autho	3/14/2014	3/13/2017		\$224,000.00	\$114,240.00	Transit-Oriented Bicycle Sharing Program	\$109,760.00	Yes
MS12062	Fraser Communications	12/7/2012	5/31/2014		\$998,669.00	\$989,218.49	Develop & Implement "Rideshare Thursday"	\$9,450.51	Yes
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 Autho	7/27/2013	11/30/2013		\$43,933.00	\$14,832.93	Ducks Express Service to Honda Center	\$29,100.07	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS12068	Southern California Regional Rail Aut	3/1/2013	9/30/2013		\$57,363.00	\$47,587.10	Implement Metrolink Service to Autoclub Sp	\$9,775.90	Yes
MS12069	City of Irvine	8/11/2013	2/28/2014		\$45,000.00	\$26,649.41	Implement Special Transit Service to Solar D	\$18,350.59	Yes
MS12071	Transit Systems Unlimited, Inc.	5/17/2013	12/16/2018		\$21,250.00	\$21,250.00	Expansion of Existing CNG Station	\$0.00	Yes
MS12072	99 Cents Only Stores	4/5/2013	9/4/2019		\$100,000.00	\$100,000.00	Construct New CNG Station	\$0.00	Yes
MS12073	FirstCNG, LLC	7/27/2013	12/26/2019		\$150,000.00	\$150,000.00	Construct New CNG Station	\$0.00	Yes
MS12074	Arcadia Unified School District	7/5/2013	9/4/2019		\$175,000.00	\$175,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
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
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
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: 67**

#### 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

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
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
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: 5**

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

### Open Contracts

ML14012	City of Santa Ana	2/13/2015	10/12/2021	4/12/2022	\$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
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
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
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	4/4/2023	\$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	3/26/2024	\$1,250,000.00	\$1,023,566.17	Implement Various Signal Synchronization P	\$226,433.83	No

**Total: 7**

### 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
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
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
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
ML14028	City of Fullerton	9/5/2014	1/4/2022		\$126,950.00	\$126,950.00	Expansion of Exisiting CNG Infrastructure	\$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
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	Yes
ML14031	Riverside County Waste Managemen	6/13/2014	12/12/2020		\$90,000.00	\$90,000.00	Purchase 3 H.D. CNG Vehicles	\$0.00	Yes
ML14032	City of Rancho Cucamonga	1/9/2015	1/8/2022		\$113,990.00	\$104,350.63	Expansion of Existing CNG Infras., Bicycle L	\$9,639.37	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML14033	City of Irvine	7/11/2014	2/10/2021	2/10/2022	\$60,000.00	\$60,000.00	Purchase 2 H.D. CNG Vehicles	\$0.00	Yes
ML14034	City of Lake Elsinore	9/5/2014	5/4/2021		\$56,700.00	\$56,700.00	EV Charging Stations	\$0.00	Yes
ML14049	City of Moreno Valley	7/11/2014	3/10/2021		\$105,000.00	\$101,976.09	One HD Nat Gas Vehicle, EV Charging, Bicy	\$3,023.91	Yes
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
ML14061	City of La Habra	3/11/2016	3/10/2022		\$41,600.00	\$41,270.49	Purchase Two Heavy-Duty Nat. Gas Vehicle	\$329.51	Yes
ML14064	City of Claremont	7/11/2014	7/10/2020	1/10/2021	\$60,000.00	\$60,000.00	Purchase Two Heavy-Duty Nat. Gas Vehicle	\$0.00	Yes
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
ML14097	County of Los Angeles Internal Servi	9/6/2019	9/5/2020	9/5/2021	\$104,400.00	\$104,400.00	Electric Vehicle Charging Infrastructure	\$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
MS14041	USA Waste of California, Inc.	9/4/2015	10/3/2021		\$175,000.00	\$175,000.00	Limited-Access CNG Station, Vehicle Maint.	\$0.00	Yes
MS14042	Grand Central Recycling & Transfer	6/6/2014	9/5/2021		\$150,000.00	\$150,000.00	Expansion of Existing CNG Station	\$0.00	Yes
MS14044	TIMCO CNG Fund I, LLC	5/2/2014	11/1/2020		\$150,000.00	\$150,000.00	New Public-Access CNG Station in Santa An	\$0.00	Yes
MS14045	TIMCO CNG Fund I, LLC	6/6/2014	12/5/2020		\$150,000.00	\$150,000.00	New Public-Access CNG Station in Inglewoo	\$0.00	Yes
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
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
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

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

**Total: 57**

#### Closed/Incomplete Contracts

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

**Total: 6**

#### Open/Complete Contracts

ML14013	City of Los Angeles, Bureau of Sanit	10/7/2016	2/6/2025		\$400,000.00	\$400,000.00	Purchase 14 H.D. Nat. Gas Vehicles	\$0.00	Yes
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
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
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
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
MS14079	Waste Resources, Inc.	9/14/2016	8/13/2022	10/13/2024	\$100,000.00	\$100,000.00	New Limited Access CNG Station	\$0.00	Yes
MS14080	CR&R Incorporated	6/1/2015	8/31/2021	8/31/2022	\$200,000.00	\$200,000.00	Expansion of Existing CNG Infrastructure/Ma	\$0.00	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
MS14083	Hacienda La Puente Unified School	7/10/2015	3/9/2022	6/9/2023	\$175,000.00	\$175,000.00	New Limited Access CNG Station	\$0.00	Yes

**Total: 15**

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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## FY 2014-2016 Contracts

### Open Contracts

ML16006	City of Cathedral City	4/27/2016	4/26/2022	4/26/2023	\$25,000.00	\$0.00	Bicycle Outreach	\$25,000.00	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	\$60,000.00	Install Bicycle Lanes & Purchase 2 Heavy-D	\$110,000.00	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
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	12/25/2026	\$80,000.00	\$18,655.00	Install EV Charging Infrastructure	\$61,345.00	No
ML16057	City of Yucaipa	4/27/2016	1/26/2019	1/26/2023	\$380,000.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$380,000.00	No
ML16071	City of Highland	5/5/2017	1/4/2020	1/4/2023	\$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	8/26/2024	\$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
MS16086	San Bernardino County Transportatio	9/3/2016	10/2/2021		\$800,625.00	\$769,021.95	Freeway Service Patrols	\$31,603.05	Yes
MS16094	Riverside County Transportation Co	1/25/2017	1/24/2022	4/24/2023	\$1,909,241.00	\$0.00	MetroLink First Mile/Last Mile Mobility Strate	\$1,909,241.00	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
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	\$826,500.00	Repower 63 Existing Buses	\$118,500.00	No
MS16121	Long Beach Transit	11/3/2017	4/2/2024	11/30/2028	\$600,000.00	\$413,250.00	Repower 39 and Purchase 1 New Transit Bu	\$186,750.00	No
MS16123	Orange County Transportation Autho	12/7/2018	11/6/2023		\$91,760.00	\$0.00	Install La Habra Union Pacific Bikeway	\$91,760.00	No
MS16127	Los Angeles County MTA	6/29/2021		6/28/2022	\$2,500,000.00	\$2,500,000.00	Expansion of the Willowbrook/Rosa Parks Tr	\$0.00	No

**Total: 23**

### Declined/Cancelled Contracts

ML16014	City of Dana Point				\$153,818.00	\$0.00	Extend an Existing Class 1 Bikeway	\$153,818.00	No
ML16065	City of Temple City				\$500,000.00	\$0.00	Implement a "Complete Streets" Pedestrian	\$500,000.00	No
ML16067	City of South El Monte				\$73,329.00	\$0.00	Implement an "Open Streets" Event	\$73,329.00	No
ML16074	City of La Verne	7/22/2016	1/21/2023		\$365,000.00	\$0.00	Install CNG Fueling Station	\$365,000.00	No
MS16043	LBA Realty Company LLC				\$100,000.00	\$0.00	Install Limited-Access CNG Station	\$100,000.00	No
MS16080	Riverside County Transportation Co				\$1,200,000.00	\$0.00	Passenger Rail Service for Coachella and St	\$1,200,000.00	No
MS16098	Long Beach Transit				\$198,957.00	\$0.00	Provide Special Bus Service to Stub Hub Ce	\$198,957.00	No
MS16104	City of Perris				\$175,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$175,000.00	No
MS16106	City of Lawndale	3/1/2019	11/30/2025		\$175,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$175,000.00	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS16107	Athens Services				\$100,000.00	\$0.00	Construct a Limited-Access CNG Station	\$100,000.00	No
MS16108	VNG 5703 Gage Avenue, LLC				\$150,000.00	\$0.00	Construct Public-Access CNG Station in Bell	\$150,000.00	No
MS16109	Sanitation Districts of Los Angeles C				\$275,000.00	\$0.00	Expansion of an Existing L/CNG Station	\$275,000.00	No
MS16111	VNG 925 Lakeview Avenue, LLC				\$150,000.00	\$0.00	Construct Public Access CNG Station in Pla	\$150,000.00	No

**Total: 13**

Closed Contracts									
ML16009	City of Fountain Valley	10/6/2015	2/5/2018	5/5/2019	\$46,100.00	\$46,100.00	Install EV Charging Infrastructure	\$0.00	Yes
ML16015	City of Yorba Linda	3/4/2016	11/3/2017		\$85,000.00	\$85,000.00	Install Bicycle Lanes	\$0.00	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
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
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
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
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
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
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
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
ML16076	City of San Fernando	2/21/2017	8/20/2021		\$43,993.88	\$43,993.88	Install EV Charging Infrastructure	\$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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
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	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: 50**

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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
ML16040	City of Eastvale	1/6/2017	7/5/2022	7/5/2026	\$110,000.00	\$53,908.85	Install EV Charging Infrastructure	\$56,091.15	No
ML16041	City of Moreno Valley	9/3/2016	1/2/2021	4/2/2024	\$20,000.00	\$20,000.00	Install EV Charging Infrastructure	\$0.00	Yes
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
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
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
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
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
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

**Total: 34**

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
<b>FY 2016-2018 Contracts</b>									
<b>Open Contracts</b>									
ML18020	City of Colton	5/3/2018	4/2/2024	12/2/2026	\$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
ML18036	City of Indian Wells	8/8/2018	5/7/2023	5/7/2025	\$50,000.00	\$0.00	Install EV Charging Stations	\$50,000.00	No
ML18041	City of West Hollywood	8/8/2018	12/7/2023	6/7/2024	\$50,000.00	\$0.00	Install EV Charging Infrastructure	\$50,000.00	No
ML18043	City of Yorba Linda	9/7/2018	12/6/2023	12/6/2024	\$87,990.00	\$0.00	Install EV Charging Infrastructure	\$87,990.00	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		\$91,500.00	\$30,000.00	Purchase 6 Light-Duty ZEVs, Install 3 Limite	\$61,500.00	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	11/29/2018	11/28/2026		\$622,220.00	\$207,283.14	Install EV Charging Stations	\$414,936.86	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 Medim-Dity 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	8/4/2028	\$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	7/6/2025	\$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		\$375,000.00	\$300,000.00	Purchase 15 Heavy-Duty Vehicles	\$75,000.00	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
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
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	4/30/2027	\$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
ML18098	City of Redondo Beach	2/1/2019	3/31/2023	3/31/2025	\$89,400.00	\$89,400.00	Install Six EV Charging Stations	\$0.00	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	7/28/2025	\$56,500.00	\$0.00	Install Twenty-Four Level II EV Charging Sta	\$56,500.00	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML18101	City of Burbank	2/1/2019	4/30/2024	10/30/2024	\$137,310.00	\$0.00	Install Twenty EV Charging Stations	\$137,310.00	No
ML18129	City of Yucaipa	12/14/2018	3/13/2023	3/13/2026	\$63,097.00	\$0.00	Install Six EV Charging Stations	\$63,097.00	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
ML18141	City of Rolling Hills Estates	2/14/2020	1/13/2024	1/13/2025	\$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	11/30/2025	\$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	7/9/2026	\$60,000.00	\$0.00	Install Eighteen EV Charging Stations	\$60,000.00	No
ML18148	City of San Dimas	1/21/2022	5/20/2023		\$50,000.00	\$0.00	Implement Bicycle Detection Measures	\$50,000.00	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
ML18159	City of Rialto	12/13/2019	5/12/2024	5/12/2025	\$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		\$25,000.00	\$10,000.00	Purchase 1 Light-Duty Zero Emission and E	\$15,000.00	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
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
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	12/6/2028	\$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	11/30/2027	\$25,000.00	\$0.00	Purchase One Heavy-Duty Near-Zero Emissi	\$25,000.00	No
ML18179	City of Rancho Mirage	8/20/2021	2/19/2022		\$50,000.00	\$50,000.00	Traffic Signal Synchronization	\$0.00	No
MS18002	Southern California Association of G	6/9/2017	11/30/2018	12/30/2021	\$2,500,000.00	\$2,276,272.46	Regional Active Transportation Partnership	\$223,727.54	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	\$361,688.10	Weekend Freeway Service Patrols	\$138,311.90	No
MS18024	Riverside County Transportation Co	6/28/2018	8/27/2021	8/27/2023	\$1,500,000.00	\$659,640.00	Vanpool Incentive Program	\$840,360.00	No
MS18027	City of Gardena	11/2/2018	9/1/2026	1/1/2028	\$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	\$2,000,000.00	Implement Metrolink Line Fare Discount Pro	\$0.00	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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
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	3/31/2027	\$200,000.00	\$0.00	Install New Limited Access CNG Infrastructur	\$200,000.00	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: 81**

#### Pending Execution Contracts

MS18180	Omnitrans				\$83,000.00	\$0.00	Modify Vehicle Maintenance Facility and Trai	\$83,000.00	No
MS18181	San Bernardino County Transportatio				\$1,662,000.00	\$0.00	Construct Hydrogen Fueling Station	\$1,662,000.00	No
MS18182	Air Products and Chemicals Inc.				\$1,000,000.00	\$0.00	Install Publicly Accessible Hydrogen Fueling	\$1,000,000.00	No
MS18183	Nikola Energy, Inc.				\$1,660,000.00	\$0.00	Install Publicly Accessible Hydrogen Fueling	\$1,660,000.00	No
MS18184	Clean Energy				\$1,000,000.00	\$0.00	Install Publicly Accessible Hydrogen Fueling	\$1,000,000.00	No

**Total: 5**

#### Declined/Cancelled Contracts

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
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
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS18121	City of Montebello				\$70,408.00	\$0.00	Expansion of Existing CNG Infrastructure	\$70,408.00	No
<b>Total: 19</b>									
<b>Closed Contracts</b>									
ML18021	City of Signal Hill	4/6/2018	1/5/2022		\$49,661.00	\$46,079.31	Install EV Charging Stations	\$3,581.69	Yes
ML18022	City of Desert Hot Springs	5/3/2018	1/2/2020	1/2/2021	\$50,000.00	\$50,000.00	Traffic Signal and Synchronization Project	\$0.00	Yes
ML18088	City of Big Bear Lake	11/29/2018	8/28/2020	8/28/2021	\$50,000.00	\$50,000.00	Install Bicycle Trail	\$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
ML18139	City of Calimesa	8/30/2019	7/29/2020	11/29/2021	\$50,000.00	\$50,000.00	Install Bicycle Lane	\$0.00	No
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
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	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
<b>Total: 19</b>									
<b>Closed/Incomplete Contracts</b>									
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
<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
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
ML18034	City of Calabasas	6/8/2018	3/7/2022	3/7/2023	\$50,000.00	\$50,000.00	Install EVSE	\$0.00	No
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
ML18038	City of Anaheim	10/5/2018	5/4/2025	5/4/2026	\$151,630.00	\$147,883.27	Purchase 5 Light-Duty ZEVs and Install EVS	\$3,746.73	Yes
ML18039	City of Redlands	6/28/2018	7/27/2024	1/27/2025	\$63,191.00	\$63,190.33	Purchase 1 Medium/Heavy-Duty ZEV and In	\$0.67	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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
ML18056	City of Chino	3/29/2019	9/28/2023		\$103,868.00	\$103,868.00	Install EV Charging Infrastructure	\$0.00	No
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 Infr	\$0.00	Yes
ML18079	City of Pasadena	12/7/2018	11/6/2023		\$183,670.00	\$183,670.00	EV Charging Infrastructure	\$0.00	Yes
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
ML18087	City of Murrieta	3/29/2019	3/28/2025		\$143,520.00	\$143,520.00	Install Four EV Charging Stations	\$0.00	No
ML18090	City of Santa Clarita	5/9/2019	2/8/2023	2/8/2024	\$122,000.00	\$118,978.52	Install Nine EV Charging Stations	\$3,021.48	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
ML18096	City of Highland	12/13/2019	8/12/2024		\$10,000.00	\$9,918.84	Purchase Light-Duty Zero Emission Vehicle	\$81.16	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
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
ML18130	City of Lake Forest	3/1/2019	9/30/2022		\$106,480.00	\$106,480.00	Install Twenty-One EVSEs	\$0.00	No
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
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
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		\$35,609.00	\$35,608.86	Install EV Charging Infrastructure	\$0.14	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
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	Yes
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

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML18169	City of Alhambra	6/14/2019	8/13/2024		\$111,980.00	\$111,980.00	Install EV Charging Infrastructure	\$0.00	No
ML18171	City of El Monte	3/1/2019	4/30/2025		\$119,757.00	\$68,077.81	Purchase One Heavy-Duty ZEVs and EV Ch	\$51,679.19	No
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
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
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
MS18124	County Sanitation Districts of Los An	7/31/2019	2/28/2027		\$275,000.00	\$275,000.00	Install New Limited-Access CNG Infrastructu	\$0.00	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	Yes

**Total: 57**

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

### Open Contracts

MS21002	Better World Group Advisors	11/1/2019	12/31/2022		\$265,079.00	\$119,163.95	Programmatic Outreach Services	\$145,915.05	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	\$3,214.25	Hosting & Maintenance of the MSRC Websit	\$9,737.75	No
MS21010	MHX, LLC	9/29/2021	1/28/2028		\$569,275.00	\$0.00	Deploy One Zero-Emission Overhead Crane	\$569,275.00	No
MS21011	RDS Logistics Group	1/21/2022	7/20/2028		\$808,500.00	\$0.00	Deploy 3 Zero-Emission Yard Tractors and C	\$808,500.00	No
MS21013	4 Gen Logistics	3/27/2022	5/26/2028		\$7,000,000.00	\$0.00	Deploy 40 Zero Emssion Trucks	\$7,000,000.00	No
MS21014	Green Fleet Systems, LLC	8/31/2021	8/30/2027		\$500,000.00	\$0.00	Deploy up to 5 Near Zero Emission Trucks	\$500,000.00	No
MS21015	Premium Transportation Services, In	9/22/2021	5/21/2027		\$1,500,000.00	\$0.00	Deploy up to 15 Near-Zero Emissions Trucks	\$1,500,000.00	No
MS21017	MHX, LLC	9/29/2021	9/28/2030		\$1,900,000.00	\$0.00	Deploy up to 10 Zero-Emission Trucks & Infr	\$1,900,000.00	No
MS21018	Pac Anchor Transportation, Inc.	8/17/2021	8/16/2027		\$2,300,000.00	\$0.00	Deploy up to 23 Near Zero Emission Trucks	\$2,300,000.00	No

**Total: 11**

### Pending Execution Contracts

MS21007	Penske Truck Leasing Co., L.P.				\$1,000,000.00	\$0.00	Deploy 5 Zero-Emission Yard Tractors	\$1,000,000.00	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				\$1,686,900.00	\$0.00	Deploy 12 Zero-Emission Yard Tractors	\$1,686,900.00	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
MS21016	Ryder Integrated Logistics, Inc.				\$3,169,746.00	\$0.00	Procure Two Integrated Power Centers and	\$3,169,746.00	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
MS21023	BNSF Railway Company				\$1,313,100.00	\$0.00	Install EV Charging Infrastructure	\$1,313,100.00	No
MS21024	Costco Wholesale				\$160,000.00	\$0.00	Install EV Charging Infrastructure	\$160,000.00	No

**Total: 10**

### 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
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**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
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	Yes

**Total: 2**



3/30/2022

## 2010-11 Subvention Fund Match Program Progress Reports

Cont#	Contractor	Start Date	Original End Date	Amended End Date	Reporting	Jan'22	Feb	Mar	Apr	May	Jun	Jul
<b>Open Contracts</b>												
ML11029	City of Santa Ana	09/07/12	03/06/20	03/06/23	Quarterly			WL				
Total 1												



3/30/2022

## 2011-12 Subvention Fund Match Progress Reports

Cont#	Contractor	Start Date	Original End Date	Amended End Date	Reporting	Jan'22	Feb	Mar	Apr	May	Jun	Jul
Open Contracts												
ML12014	City of Santa Ana	11/08/13	08/07/20	02/07/22	Quarterly		FR Rec'd					
ML12045	City of Baldwin Park DPW	02/14/14	12/13/20	12/13/26	Quarterly			WL				
ML12090	City of Palm Springs	10/09/15	10/08/21	09/08/25	Quarterly			WL				
ML12091	City of Bellflower	10/05/18	10/04/19	06/30/22	Quarterly			WL				

**Total 4**



3/30/2022

## 2012-14 Subvention Fund Match Program Progress Reports

Cont#	Contractor	Start Date	Original End Date	Amended End Date	Reporting	Jan'22	Feb	Mar	Apr	May	Jun	Jul	Aug
Open Contracts													
ML14012	City of Santa Ana	06/13/15	10/12/21	04/12/22	Quarterly		02/17/22						
ML14021	Riverside County Regional Park	07/24/14	12/23/16	09/30/24	Quarterly		03/03/22						
ML14027	County of LA Dept of Public Works	10/02/15	05/01/23	12/01/25	Quarterly		02/02/22						
ML14072	City of Cathedral City	08/13/14	01/12/21	07/12/22	Quarterly	Working on FR		WL					

**Total 4**



## 2012-14 AB2766 Contract Progress Reports

Cont#	Contractor	Start Date	Original	Amended	Jan'22	Feb	Mar	Apr	May	Jun	Jul	Aug
			End Date	End Date								
Open Contracts												
MS14057	Los Angeles County MTA	11/07/14	10/06/19	10/06/23		02/23/22						
MS14059	Riverside County Transportation Commission	09/05/14	03/04/18	04/04/23	01/27/22							
MS14072	San Bernardino Associated Governments	03/27/15	03/26/18	03/26/24	01/26/22							
Total: 3												

## 2014-16 AB2766 Contract Progress Reports

Cont#	Contractor	Start Date	Original End Date	Amended End Date	Reporting	Jan '22	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Open Contracts</b>														
ML16006	City of Cathedral City	04/27/16	04/26/22	04/26/23	Quarterly	01/13/22								
ML16010	City of Fullerton	10/07/16	04/06/23	04/06/24	Quarterly			03/10/22						
ML16017	City of Long Beach	02/05/16	08/04/23	01/04/26	Quarterly			03/01/22						
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			03/05/22						
ML16025	City of South Pasadena	06/22/16	04/21/23	10/21/24	Quarterly									
ML16038	City of Palm Springs	04/01/16	07/31/22	09/30/22	Quarterly									
ML16039	City of Torrance Transit Department	01/06/17	09/05/22	09/05/23	Quarterly			WL						
ML16047	City of Fontana	01/06/17	08/05/19	08/05/22	Quarterly									
ML16048	City of Placentia	03/26/16	05/25/21	06/25/22	Quarterly			WL						
ML16057	City of Yucaipa	04/27/16	01/26/19	01/26/23	Quarterly									
ML16071	City of Highland	05/05/17	01/04/20	01/04/23	Quarterly			WL						
ML16075	City of San Fernando	10/27/16	02/26/19	08/26/24	Quarterly			WL						
ML16077	City of Rialto	05/03/18	10/02/21	02/02/26	Quarterly									
MS16094	Riverside County Transportation Commission	01/25/17	01/24/22	04/24/23	Quarterly									
MS16110	City of Riverside	10/06/17	02/05/25	02/05/26	Quarterly									
MS16115	City of Santa Monica	04/14/17	07/13/25		Quarterly	WL								
MS16119	Omnitrans	05/21/17	08/20/22		Quarterly			WL						
MS16120	Omnitrans	04/07/17	05/06/25		Quarterly			WL						
MS16121	Long Beach Transit	11/03/17	04/02/24	11/30/28	Quarterly		02/03/22							
MS16123	Orange County Transportation Authority	12/07/18	11/06/23		Quarterly									
MS16127	Los Angeles County MTA	06/29/21	06/28/22		Quarterly	01/27/22								

## 2016-18 AB2766 Contract Progress Reports

Cont#	Contractor	Start Date	Original End Date	Amended End Date	Reporting	Jan '22	Feb	Mar	Apr	May	Jun	Jul	Aug
<b>Open Contracts</b>													
ML18020	City of Colton	05/03/18	04/02/24	12/02/26	Quarterly								
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			03/25/22					
ML18036	City of Indian Wells	08/08/18	05/07/23	05/07/25	Quarterly								
ML18041	City of West Hollywood	08/08/18	12/07/23	06/07/24	Quarterly								
ML18043	City of Yorba Linda	09/07/18	12/06/23	12/06/24	Quarterly								
ML18046	City of Santa Ana	11/09/18	07/08/26		Quarterly								
ML18047	City of Whittier	08/08/18	04/07/26		Quarterly		02/11/22						
ML18050	City of Irvine	09/07/18	08/06/23		Quarterly								
ML18051	City of Rancho Cucamonga	03/01/19	10/31/25		Quarterly								
ML18053	City of Paramount	09/07/18	03/06/23		Quarterly			03/25/22					
ML18055	City of Long Beach	11/29/18	11/28/26		Quarterly								
ML18057	City of Carson	10/05/18	07/04/23		Quarterly								
ML18058	City of Perris	10/12/18	11/11/24		Quarterly			WL					
ML18059	City of Glendale	02/01/19	07/31/26		Quarterly			03/25/22					
ML18060	County of Los Angeles Internal Services Dept	10/05/18	08/04/26	08/04/28	Quarterly								
ML18063	City of Riverside	06/07/19	01/06/27		Quarterly								
ML18064	City of Eastvale	11/29/18	04/28/26	10/28/28	Quarterly			03/28/22					
ML18067	City of Pico Rivera	09/07/18	11/06/22	07/06/25	Quarterly			03/30/22					
ML18068	City of Mission Viejo	07/31/19	06/30/27		Quarterly								
ML18069	City of Torrance	03/01/19	07/31/27		Quarterly								
ML18078	County of Riverside	10/05/18	10/04/28		Quarterly		03/15/22						
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			03/22/22					
ML18083	City of San Fernando	11/02/18	11/01/22		Quarterly								
ML18084	City of South El Monte	10/18/19	09/17/23	09/17/24	Quarterly			WL					
ML18089	City of Glendora	07/18/19	04/18/25	04/18/26	Quarterly			WL					
ML18091	City of Temecula	01/19/19	07/18/23		Quarterly			WL					
ML18092	City of South Pasadena	02/01/19	01/31/25	04/30/27	Quarterly	ec'd Pub Out							
ML18093	City of Monterey Park	02/01/19	02/28/26		Quarterly			WL					
ML18094	City of Laguna Woods	07/12/19	12/11/24		Quarterly			WL					
ML18098	City of Redondo Beach	02/01/19	05/01/23	03/31/25	Quarterly			FR Rec'd					

ML18099	City of Laguna Hills	03/01/19	05/31/23		Quarterly								
ML18100	City of Brea	10/29/20	12/28/24	07/28/25	Quarterly	01/26/22		03/15/22					
ML18101	City of Burbank	02/01/19	04/30/24		Quarterly								
ML18129	City of Yucaipa	12/14/18	03/13/23	03/13/26	Quarterly								
ML18132	City of Montclair	04/05/19	09/04/23		Quarterly			WL					
ML18134	City of Los Angeles	05/03/19	05/02/28		Quarterly								
ML18135	City of Azusa	12/06/19	12/05/29		Quarterly			WL					
ML18136	City of Orange	04/12/19	08/11/24		Quarterly								
ML18137	City of Wildomar	03/01/19	05/31/21	12/01/22	Quarterly			WL					
ML18141	City of Rolling Hills Estates	02/14/20	01/13/24	01/13/25	Quarterly			WL					
ML18142	City of La Quinta	04/24/19	02/23/23	08/23/23	Quarterly								
ML18144	City of Fontana	10/04/19	12/03/23		Quarterly			WL					
ML18145	City of Los Angeles	01/10/20	04/09/27		Quarterly								
ML18146	City of South Gate	03/01/19	11/30/23	11/30/25	Quarterly	WL							
ML18147	City of Palm Springs	01/10/19	01/09/24	07/09/26	Quarterly								
ML18148	City of San Dimas	01/21/22	05/20/23		Quarterly								
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				Begin Rptng				
ML18159	City of Rialto	12/13/19	05/12/24	05/12/25	Quarterly	01/26/22							
ML18161	City of Indio	05/03/19	10/02/25		Quarterly								
ML18163	City of San Clemente	03/08/19	12/07/24	12/07/25	Quarterly			WL					
ML18165	City of Baldwin Park	02/01/19	01/30/24		Quarterly			WL					
ML18166	City of Placentia	02/18/21	05/17/27		Quarterly								
ML18167	City of Beverly Hills	03/29/19	06/28/25		Quarterly								
ML18168	City of Maywood	03/29/19	11/28/22		Quarterly			WL					
ML18170	City of Laguna Niguel	01/10/20	08/09/28		Quarterly			WL					
ML18172	City of Huntington Park	03/01/19	02/28/25		Quarterly		Will terminate						
ML18174	City of Bell	11/22/19	07/21/26		Quarterly								
ML18177	City of San Bernardino	06/07/19	12/06/26	12/06/28	Quarterly			WL					
ML18178	City of La Puente	11/01/19	11/30/25	11/30/27	Quarterly	01/27/22							
ML18179	City of Rancho Mirage	08/20/21	02/19/22		Quarterly	FR Rec'd							
MS18002	Southern California Association of Governments	06/09/17	11/30/18	12/30/21	Quarterly								
MS18015	Southern California Association of Governments	07/13/18	02/28/21	08/31/22	Quarterly								
MS18023	Riverside County Transportation Commission	06/28/18	06/27/21	12/27/22	Quarterly								
MS18024	Riverside County Transportation Commission	06/28/18	08/27/21		Quarterly								
MS18027	City of Gardena	11/02/18	09/01/26	01/01/28	Quarterly								
MS18029	Irvine Ranch Water District	08/08/18	10/07/24		Quarterly			WL					
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			WL					
MS18104	Orange County Transportation Authority	02/21/20	03/31/21	03/31/22	Quarterly			FR Rec'd					

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		02/02/22						
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		02/02/22						
MS18118	City of Beverly Hills	03/29/19	07/28/25		Quarterly								
MS18122	Universal Waste Systems Inc.	02/01/19	03/31/25	03/31/27	Quarterly								
MS18175	Regents of the University of California	06/07/19	08/06/25	08/06/26	Quarterly								



3/30/2022

## 2018-21 AB2766 Contract Progress Reports

[illegible]

**Total: 11**

AGENDA ITEM #4

AB 2766 Discretionary Fund Financial Report

**AB 2766 Discretionary Fund**  
**Financial Report - February 2022**

Available Funding (a)	\$	61,863,023
Less Awards by Work Program: (b)		
FY 2014-16	\$	(145,996)
FY 2016-18		(2,000,000)
FY 2018-21		(45,726,243)
FY 2021-24		(289,275)
Total Awards by Work Program:	\$	(48,161,514)
Less Balance of FY 2018-21 and FY 2021-24 Work Programs (funding not yet awarded)	\$	(5,920,000)
Sub-total - Surplus/(Deficit)	\$	7,781,509
Estimated Revenue (d)	\$	42,106,374
Estimated Available	\$	49,887,883

**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 16-18, FY 18-21 & FY 21-24 Work Program Summary:

<u>FY 16-18 Work Program</u>	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	\$ 14,842,465	\$ 14,842,465	\$ -	\$ -
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 16-18 Totals</b>	<b>\$ 38,853,361</b>	<b>\$ 36,853,361</b>	<b>\$ 2,000,000</b>	<b>\$ -</b>

<u>FY 2018-21 Work Program</u>	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	\$ 265,079	\$ -	\$ -
Technical Advisor - Work Program Portion	\$ 272,475	\$ 272,475	\$ -	\$ -
Market Acceleration Program	\$ 4,000,000	\$ 400,000	\$ -	\$ 3,600,000
VIP Plus Up Incentive Program	\$ 2,500,000	\$ 180,000	\$ -	\$ 2,320,000
Regional Goods Movement Program	\$ 16,751,000	\$ 10,000,000	\$ 6,751,000	\$ -
Inland Ports Zero and Near-Zero Emission Trucking	\$ 26,404,189	\$ 6,200,000	\$ 20,204,189	\$ -
Inland Ports Zero and Near-Zero Emission Cargo Handling	\$ 8,537,775	\$ 1,377,775	\$ 7,160,000	\$ -
Zero-Emission Drayage Truck and Infrastructure Pilot Project	\$ 8,000,000	\$ -	\$ 8,000,000	\$ -
Hydrogen Infrastructure Projects	\$ 3,322,000	\$ -	\$ 3,322,000	\$ -
<b>FY 2018-21 Totals</b>	<b>\$ 75,196,235</b>	<b>\$ 23,549,992</b>	<b>\$ 45,726,243</b>	<b>\$ 5,920,000</b>

<u>FY 2021-24 Work Program</u>	Total	Executed Contracts	Awarded	Balance
Technical Advisor - Work Program Portion	\$ 289,275	\$ -	\$ 289,275	\$ -
<b>FY 2021-24 Totals</b>	<b>\$ 289,275</b>	<b>\$ -</b>	<b>\$ 289,275</b>	<b>\$ -</b>

- (d) Estimated revenue is the interest receivable for FY 2020-21. Annual estimated revenue for outyears is projected to be \$16.7 million per year based on FY 2020-21 revenue. Any change to Health & Safety Code 44243 could affect future revenue.

AGENDA ITEM #5

Report on Outreach Activities

# Memorandum

**To:** MSRC Technical Advisory Committee

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

**Date:** March 31, 2022

**Re:** Winter 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**

- March [Clean Air Road Map](#) e-newsletter
  - City of Big Bear Lake active transportation trails project
  - City of Eastvale EV chargers
  - Historic State budget investments in clean transportation
  - States that have adopted CA's Clean Trucks Rule
- Update the MSRC's [Facebook](#) page with links to news and relevant stories

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

- Develop sample social media messaging for TAC and MSRC members to help promote the MSRC's spring electronic newsletter. We will be disseminating the sample social media soon.
  - **Tweet 1:**  
The @cleantransfund Spring E-newsletter is here!

Read about Eastvale's new EV chargers, Big Bear Lake's walkable/bikeable trail project, and historic State budget investments in clean transportation.

Learn more: <https://bit.ly/3o831Ax>

○ **Tweet 2:**

The @cleantransfund E-news is hot off the (digital) press!

Read about historic investments in clean transportation in the State budget, new EV chargers in the City of Eastvale, and Big Bear Lake's walkable/bikeable trail project.

Learn more: <https://bit.ly/3o831Ax>

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

- Presented to the Hemet and Riverside Chapters of the Transportation NOW Coalition on the MSRC and its mission
- Participated in bi-monthly check-in calls with Cynthia Ravenstein, Contracts Administrator
- Participated in monthly CARB/NGOs call re: state regulatory policy updates
- Participated 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 [January](#), [February](#), and [March](#) *Clean Transportation Policy Update*
- Met with Sydney Vergis and Michelle Buffington of CARB, and Tim Olson of the CEC to discuss funding partnership opportunities. We are developing a strategy memo with recommended next steps to submit to the MSRC.
- Submitted a comment letter to the CEC on the February Medium- and Heavy-duty Allocation workshop to highlight partnership opportunities between the CEC and MSRC

#### **April – June Anticipated Activity Highlights and Opportunities**

- Assist staff as the development of the next Work Program continues
- Promote Program Opportunity Notices as they become available
- Continue pursuing funding partnership opportunities with State agencies
- 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

AGENDA ITEM #6

Contract Modification Request by City of Diamond Bar

MSRC-TAC Agenda Item No. 6

**DATE:** April 7, 2022

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

**SUBJECT:** Reduced Scope and Value and Twelve-Month Term Extension by City of Diamond Bar, Contract #ML18031

**SYNOPSIS:** The City requests to eliminate tasks and funding associated with the procurement of the heavy-duty near-zero emission vehicle. The City experienced delays associated with their electric vehicle (EV) charging station installation contractor and a misunderstanding regarding the sequence in which tasks could be completed. Therefore, the City also requests a twelve-term extension as part of the FYs 2016-18 Local Government Partnership Program.

**FINANCIAL IMPACT:** If the MSRC approves the City's request, \$15,000 would revert to the AB 2766 Discretionary Fund.

**RECOMMENDATIONS:** At a minimum, the MSRC Contracts Administrator recommends a two-month term extension.

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

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**DISCUSSION:**

**Contractor:** City of Diamond Bar

**Project Title:** Procure Two Light-Duty Zero Emission Vehicles, One Heavy-Duty Near-Zero Emission Vehicle, and Install EV Charging

**MSRC Funding:** \$73,930

**Contract Term:** September 7, 2018 to November 6, 2026

**Current Request:** Reduced scope and value and twelve-month term extension

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

**Project Description:** The MSRC awarded the City \$73,930: \$15,000 to procure a heavy-duty near-zero emission vehicle; \$20,000 to procure two light-duty zero emission vehicles; and \$38,930 towards the installation of a publicly accessible EV charging station. The City has completed installation of the charging station and made it available for public use in December 2021; nothing has been paid to date on this contract.

Previous Requests: In August 2020, the City indicated that the COVID-19 pandemic had interfered with the ability of contractors to work. They requested a twelve-month term extension. This request was process administratively.

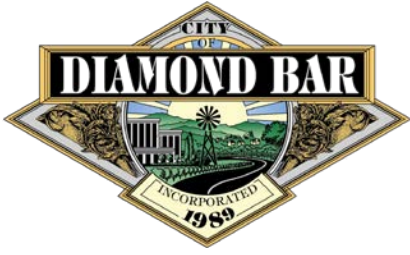
Contract Request: The City requests to eliminate the tasks and funding associated with the procurement of the heavy-duty near-zero emission vehicle. The \$15,000 will revert to the AB 2766 Discretionary Fund.

The City experienced significant delays associated with the contractor, Noodoe, selected to install the EV charging station. Ultimately, the City was able to resolve the issues with the contractor and the station was placed into public service in December 2021. Contract #ML18031 requires that the station remain operational for five years. Given the current termination date, a two-month extension would suffice to cover this requirement. While the City may need additional time to complete reporting and request reimbursement, these tasks can be completed while the station operational requirement is being fulfilled.

Lastly, the City indicates that the delays in the construction of the charging station impacted the procurement of the zero emission vehicles. This was due to a misunderstanding regarding the sequence in which tasks could be completed. The City interpreted the order that completion dates were listed for tasks in the Project Schedule to mean that they could not proceed with ordering the vehicles until they had completed the station. Contract #ML18031 requires that the light-duty vehicles be operated for three years. In order to include the light-duty vehicles in their upcoming budget and complete the procurement, the City requests a 12-month term extension.

The comparative completion dates in the contract for the vehicles and station were simply a reflection of the schedules which the City had included in their original application. Unless there is a clear statement to the contrary, completion deadlines in MSRC contracts do not preclude contractors from finishing tasks early. To the best of MSRC staff's knowledge, this is the first instance of this particular confusion occurring.

Recommendations: At a minimum, the MSRC Contracts Administrator recommends a two-month term extension to allow the City to fulfill the operational requirement for the EV charging station.



# City of Diamond Bar

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**Ruth M. Low**  
Mayor

**Andrew Chou**  
Mayor Pro Tem

**Stan Liu**  
Council Member

**Nancy A. Lyons**  
Council Member

**Steve Tye**  
Council Member

March 29, 2022

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

## Extension Request for MSRC Contract #MS18031

Mr. Mackenzie,

The City of Diamond Bar respectfully requests a time extension to the AB 2766 Discretionary Fund Contract No. MS1803 for an additional twelve (12) months. The contract was originally executed on September 7, 2018, for a period of eighty-six (86) months, including a three-year operational period. On July 20, 2021, the SCAQMD granted a modification of the terms due to Covid Impacts, the term of the existing contracts expires November 6, 2026.

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 24/7 for public use, located at City Hall.
- Procurement of two light-duty zero emissions vehicles.
- Procurement of one heavy-duty near zero emission vehicle.

The City of Diamond Bar experienced delays with the construction of the EV charging station. The initial bids for construction were reviewed in January 2021, and on May 28, 2021, the City selected Noodoe as the lowest responsive bidder. An early setback was experienced when Noodoe initially attempted to resign from the work, however through several meetings with the company and to remain within the terms of the original budget allocated for the construction, the City successfully negotiated with Noodoe who proceeded with the construction work. Despite the delays with the selected Contractor, the EV Charging Station was operational and opened for public use on December 15, 2021.

The City request the additional time in order to complete the Charging Station progress report and submit reimbursements according to the grant terms. Since the EV charging was put into operation in December 2021, the public use has been steadily increasing, tripling in use as of March 2022. Without the contract extension, the City may lose the ability to request reimbursement funds, equal to \$38,930, set aside for this project.

The City of Diamond Bar experienced delays with the construction of the EV station that also impacted the procurement of the zero emission vehicles. The original Project Schedule laid out a sequence of Tasks, beginning with the EV installation and ensuring successful opening for public use. The next Task was to procure the light-duty vehicles and place them into service. This task was interpreted to be in sequential order with the increments of progress identified in the original project schedule as follows:

**Attachment 1  
Statement of Work  
City of Diamond Bar  
Contract Number ML18031**

**8. Project Schedule**

CONTRACTOR shall comply with the increments of progress identified in the following chart. The completion month for each task is based on the date of Contract execution.

Task	Completion
Submit Public Outreach Plan	Month 10
Complete EV station design	Month 10
Complete EV station installation and enter into service	Month 15
Order vehicles	Month 19
Place vehicles into service	Month 23
Implement Public Outreach Plan	Month 25
Quarterly reports	Months 4, 7, 10, 13, 16, 19 and 22
Final Report	Month 26

With limited staff available for this project, there have been significant milestones met including the completion of the planning and research to identify the two light-duty zero emission vehicles. The City has identified two (2) electric vehicles that would replace two (2) higher polluting vehicles, with both being used as staff pool vehicles and would receive high usage.

The requested extension would allow the City to continue with the procurement of the two (2) light-duty zero emissions vehicles as part of this grant. Without the extension, the City would lose the funding, equal to \$20,000 and would have to revise the funding for the planned vehicle replacements. The procurement obligations as part of this grant has been included in the City's Fiscal Year 2022/2023 proposed Operating Budget, scheduled for Adoption by the City Council in June 2022.

In addition to the term extension, the City respectfully requests a downward adjustment to the Contract value in the amount of \$15,000, previously allocated for the purchase of a heavy-duty near zero emission vehicle.

Please confirm approval of the requested contract extension. Should you have any questions or concerns, please feel free to contact me at [dliu@diamondbarca.gov](mailto:dliu@diamondbarca.gov) or at 909.839.7041.

Sincerely,

A handwritten signature in black ink, appearing to read 'DLiu', with a stylized flourish at the end.

David G. Liu, P.E.  
Public Works Director/City Engineer

cc: Dan Fox, City Manager  
Ryan McLean, Assistant City Manager  
Jason Jacobson, Finance Director  
Hal Ghafari, Public Works Manager/Assistant City Engineer

Attachment: Noodoe Agreement

### Project Completion Status:

Project Element	Progress	Status
One (1) Level II type EV charging station dedicated 24/7 for Public use.	<ul style="list-style-type: none"> <li>Received bids on January 14, 2021</li> <li>Executed Agreement with Noodoe Inc. on May 28, 2021.</li> <li>Contractor completed construction in December 2021.</li> </ul>	<p>95% Complete</p> <p>Additional time is requested in order to submit a progress report and receipts for reimbursement.</p>
Procurement of two light-duty zero emissions vehicles.	<ul style="list-style-type: none"> <li>Electric Vehicles have been identified.</li> <li>With the additional time, procurement would be scheduled to coincide with the Fiscal Year 2022-2023 budget.</li> </ul>	<p>50% Completed</p> <p>Additional time is requested in order to procure the vehicles. This item will also require City Council approval.</p>
<del>Procurement of one heavy duty near zero emission vehicle.</del>	<ul style="list-style-type: none"> <li><del>Working to identify eligible vehicles.</del></li> </ul>	<p>Requesting to modify the scope and remove this project element.</p> <p><del>Additional time is requested in order to procure the vehicles. This item will also require City Council approval.</del></p>

AGENDA ITEM #7

Consider Substitute Recipient for \$1,660,000 Award to Nikola Energy, Inc. under the Hydrogen Infrastructure Partnership Program

MSRC-TAC Agenda Item No. 7

**DATE:** April 7, 2022

**FROM:** Cynthia Ravenstein

**SUBJECT:** Consider Substitute Recipient for \$1,660,000 Award to Nikola Energy, Inc. under the Hydrogen Infrastructure Partnership Program

**SYNOPSIS:** In October 2021, the MSRC approved a \$1,660,000 award to Nikola Energy, Inc. (Nikola) to install a publicly accessible hydrogen fueling station in Ontario, California. The station was to be installed on the property of Nikola's partner, Travel Centers of America (TA). After the award, clarification has been obtained that the fueling infrastructure would be actually be owned by a special purpose entity established by Nikola and TA: Nikola-TA HRS 1, LLC (a Delaware limited liability company).

**FINANCIAL IMPACT:** \$1,660,000 was previously awarded to Nikola. Nikola-TA HRS 1, LLC would substitute for Nikola; no new funds would be allocated.

**RECOMMENDATIONS:** In order to enhance accountability in administration of the project, it is recommended that the MSRC substitute Nikola-TA HRS 1, LLC as recipient of the award, in that they are the entity which will actually own the infrastructure. No other aspects of the project would be changed.

AGENDA ITEM #8

Consider Clarifications to Proposed Major Event Center Transportation Program  
Announcement

MSRC-TAC Agenda Item No. 8

<b>DATE:</b>	April 7, 2022
<b>FROM:</b>	Cynthia Ravenstein, MSRC Contracts Administrator
<b>SUBJECT:</b>	Consider Clarifications to Proposed Major Event Center Transportation Program Announcement
<b>SYNOPSIS:</b>	At their March 2022 meeting, the MSRC-TAC recommended approval of the proposed Program Announcement for the Major Event Center Transportation Program as part of the MSRC's FYs 2021-24 Work Program. Subsequent to the MSRC-TAC meeting, but prior to consideration by the MSRC, a need was identified for greater specificity of the enforcement mechanisms associated with the required two years or seasons of operation following the MSRC-funded seasons.
<b>FINANCIAL IMPACT:</b>	Financial impacts will vary depending upon the number of seasons of service a funding recipient supplies following the MSRC-funded seasons, and whether service is provided for a portion of a season. In the most extreme case, should a funding recipient fail to provide service for any portion of either of the required two seasons of operation following the MSRC-funded seasons, they would be responsible to pay back 50% of the funds previously reimbursed. These funds would revert to the AB 2766 Discretionary Fund.
<b>RECOMMENDATIONS:</b>	The MSRC-TAC Innovative Transportation Subcommittee has considered various options and recommends that funding recipients be obligated to pay back twenty-five percent (25%) of the funds previously reimbursed for each year or season of service not provided. Further details are set forth below.

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**BACKGROUND**

At their March 3, 2022 meeting, the MSRC-TAC considered a proposed draft Program Announcement (PA) for the Major Event Center Transportation Program. The PA would seek applications with the objective of transitioning the event center transportation provider to sustainable operations. The MSRC would fund a maximum of two event seasons, and the funding recipient would be obligated to continue providing event transportation service for a minimum of two event seasons beyond the MSRC funding period. The MSRC-TAC recommended approval of the proposed PA.

Subsequent to the MSRC-TAC meeting, but prior to MSRC consideration of the proposed PA, a need was identified for greater specificity of the enforcement mechanisms associated with the required two years or seasons of operation following the MSRC-funded seasons. It was deemed prudent to seek direction from the MSRC-TAC and the MSRC-TAC Innovative Transportation Subcommittee before bringing the proposed PA forward to the MSRC for approval.

### **OPTIONS CONSIDERED**

The Subcommittee considered three main points which were impacted by the required service beyond the MSRC-funded period:

1. When will the Final Report be due? A portion of reimbursement will be withheld until submission and approval of the Final Report. This helps to ensure timely report submittal. In previous iterations of the Major Event Center Transportation Program, this has generally been 5% and the Final Report has been required at the end of the MSRC-supported service. In the current case, there were questions as to whether continuing that practice would be the most beneficial approach. Options considered were:
  - A. Continue to require the Final Report at the end of the MSRC-funded service. This would minimize the financial burden on the service provider, as they would be able to receive their retention fairly quickly.
  - B. Require the Final Report at the end of all required service. This would offer the MSRC the opportunity to learn how well the transition to self-supporting operation went. The retention would be held for two years, however, and could be substantial on larger awards.
  - C. Require both Interim and Final Reports. 5% will initially be withheld from all reimbursements. Of this amount, \$25,000 or 5% of the total amount reimbursed, whichever is less, will be retained pending submission and approval of a Final Report covering both the MSRC-funded and additional two seasons of operation. The difference, if any—primarily this would occur on larger awards—will be released following submission and approval of the Interim Report covering the MSRC-funded season(s) of operation.

The Subcommittee recommends Option C above – requiring both Interim and Final Reports. They felt this provided the best balance of the MSRC’s informational needs with sensitivity to the financial burdens on the service provider.

2. How much payback will be required if out-year service is not performed? The MSRC has signaled their intention that there should be real consequences in the event the two out-years of service are not provided. Thus, there will be payback required in this situation. Options considered were:
  - A. Payback 25% of previously reimbursed funds per year of service not provided. This figure is based on the simple calculation of four years total service requirement, assuming two years of MSRC-supported service (most likely scenario). If service is provided for a portion of a year, payback could be pro-rated.

- B. 16.6% (1/6) payback per year. This figure takes into consideration that emission benefits diminish each year due to the greening of the light duty fleet.
- C. Calculated based on specific projected benefits. Could be problematic to calculate, and actual benefits may differ.

The Subcommittee recommends Option A above – requiring payback of 25% per year for service not performed. It's straightforward how this figure is derived, and it provides unambiguous consequences.

- 3. What if some out-year service is provided, but it differs significantly from the MSRC-funded service? MSRC staff have received questions from prospective applicants expressing concerns that they might find it necessary, for reasons outside their control, to make modifications to the service provided in the out-years. Would there be no provision for flexibility?

The Subcommittee considered that the inclusion of a payback provision does not negate the MSRC's ability to consider modification requests. Firstly, if specific differences in service were anticipated at the time of application submittal, these could be approved upon award and included in the contract. Alternatively, if, following the completion of the MSRC-funded service, circumstances changed and the award recipient deemed a change in service necessary for the following season(s), the service provider would have the opportunity to avail themselves of the regular MSRC process to request approval of the change.

## **RECOMMENDATIONS**

In summary, the MSRC-TAC Innovative Transportation Subcommittee recommends:

- 1. Require both Interim and Final Reports. Five percent (5%) will initially be withheld from all reimbursements. Of this amount, \$25,000 or 5% of the total amount reimbursed, whichever is less, will be retained pending submission and approval of a Final Report covering both the MSRC-funded and additional two seasons of operation. The difference, if any, will be released following submission and approval of the Interim Report covering the MSRC-funded season(s) of operation.
- 2. Payback 25% of previously reimbursed funds per year of service not provided.
- 3. No need to modify PA to address partial performance in out years – the regular MSRC contract modification request process applies.

## **FINANCIAL IMPACT**

Financial impacts will vary depending upon the number of seasons of service a funding recipient supplies following the MSRC-funded seasons, and whether service is provided for a portion of a season. In the most extreme case, should a funding recipient fail to provide service for any portion of either of the required two seasons of operation following the MSRC-funded seasons, they would be responsible to pay back 50% of the funds previously reimbursed. These funds would revert to the AB 2766 Discretionary Fund.



# **MAJOR EVENT CENTER TRANSPORTATION PROGRAMS**

**Funding for the Implementation of Zero & Near-Zero  
Emissions Transportation for Major Event Center Destinations  
in the South Coast Air Quality Management District**

## **2021 - 2024 Edition**

**Program Announcement**

**PA2022-00**

**~~April 1~~ May 6, 2022**

## SECTION 1 - INTRODUCTION

The Mobile Source Air Pollution Reduction Review Committee (MSRC) Major Event Center Transportation Program first debuted in 2010, and over the past twelve years the MSRC has co-funded numerous programs that provided convenient, low-cost transportation alternatives for accessing major sports and entertainment venues throughout the South Coast region. The purpose of this Program Announcement is to again offer event center transportation co-funding, but with an important caveat; the MSRC intends this offering to be the final funding under this Program.

A primary goal of Major Event Center Transportation Program remains the same: seek cost-effective opportunities to reduce a significant number of automobile trips and their associated air pollutant emissions by shifting attendees of major event center functions out of their personal automobile and onto zero and near-zero emission transportation alternatives. This final edition carries with it an additional but equally important objective – to successfully transition our long-time transportation partners to *ongoing, sustainable event center transportation*. This will ensure the MSRC's decade-long investment continues to pay dividends to the communities that bear the air pollution and traffic congestion burden, the oftentimes unrecognized byproducts of major entertainment venues.

The past decade has brought significant advancements in automotive technology. Low-emitting gasoline vehicles, hybrid electric vehicles, and a rapidly increasing number of zero-emission electric vehicles have resulted in an overall cleaner fleet of personal automobiles. As a result of this fleet modernization, the overall automobile fleet emissions in the South Coast region are about 77% lower than when the Event Center Program began in 2010. To ensure this final Event Center program achieves cost-effective air quality benefits, a primary focus of this funding opportunity is to align major event centers with operators of the cleanest vehicles, giving priority to those entities who commit to a zero-emission transportation option for event attendees.

The MSRC has allocated a total of \$3.0M in **Clean Transportation Funding™** for this Program. As discussed in subsequent sections of this Program Announcement, proposals will be accepted beginning on ~~April 1~~May 6, 2022, through ~~September 30~~October 28, 2022. This funding opportunity has at its core the following goals and objectives:

- ⇒ Partner with Major Event Center venues and transportation providers who have previously implemented - and successfully demonstrated - event center transportation services, and assist those partners in transitioning to ongoing, sustainable event center transportation. This includes the identification of funding sources or revenue to support future transportation services beyond this MSRC funding opportunity;
- ⇒ Seek out additional major event center venues located within the South Coast AQMD jurisdiction that experience high levels of traffic congestion during scheduled events and are not served by, or are insufficiently served by, regular public transit services;
- ⇒ Partner with transportation providers and event center venues to develop and implement new or expanded programs to attract patrons to transit services that are tailored to each venue's scheduled events;
- ⇒ Utilize the cleanest commercially available vehicles to implement event center transportation service, with a preference for zero-emission vehicles. At a minimum, event center transportation vehicles must be 90% lower emitting than the current heavy-duty emissions standards;

This final Event Center Transportation Program funding opportunity spans three fiscal years – FYs 2021/'22 through 2023/'24. As noted herein, applicants may propose transportation services for a maximum of two consecutive event seasons, **with an obligation to perform transportation service for an additional two (2) consecutive event seasons.**

While many of the features of the previous event center programs are retained in this funding opportunity, several major changes should be noted:

- ☆ All on-road transportation performing Event Center transportation services under this Program must be zero emission or near-zero emission. This means that the vehicle drive system must be certified by the California Air Resources Board (CARB) as a zero-emission vehicle or meet CARB's Optional Low-NOx Standard of 0.02 grams per brake horsepower – hour (g/bhp-hr).
- ☆ Applicants are eligible to propose a maximum of two (2) consecutive event “seasons”, wherein a “season” consists of multiple events or an event that spans multiple days.
- ☆ All events receiving MSRC **Clean Transportation Funding™** under this Program Announcement must be held no later than December 31, 2025.
- ☆ Event transportation for the mandatory two additional consecutive years or consecutive event seasons must be completed no later than December 31, 2027.

The following Sections describe the eligibility requirements to participate in the MSRC Major Event Center Transportation Services Program and guidelines for proposal preparation. It is important to recognize that the MSRC must ensure that the use of Clean Transportation funds will result in direct, tangible, and quantifiable air quality benefits. To this end, this Program Announcement stipulates specific performance thresholds and participation obligations that must be met in order to be deemed eligible for an MSRC funding award. Projects submitted for funding consideration will be scrutinized to ensure they meet the minimum eligibility requirements described herein.

MSRC staff members are available to answer questions and provide technical and programmatic guidance as appropriate. Please refer to Section 6 of this document for a list of MSRC Staff contacts.

**Available Funding** - The total amount of MSRC **Clean Transportation Funding™** allocated for the Major Event Center Transportation Program is \$3.0M. This funding level is a targeted amount – should meritorious projects be received totaling greater than \$3.0M, the MSRC reserves the right to increase the amount of total funding available.

Also, should the MSRC receive proposals with total requests less than the amount allocated, or if proposals are deemed non-meritorious, the MSRC reserves the right to reduce the total funding available and reallocate funds to other Work Program categories. The MSRC also reserves the right to not fund any of the proposals received, irrespective of the merits of the proposals submitted.

Please note that the source of MSRC **Clean Transportation Funding™** for projects submitted in response to this solicitation is motor vehicle registration fees collected by the California Department of Motor Vehicles (DMV) in accordance with the California Health and Safety Code. Thus, the availability of MSRC **Clean Transportation Funding™** is contingent upon the timely receipt of funds from the DMV. Neither the MSRC nor South Coast AQMD can guarantee the collection or remittance of registration fees by the DMV.

## SECTION 2 – ELIGIBILITY REQUIREMENTS

This Program Announcement seeks to facilitate the reduction of automobile trips and mitigate traffic congestion by shifting event attendees out of their personal automobiles and onto zero and near-zero emission transportation at major event centers that are not currently served by adequate, regularly scheduled transit or shuttle service prior to, during, and following the venue's events.

For the purpose of this Program Announcement, the following eligibility requirements apply:

- **Major Event Center** – a Major Event Center is defined as a publicly or privately-owned, publicly accessible venue located within the geographical jurisdiction of the South Coast Air Quality Management District that possesses the following attributes, at a minimum:
  - Occupancy capacity of at least 7,500 people;
  - Average event attendance of at least 5,000 people;
  - Dedicated parking lot or structure co-located with the event center.
- **Traffic Impacted Event** – A scheduled event held at a Major Event Center that results in recurrent traffic congestion prior to, during, or after the scheduled event whose impact on surrounding roadways, arterials, intersections, or freeways exceeds design capacity;
- **Transportation Provider** – includes but is not necessarily limited to a) public transit agencies, including regional and municipal transit agencies and authorities; b) private transit operators, including subcontractor service providers to public transit agencies; and c) paratransit providers and other licensed, private transportation and shuttle providers;
- **Qualifying Transportation Vehicles** – vehicles proposed for use in Event Center Transportation Services must conform to the following minimum requirements:

### **On-Road Bus and Shuttle Vehicles:**

- All on-road vehicles performing Event Center transportation services under this Program must be certified by the California Air Resources Board as zero-emission vehicles or be equipped with an engine that is certified at CARB's Optional Low-NOx emission standard of 0.02 g/bhp-hr;
  - Vehicle Seating Capacity – vehicles must have a minimum seated position capacity of twenty-two (22) occupants;
  - Vehicles must meet all Americans with Disabilities Act (ADA), US Department of Transportation (DOT), California Department of Motor Vehicles (DMV), and other applicable regulatory agency.
- **Transportation Deficient** – the Event Center must be Transportation Deficient. This is defined as an Event Center that is not served by regularly scheduled public transit or private shuttle service sufficient to entice patrons to attend the event using public transit rather than private automobile, or is served by public and/or private transportation services that are operating at maximum capacity. **Please note that this Program Announcement is NOT intended to subsidize ongoing public or private transportation services.**

The MSRC seeks the formation of *partnerships* between traffic-impacted, transportation-deficient major event centers and transportation providers who operate qualifying vehicles. The following Sections define who is eligible to submit a proposal to the MSRC, who is eligible to enter in to a contract for event center transportation services, and what transportation costs are eligible for reimbursement by the MSRC:

- ***Who can submit a proposal in response to this Program Announcement?*** Either a qualifying major event center, a qualifying transportation provider, or a County Transportation Commission may respond to this Program Announcement and submit a proposal for MSRC consideration. Proposals may also be submitted from a joint County Transportation Commission/event center/transportation provider partnership. Please note that the following conditions apply:
  - A proposal submitted by qualifying Major Event Centers must identify what Transportation Provider(s) will provide the event center service. The proposal must include a Memorandum of Understanding (MOU) or letter of support between the event center and transportation provider(s) stating their mutual intent to implement and operate event center transit service in accordance with Program requirements in the event the MSRC provides a funding award;
  - A proposal submitted by a qualifying Transportation Provider must identify which Major Event Center(s) will be served in the Program. The proposal must include an MOU or letter of support between the transportation provider and event center(s) stating their mutual intent to implement and operate event center transit service in accordance with Program requirements in the event the MSRC provides a funding award;
  - A proposal submitted by a County Transportation Commission must identify which Major Event Center(s) will be served in the Program and identify what Transportation Provider(s) will provide the event center service. The proposal must include an MOU or letter of support between the County Transportation Commission and transportation provider and/or event center(s) stating their mutual intent to implement and operate event center transit service in accordance with Program requirements in the event the MSRC provides a funding award;
  - A proposal submitted jointly by a County Transportation Commission in partnership with an event center and transportation provider(s) must also include an MOU or letter of support, as above.
- ***Who is eligible to receive an award of MSRC Clean Transportation Funding™ under this Program Announcement?*** While either a County Transportation Commission, major event center or qualifying transportation provider are eligible to submit a proposal, **only the qualifying transportation provider or County Transportation Commission is eligible to enter into a contract on behalf of the proposed event center transportation service partnership.** The rationale for this restriction is that *only transportation service costs (including transit program and traffic control costs) are eligible for reimbursement under this Program.* Thus, it makes sense that the service provider who incurs direct expenses in providing transportation services be the party to the contract that provides reimbursement. Please note that the MSRC does not enter into three-party agreements.

In summary, major event centers that meet the above eligibility requirements and transportation providers that meet qualifying requirements are eligible to participate in this MSRC Program. Both Event Centers and Transportation Providers are eligible to submit a proposal; however, each party must be identified by name in the proposal, accompanied by a MOU between the named participants. Only the transportation provider can be the MSRC funding recipient and contract signatory.

### SECTION 3 - PARTICIPATION GUIDELINES, CONDITIONS, & RESTRICTIONS

The following guidelines, requirements, and conditions have been established and apply to all Proposals:

1. **Program Scope** – The primary objective of this Program is to eliminate automobile trips, reduce automobile vehicle miles traveled (VMT), and reduce traffic congestion in the vicinity of a major event center prior to, during, and following an event, resulting in a reduction in air pollutant emissions. Automobile trip reduction and traffic congestion mitigation are achieved by shifting the travel mode of event attendees from their personal automobile and onto new or expanded zero or near-zero emission transportation service or dedicated zero/near-zero emission shuttle event center feeder service. MSRC Clean Transportation Funding™ is available to co-fund the cost of implementing new or expanded transportation programs. Only direct costs of transportation programs are eligible for reimbursement under this Program. Proposals submitted in response to this Program Announcement must include as named participants the major event center where new or expanded transit or shuttle service will be operated, as well as the transportation provider who will implement the event center transportation program.
2. **Geographical Funding Minimum** - The MSRC has established a Geographical Funding Minimum for each county within the SCAQMD. The geographical funding minimum amount has been set at \$250,000 per county. This funding set-aside guarantees a minimum level of funding for each county to implement Event Center Transportation projects. At the end of the application submittal period, ~~September 30~~ October 28, 2022, if any county has funds remaining in its geographical minimum, these funds will be made available to qualifying projects from any other county in order of receipt.
3. All events receiving MSRC Clean Transportation Funding™ under this Program Announcement must be held prior to December 31, 2025.
4. Applicants are eligible to propose a maximum of two (2) consecutive event “seasons”, wherein a “season” consists of multiple events or an event that spans multiple days. There is an obligation to perform event transportation services for an additional two consecutive event seasons at the completion of the MSRC-funded season(s). Note that the requirement to perform transportation service for two additional event seasons is irrespective of whether MSRC funding is requested for one or two event seasons under this Program Announcement.
5. In all cases, acceptance of an MSRC funding award and execution of a binding agreement obligates the funding recipient to implement two (2) additional consecutive event seasons at recipients’ expense, with transportation services fully implemented no later than December 31, 2027. Should the recipient not provide one or more of these additional seasons of service, they will be obligated to pay back twenty-five percent (25%) of the funds previously reimbursed for each season of service not provided. If service is provided for a portion of a season, payback could be pro-rated.

6. **Eligible Uses of MSRC Funds** – MSRC funds may be used to offset direct operating costs associated with event center transportation programs. These include transportation operations and traffic control costs as defined below:

- **Transportation Operations** – Direct costs associated with operations of event center transportation vehicle and/or rail operations subject to the requirements and conditions outlined in Section 2, Eligibility Requirements;
- **Event Center Traffic Control/Bus Priority** – Costs associated with providing traffic control to provide participating transportation vehicles event center ingress and egress priority may also be proposed as project co-funding. This includes, but is not necessarily limited to: special lane designation for transit vehicles, including cones, lane striping, etc.; traffic control personnel to direct traffic and grant participating vehicles faster entry and exit; designation of areas for drop off and pickup of event center patrons who utilize the transportation service, including directional signage, markings and placards, etc.

7. **Transportation Programs Advertising, Outreach, Marketing, and Promotion** – All event center transportation programs projects that receive an MSRC Clean Transportation Funding™ award must include advertising and promotion of the availability of the service as a project element. This is a mandatory component of any MSRC-funded event center transportation programs project. Advertising and promotion may include, but is not limited to:

- a) Radio, television, newspaper, or specialty publication advertisements;
- b) Print materials;
- c) Materials developed for incorporation into a website, electronic media, etc.;
- d) Transportation program kickoff events, ribbon cuttings, or news conferences, etc.

8. **Program Co-Funding Requirements** – Major event center projects funded by the MSRC are required to provide minimum project co-funding. Co-funding must be greater than or equal to 60% of the total project cost, i.e., a maximum of 40% of total project costs to be co-funded by the MSRC.

Eligible project co-funding includes the following:

- **Direct Cost Share** – Cash, direct labor, and equipment use contributions from the transportation provider may be accounted for as co-funding;
- **Fare box Revenue** – Fare box revenue collected to augment MSRC-funded transportation program may be documented and applied as co-funding;
- **Transportation Programs Outreach, Marketing, and Promotion** – Direct costs associated with advertising the availability of event center transportation programs may be applied as co-funding. Appropriate outreach may include, but is not limited to, radio, television, newspaper, or specialty publication advertisements, printed materials, materials developed for incorporation into a website, electronic media, transportation program kickoff events, ribbon cuttings, or news conferences, etc.

- **Event Center Traffic Control/Bus Priority** – Direct costs associated with providing traffic control to provide participating transportation vehicles event center ingress and egress priority may also be proposed as project co-funding.

9. **Funding Restrictions** – MSRC funds may only be applied to direct operating costs associated with event center transportation programs. These include transportation operations and traffic control costs only. MSRC funds cannot be used:

- To fund capital acquisition costs associated with transportation vehicle purchase;
- To recoup lost parking lot revenue.

10. **MSRC Funds Remitted on a Reimbursement Basis** - MSRC funds will be distributed on a reimbursement basis only upon completion of approved project milestones and submission of all required reports and invoices. Both an Interim and a Final Report will be required. Note that five percent (5%) will initially be withheld from all reimbursements. Of this amount, \$25,000 or 5% of the total amount reimbursed, whichever is less, will be retained pending submission and approval of a Final Report covering both the MSRC-funded and additional two seasons of operation. The difference, if any, will be released following submission and approval of the Interim Report covering the MSRC-funded season(s) of operation.

11. **Additional Conditions on MSRC Funding**

- MSRC projects are funded on a “site-specific” basis; that is, each project is evaluated with respect to the proposed event center’s unique location, traffic congestion, availability of other transportation options, etc. Thus, proposals that result in an award of MSRC funds are not allowed to change the event center venue under any circumstances. In the event the proposed venue becomes unavailable, nonviable, or no longer cost-effective, either contract negotiations will terminate or the contract will terminate, as applicable;
- All projects must include an advertising, marketing, and outreach component. Acceptable outreach strategies are described in the previous section;
- Conflict of Interest – Proposers must identify possible conflicts of interest with other clients affected by actions performed by the firm on behalf of the MSRC. Although the bidder will not be automatically disqualified by reason of work performed for such firms, the MSRC reserves the right to consider the nature and extent of such work in evaluating the proposal;
- Certifications – All Proposers must complete and submit the included Attachment G forms as an element of their Proposal (unless specifically exempted below):
  - Internal Revenue Service Form W-9 – Request for Taxpayer Identification Number and Certification, and Franchise Tax Board Form 590 – Withholding Exemption Certificate. If you are selected for an award, you cannot be established as a vendor without this information.
  - Campaign Contributions Disclosure. This information must be provided at the time of application in accordance with California law. You may be asked for an update when awards are considered.
  - Certification Regarding Debarment, Suspension and Other Responsibility Matters – The SCAQMD needs this information for their vendor database.

- Disadvantaged Business Certification. The SCAQMD needs this information for their vendor database. It will not be considered in the determination of your MSRC funding award. Governmental entities do not need to complete this form.
- Finally, in accordance with state law, all projects awarded MSRC **Clean Transportation Funding™** are subject to audit. The provisions of the audit are discussed in the Sample Contact, included as Section 9 of this Program Announcement. It is highly recommended that bidders employ government accepted accounting practices when administering their MSRC co-funded project.

#### SECTION 4 – PROGRAM ANNOUNCEMENT TIMETABLE

The MSRC understands that developing an event center transportation programs project is a complex undertaking. The MSRC also appreciates that events scheduled at a major venue are firm; thus, the MSRC Program is designed to afford potential proposers as much flexibility as possible to allow development of outstanding event center transportation projects.

Table 4-1 - Key Event Center Transportation Programs Program Dates

Program Event	Date
Program Announcement Release	<del>April 1</del> <u>May 6</u> , 2022
Application Submittal Period	<del>April 1</del> <u>May 6</u> , 2022 – <del>September 30</del> <u>October 28</u> , 2022
Latest Date/Time for Electronic Application Submittal	<del>September 30</del> <u>October 28</u> , 2022 @ 11:59 p.m.

#### SECTION 5 - PROPOSAL PREPARATION & SUBMITTAL INSTRUCTIONS

An Event Center Transportation Project Proposal must be completed and submitted for funding consideration under this Program. Proposals must be prepared and submitted in accordance with the instructions outlined below.

1. **Proposal Preparation** – The following information must be included in all Proposals seeking MSRC **Clean Transportation Funding™** under the Major Event Center Transportation Programs Program:
  - a) **Attachments A-G** - Proposals must include the following completed Attachments, including all required supporting documentation as requested. Proposal Templates and Instructions are included in Section 8 of this Program Announcement:
    - Attachment A: Proposer and Project Participant Information
    - Attachment B: Project Description
    - Attachment C: Project Cost Breakdown

- Attachment D: Project Implementation Schedule
- Attachment E: Memorandum of Understanding/letter of support between Event Center(s) and Transportation Services Provider(s) (as applicable)
- Attachment F: Transportation Service Ridership Estimates
- Attachment G: Certifications

2. **Electronic Application Submittal Process** – To reduce the need to photocopy, package, and physically submit paper applications, the Major Event Center Transportation Program requires that applications be submitted electronically in PDF format using the MSRC Website. We believe this benefits the applicant, the MSRC staff, and the environment.

The application that will be submitted as a **PDF document** is comprised of seven (7) primary sections – these correspond to the application Attachments A-G as described in the preceding section. Thus, a complete application will be comprised of the following elements:

1. Attachment A: Proposer and Project Participant Information
2. Attachment B: Project Description, including Service Continuation Plan to ensure sustainable, ongoing event center transportation operations
3. Attachment C: Project Cost Breakdown
4. Attachment D: Project Implementation Schedule
5. Attachment E: Memorandum of Understanding/letter of support between Event Center(s) and Transportation Services Provider(s) (as applicable)
6. Attachment F: Transportation Service Ridership Estimates
7. Attachment G: Certifications
  - a. Disadvantaged Business Certification Form
  - b. IRS Form W-9
  - c. California Form 590 Withholding Exemption Certificate
  - d. Certification Regarding Debarment, Suspension, and Other Responsibility Matters
  - e. Campaign Contribution Disclosure Form
  - f. Direct Deposit Authorization

These seven sections, including Attachment G certifications, are to be compiled into a **single PDF document** for submittal to the MSRC Clean Transportation Funding Website. **Please note that ONLY PDF format can be accepted. Microsoft Word documents cannot be accepted by the MSRC Website.** Applicants will need to register on the MSRC Clean Transportation Funding website.

***Please note that the latest date and time to apply is ~~SEPTEMBER 30~~OCTOBER 28, 2022 at 11:59 pm!***

3. **Addenda** – The Mobile Source Air Pollution Reduction Review Committee may modify the Program Announcement and/or issue supplementary information or guidelines relating to the Program Announcement during the Proposal preparation and acceptance period of ~~April 1~~May 6, 2022 to ~~September 30~~October 28, 2022~~1~~. Amendments will be posted on the MSRC website at [www.cleantransportationfunding.org](http://www.cleantransportationfunding.org).
4. **Proposal Modifications** - Once submitted, Proposals cannot be altered without the prior written consent of the Mobile Source Air Pollution Reduction Review Committee.
5. **Certificates of Insurance** - Upon notification of an MSRC funding award, a certificate(s) of insurance naming the South Coast Air Quality Management District (SCAQMD) as an additional insured will be required within forty-five (45) days. Entities that are self-insured will be required to provide proof of self-insurance prior to contract execution.

## SECTION 6 - IF YOU NEED HELP...

This Program Announcement can be obtained by accessing the MSRC web site at [www.cleantransportationfunding.org](http://www.cleantransportationfunding.org). MSRC staff members are available to answer questions during the Proposal acceptance period. In order to help expedite assistance, please direct your inquiries to the applicable staff person, as follows:

- For **General or Technical Assistance**, please contact:  
Ray Gorski  
MSRC Technical Advisor  
Phone: 909-396-2479  
E-mail: [Ray@CleanTransportationFunding.org](mailto:Ray@CleanTransportationFunding.org)
- For **Administrative Assistance**, please contact:  
Cynthia Ravenstein  
MSRC Contracts Administrator  
Phone: 909-396-3269  
E-mail: [Cynthia@CleanTransportationFunding.org](mailto:Cynthia@CleanTransportationFunding.org)
- For **Contractual Assistance**, please contact:  
Dean Hughbanks  
SCAQMD Procurement Manager  
Phone: 909-396-2808  
E-mail: [dhughbanks@aqmd.gov](mailto:dhughbanks@aqmd.gov)

## SECTION 7 - PROPOSAL EVALUATION AND APPROVAL PROCESS

MSRC staff members will screen proposals upon receipt to ensure compliance with all mandatory Program Announcement requirements. In the event a proposal is deemed noncompliant, MSRC Staff will notify the

proposer of the issues and corrective actions required. Note that a noncompliant proposal is not considered “received” and will not undergo further evaluation until all proposal deficiencies are remedied.

Proposals deemed compliant will be forwarded to an Evaluation Subcommittee comprised of members of the MSRC Technical Advisory Committee (MSRC-TAC). Proposals will be evaluated in order of receipt using criteria established by the MSRC; these criteria are listed below. Proposals will be recommended for funding based upon their conformance with the established criteria. It is possible that all funding allocated to this Program could be fully expended prior to the close of the proposal submittal period, ~~September 30~~October 28, 2022.

**Evaluation Criteria** – Proposals will be evaluated using a two-step process. The first step (Step 1) consists of a technical analysis to ensure that the project has a high probability of achieving a net air quality benefit. Only proposals that are determined to result in a net reduction in mobile source air pollution will undergo further evaluation (Step 2). MSRC Staff may request additional information from the project applicant to assist in this determination.

Step 2 continues the assessment of the merits of a proposed Event Center project. The specific criteria to be evaluated are outlined below. Each project will be assessed individually against the evaluation criteria. A maximum of 100 points is available – only projects that receive greater than 70 points will be considered for an MSRC funding award. Projects scoring less than 70 points will not be eligible for an MSRC funding award.

#### **EVALUATION STEP 1:**

POTENTIAL TO ACHIEVE QUANTIFIABLE AIR POLLUTANT REDUCTIONS - Each project will be analyzed to estimate its potential to achieve motor vehicle air pollution reductions, emphasizing reductions in oxides of nitrogen and particulate matter pollution. Factors to be evaluated include, but are not limited to:

- The types, quantity, emissions profile, and proposed utilization of the vehicles proposed to implement the event center transportation services;
- Event center transportation service ridership estimates based on previous documented event center project results, surveys or focus groups conducted to estimate potential transportation service utilization, etc.;
- The event center location, population density, and location relative to major arterial roadways and freeways;
- Availability of existing transportation options other than personal automobile;
- The number of events scheduled or planned for the event center during the proposed period of program; and
- The average venue attendance.

#### **EVALUATION STEP 2:**

1. SUCCESSFUL PARTICIPATION IN PAST EVENT CENTER TRANSPORTATION PROGRAMS (0 – 15 Points).
2. PROGRAM CONTINUATION PLAN (0 – 50 Points). As discussed, MSRC funding is not intended to serve as an ongoing funding source for event venues. Event Center project applicants are required

to develop a plan to demonstrate how the proposed service will continue beyond the MSRC funding period, including the sources of internal and external revenue that will be pursued to augment and ultimately replace MSRC funding. Projects that have a definitive plan for continuing transportation programs well beyond the MSRC funding period will be awarded a higher point allocation.

3. EVENT CENTER PROJECT COST-EFFECTIVENESS (0 – 20 Points). Cost-effectiveness is a measure of a proposed project's potential for reducing mobile source air pollution relative to the MSRC funding amount sought. This is typically presented in units of "dollars per pound of air pollution reduced". The results of Step 1 will be evaluated in the context of the MSRC funding request. Points will be awarded in accordance with the following cost-effectiveness (CE) matrix:

CE (\$/Lb.)	POINTS
< \$500/Lb.	25
\$500 - \$1,499/Lb.	20
\$1,500 - \$2,499/Lb.	15
\$2,500 - 3,499/Lb.	10
\$3,500 - \$4,499/Lb.	5
> \$4,500/Lb.	0

4. ZERO-EMISSION TRANSPORTATION BONUS (0 or 5 points). Applicants who utilize zero-emission vehicles to perform event center transportation are eligible to receive additional points. Applicants who commit to use zero-emission vehicles to perform a minimum of 25% of event center service trips will receive five (5) additional points. This commitment will be included in any subsequent MSRC funding agreement with the applicant.
5. NEXUS TO OTHER PUBLIC TRANSIT SERVICES (0 - 10 Points). MSRC experience over the past nine years has shown that event Center projects that are ultimately most successful have a high degree of connectivity with other existing public transit services. This criterion evaluates the probability of successfully integrating the proposed transportation program with other existing public transportation services, including connectivity with existing regional or municipal bus service, Metrolink, light rail, transit centers, etc. **Proposers should clearly outline the proposed Event Center transportation connectivity with other existing public transit services in their proposal.**

Proposals deemed meritorious by the MSRC-TAC will be forwarded to the MSRC for evaluation, review, and potential funding approval. Please note that the MSRC retains full discretion and authority as it pertains to a potential award of **Clean Transportation Funding™**. The decision to award funding, or not award funding, will be based on the proposed project's potential to achieve direct and tangible emission reductions. Thus, it is anticipated that not all projects submitted for funding consideration will receive an MSRC award.

## SECTION 8 - PROPOSAL ATTACHMENTS

### ATTACHMENT A: PROPOSAL CONTACT INFORMATION

A. Please provide the following Proposer information in the space provided (This is information about the entity submitting the proposal):

Business Name	
Division of:	
Subsidiary of:	
Website Address	
Type of Business Check One:	<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			
State		Zip	
Phone	(     )     -     Ext	Fax	(     )     -
Contact Name		Title	
E-mail Address			
Payment Name if Different			

B. Funding Request Summary:

MSRC Clean Transportation Funding™ Requested: \$ \_\_\_\_\_

Other Co-Funding Applied to Project: \$ \_\_\_\_\_

**Total Project Cost:** \$ \_\_\_\_\_

C. Please provide the following information about the Event Center in the space provided below:

Event Center Name	
Website Address	
Type of Venue	

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

D. Please provide the following information about the Transportation Service Provider in the space provided (If this information was provided in Section 8.A, simply type "See Above"):

Business Name	
Division of:	
Subsidiary of:	
Website Address	
Type of Business	

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

## ATTACHMENT B: PROJECT DESCRIPTION

1. **Event Center Description** - Please provide a detailed description of the major event center. At a minimum, provide the following information:
  - a) General Characteristics of the Event Center, including type of venue, facility physical size, occupancy capacity, parking lot capacity, etc.;
  - b) Average number of events held annually or during a full season of operation;
  - c) Average attendance at a regularly scheduled event; peak attendance at special events;
  - d) Traffic conditions in proximity to event center prior to, during, and following a regularly scheduled event. If possible, provide a statement from the City or County Traffic Engineering Department verifying that traffic volumes on adjacent roadways and intersections prior to and following a scheduled event exceed roadway and intersection capacity.
2. **Proposed Transportation Program Description** – Provide a detailed description of the proposed event center transportation program. This should include, at a minimum:
  - a) A description of the vehicles proposed to perform transportation services, including the make and model, model year, engine model and year, alternative fuel type if required, seating positions, and total capacity (seated and standing) for each vehicle proposed to be utilized in event center transportation services.
  - b) The estimated number of events for which transportation program will be implemented. Include event schedules, dates, etc. to the extent feasible.
  - c) A description of how the transportation program services will be conducted, including passenger pickup locations, passenger drop-off locations, anticipated headways, hours of operation, etc.
  - d) For circulator-type transportation services, please include a map of the vehicle route(s) that graphically illustrates vehicle routing, passenger pickup and drop-off locations, etc.
3. **Event Transportation Continuation Plan** – Please describe what efforts will be made by the event center/transportation provider partnership to identify and secure necessary resources to continue event center transportation program beyond the MSRC funding period. **IMPORTANT: This plan will comprise up to 50% of all points awarded under Section 7, Proposal Evaluation and Approval Process.**
4. **Connectivity with Other Public Transit Service** - Please discuss potential connectivity with other public transit services, including but not limited to potential connectivity with existing regional or municipal bus lines, Metrolink, light rail, transit centers, park and ride lots, etc.
5. **Advertising, Marketing, Outreach, and Promotion of Event Center Transportation Program** – Please describe the plan for conducting outreach and promotion of the availability of event center transportation programs. This may include, but is not limited to, radio, television, newspaper, or

specialty publication advertisements; other printed materials; materials developed for incorporation into a website, electronic media, etc., transportation program kickoff events, ribbon cuttings, or news conferences, etc. Please note that outreach and promotion is a mandatory element of any event center transportation program project funded by the MSRC and may be accounted for as an in-kind co-funding contribution.

#### **ATTACHMENT C: COST BREAKDOWN**

Please provide a detailed cost breakdown of the proposed project. Please note that MSRC **Clean Transportation Funding™** is intended to help offset the cost of transportation program, and cannot be applied to capital equipment purchases or used to offset lost parking facility revenues. The MSRC reserves the right to exclude cost elements deemed unallowable, as well as award funding in an amount less than the requested amount.

#### **ATTACHMENT D: PROJECT IMPLEMENTATION SCHEDULE**

Please provide a Milestone Schedule for your proposed event center transportation program project. This should include, at a minimum, the anticipated date event center transportation program will commence, as well as any additional information regarding scheduled events to be supported by transportation services.

#### **ATTACHMENT E: MEMORANDUM OF UNDERSTANDING/LETTER OF SUPPORT BETWEEN TRANSPORTATION SERVICE PROVIDER (PROPOSED CONTRACTOR) AND EVENT CENTER SITE**

For projects seeking MSRC **Clean Transportation Funding™** for implementation or expansion of an event center transportation program, a fully executed Memorandum of Understanding (MOU) or letter of support must be submitted as an element of the proposal package.

The MOU/Letter of Support must be provided at the time of Proposal Submittal and must contain the following essential elements, at a minimum:

- The parties to the MOU/Letter of Support, including the transportation service provider(s) and event center site owner or authorized representative;
- The term of the MOU/Letter of Support;
- The specific location of where transportation services will be provided;
- Anticipated dates of transportation service start of operation and completion;
- Executed signatures by individuals authorized on behalf of the parties to the MOU/Letter of Support.

If the proposal package contains a letter of support, an MOU may be required prior to execution of a contract.

#### **ATTACHMENT F: TRANSPORTATION PROGRAM RIDERSHIP ESTIMATES**

Please provide an estimate of the anticipated utilization of the event center transportation program if implemented as proposed. Please include any empirical information used to generate ridership estimates, including but not limited to survey results, focus group results, etc.

Please note that as a condition of funding award, the contractor will be required to survey, document, or otherwise quantify the patronage of the event center transportation program in order for the MSRC to quantify motor vehicle emission reductions achieved by the transportation program.

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## ATTACHMENT G: CERTIFICATIONS

### 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.

(a) 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.

\_\_\_\_\_  
**B. NAME**

\_\_\_\_\_  
**TITLE**

\_\_\_\_\_  
**C. 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.

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Form (Rev. October 2018) Department of the Treasury Internal Revenue Service	<h2 style="margin: 0;">Request for Taxpayer Identification Number and Certification</h2> <p style="margin: 5px 0;">▶ Go to <a href="http://www.irs.gov/FormW9">www.irs.gov/FormW9</a> for instructions and the latest information.</p>	<p><b>Give Form to the requester. Do not send to the IRS.</b></p>																																								
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.																																									
	<div style="display: flex; justify-content: space-between;"> <div> <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) ▶         </div> <div> <input type="checkbox"/> C Corporation    <input type="checkbox"/> S Corporation    <input type="checkbox"/> Partnership    <input type="checkbox"/> Trust/estate   <input type="checkbox"/> Other (see instructions) ▶         </div> </div> <p><small><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.</small></p>																																									
	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)																																										
<h3>Part I Taxpayer Identification Number (TIN)</h3> <p>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 <i>How to get a TIN</i>, later.</p> <p><b>Note:</b> If the account is in more than one name, see the instructions for line 1. Also see <i>What Name and Number To Give the Requester</i> for guidelines on whose number to enter.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="10" style="text-align: center;">Social security number</td> </tr> <tr> <td style="width: 25%;">[ ] [ ] [ ] [ ]</td> <td style="width: 5%;">-</td> <td style="width: 25%;">[ ] [ ] [ ] [ ]</td> <td style="width: 5%;">-</td> <td style="width: 40%;">[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]</td> </tr> <tr> <td colspan="10" style="text-align: center;">or</td> </tr> <tr> <td colspan="10" style="text-align: center;">Employer identification number</td> </tr> <tr> <td style="width: 25%;">[ ] [ ] [ ] [ ]</td> <td style="width: 5%;">-</td> <td style="width: 25%;">[ ] [ ] [ ] [ ]</td> <td style="width: 5%;">-</td> <td style="width: 40%;">[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]</td> </tr> </table>			Social security number										[ ] [ ] [ ] [ ]	-	[ ] [ ] [ ] [ ]	-	[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]	or										Employer identification number										[ ] [ ] [ ] [ ]	-	[ ] [ ] [ ] [ ]	-	[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]
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<h3>Part II Certification</h3> <p>Under penalties of perjury, I certify that:</p> <ol style="list-style-type: none"> <li>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</li> <li>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</li> <li>I am a U.S. citizen or other U.S. person (defined below); and</li> <li>The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.</li> </ol> <p><b>Certification Instructions.</b> 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.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; vertical-align: top;"> <b>Sign Here</b> </td> <td style="width: 60%;">         Signature of U.S. person ▶       </td> <td style="width: 25%;">         Date ▶       </td> </tr> </table>			<b>Sign Here</b>	Signature of U.S. person ▶	Date ▶																																					
<b>Sign Here</b>	Signature of U.S. person ▶	Date ▶																																								
<h3>General Instructions</h3> <p>Section references are to the Internal Revenue Code unless otherwise noted.</p> <p><b>Future developments.</b> For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to <a href="http://www.irs.gov/FormW9">www.irs.gov/FormW9</a>.</p> <h3>Purpose of Form</h3> <p>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:</p> <ul style="list-style-type: none"> <li>Form 1099-INT (Interest earned or paid)</li> <li>Form 1099-DIV (dividends, including those from stocks or mutual funds)</li> <li>Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)</li> <li>Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)</li> <li>Form 1099-S (proceeds from real estate transactions)</li> <li>Form 1099-K (merchant card and third party network transactions)</li> <li>Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)</li> <li>Form 1099-C (canceled debt)</li> <li>Form 1099-A (acquisition or abandonment of secured property)</li> </ul> <p>Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.</p> <p><i>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.</i></p>																																										

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)(i)

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), ABLE 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.

TAXABLE YEAR

CALIFORNIA FORM

## 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 MSRRRA.

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 MSRRRA requirements, get FTB Pub. 1032.

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.

#### 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

## 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.

## 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 F182  
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.

## **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.

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Typed Name & Title of Authorized Representative

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Signature of Authorized Representative Date

☐ I am unable to certify to the above statements. My explanation is attached.

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## 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 (SCAQMD) 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). Where a proposed rule or proposed amended rule impacts three or fewer facilities, those facilities will be treated in much the same manner as contracting parties and so must also complete this form, disclosing information relating to any campaign contributions made to any SCAQMD Board Members. *See Quadri Advice Letter (2002) A-02.096.1* In the event that a qualifying campaign contribution is made, the Board Member to whom it was made may be disqualified from participating in the actions involving that donor.

California law prohibits a party, or an agent, from making campaign contributions to SCAQMD 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 the SCAQMD; 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, SCAQMD 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 SCAQMD Governing Board Members can be found at the SCAQMD 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):** \_\_\_\_\_

<input type="checkbox"/> DBA, Name _____, County Filed in _____
<input type="checkbox"/> Corporation, ID No. _____
<input type="checkbox"/> LLC/LLP, ID No. _____

**List any parent, subsidiaries, or otherwise affiliated business entities of Contractor:**  
(See definition below).

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### **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

<sup>1</sup> The information provided on this form does not, and is not intended to, constitute legal advice. To the extent that you may have questions regarding any case law, citations, or legal interpretations provided above please seek the guidance of your own independent counsel.

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.



# South Coast Air Quality Management District

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

## Direct Deposit Authorization

### STEP 1: Please check all the appropriate boxes

- |  |  |
|--|--|
| <input type="checkbox"/> Individual (Employee, Governing Board Member) | <input type="checkbox"/> New Request           |
| <input type="checkbox"/> Vendor/Contractor                             | <input type="checkbox"/> Cancel Direct Deposit |
| <input type="checkbox"/> Changed Information                           |  |

### STEP 2: Payee Information

Last Name	First Name	Middle Initial	Title
Vendor/Contractor Business Name (if applicable)			
Address		Apartment or P.O. Box Number	
City	State	Zip	Country
Taxpayer ID Number	Telephone Number	Email Address	

### Authorization

- I authorize South Coast Air Quality Management District (South Coast AQMD) to direct deposit funds to my account in the financial institution as indicated below. I understand that the authorization may be rejected or discontinued by South Coast AQMD at any time. If any of the above information changes, I will promptly complete a new authorization agreement. If the direct deposit is not stopped before closing an account, funds payable to me will be returned to South Coast AQMD for distribution. This will delay my payment.
- This authorization remains in effect until South Coast AQMD receives written notification of changes or cancellation from you.
- I hereby release and hold harmless South Coast AQMD for any claims or liability to pay for any losses or costs related to insufficient fund transactions that result from failure within the Automated Clearing House network to correctly and timely deposit monies into my account.

### STEP 3:

You must verify that your bank is a member of an Automated Clearing House (ACH). Failure to do so could delay the processing of your payment. You must attach a voided check or have your bank complete the bank information and the account holder must sign below.

### To be Completed by your Bank

Staple Voided Check Here	Name of Bank/Institution		
	Account Holder Name(s)		
	<input type="checkbox"/> Saving <input type="checkbox"/> Checking	Account Number	Routing Number
	Bank Representative Printed Name	Bank Representative Signature	Date
	ACCOUNT HOLDER SIGNATURE:		Date

For South Coast AQMD Use Only

Input By \_\_\_\_\_

Date \_\_\_\_\_

AGENDA ITEM #9

Consider Program Opportunity Notice for Transformative Transportation  
Strategies & Mobility Solutions



# **“TRANSFORMATIVE TRANSPORTATION STRATEGIES & MOBILITY SOLUTIONS”**

A Program Opportunity Notice for the  
Implementation of Innovative Human Transportation &  
Mobility Programs in the South Coast Air District

PON2022-00

May 6, 2022

## SECTION 1: INTRODUCTION

For over 30 years, the Mobile Source Air Pollution Reduction Review Committee (MSRC) has sought to develop and demonstrate cutting-edge transportation demand management (TDM) and “smart mobility” programs that expand the boundaries of how we *alternatively* commute – striving for faster, cheaper, and *greener* transportation solutions. As an investor in clean mobility, collaboration with expert project partners is essential to achieve the MSRC’s goal of improving air quality by reducing motor vehicle pollution in the South Coast AQMD region.

This Program Opportunity Announcement (PON) is another Call to Action – to seek out innovative, and importantly, transformative transportation and mobility concepts that not only are effective in reducing air pollution and congestion, *but have staying power*.

This PON has ambitious goals, as it seeks concepts that are not only innovative, but have the potential to result in a transformative outcome – a paradigm shift in “the way it’s done”. For this to happen, the concept must be capable of being replicated on a broader scale throughout the South Coast region.

The following Sections amplify these goals and set forth the requirements and guidelines for submitting a response to this PON. MSRC staff is available to answer any questions – staff contacts for administrative and technical inquiries are included in Section 3 of this PON.

## SECTION 2: PROGRAM OPPORTUNITY NOTICE OVERVIEW

This PON seeks the submittal of conceptual projects that offer to demonstrate new and innovative transportation strategies above and beyond traditional transportation demand strategies. This PON is broad in scope, but has a clear focus on “people movement” as opposed to Goods Movement. As such, all project concepts must have a nexus to the transport of those who live, work, and play in the South Coast AQMD region.

Key objectives under this PON are as follows:

- MSRC funding acts as **Seed Money** – an initial investment to launch the innovative transportation strategy or program;
- A key objective is to achieve a **Transformative** Outcome – a permanent and sustainable change in human mobility;
- The innovative transportation strategy or concept is **Replicable** within the South Coast region, and;
- The process and results of the development and deployment of the transformative mobility strategy is well **Documented** to serve as a roadmap to others who wish to replicate the concept.

The total available funding under this PON is **\$3.0 million**. It is anticipated this PON will result in multiple MSRC funding awards.

The MSRC strives to achieve broad geographic participation across the South Coast region. To this end, the MSRC is establishing a geographic funding target of at least \$250,000 per county. This geographic funding minimum, however, is conditioned on the receipt of meritorious project concepts that achieve the MSRC's program objectives as outlined in this PON. The MSRC is not obligated to fund any projects in any county that, in the sole opinion of the MSRC, do not meet program objectives.

### SECTION 3: HOW TO PARTICIPATE

The Transformative Transportation Strategies PON is flexible in that the MSRC will accept responses ranging from a concept paper to a full proposal. Emphasis should be placed describing how the proposed mobility solution achieves the MSRC goals of a transformative outcome that is replicable within the South Coast region. Additionally, Section 4 of this PON lists additional criteria the MSRC will use to evaluate candidate concepts; and these can be used as further guidance when developing a response under this PON.

There are no restrictions as to who can submit a response under this PON; however, only entities deemed legal businesses, proprietorships, or agencies are eligible to receive a funding award.

The MSRC requests that responses submitted under this PON conform to the following guidelines:

1. Include the name of the individual or organization submitting under this PON, including but not limited to the e-mail address of the contact person(s) for technical and contractual matters;
2. A concisely - but thoroughly - written description of the innovative transportation strategy or concept proposed. This should include, but is not limited to:
  - A discussion of how the concept will result in a transformative and sustainable improvement in mobility and achieve long-term air pollution reduction benefits beyond the MSRC funding period;
  - The development status of the proposed transportation concept, i.e., at the conceptual stage requiring MSRC assistance to further refine the strategy prior to launch, or at the "shovel ready" stage in need of MSRC assistance to fund capital or operations. All stages of project development will be considered by the MSRC;
  - Identification of key project participants and stakeholders, and the status of forming essential partnerships;
  - The amount of funding requested from the MSRC, including the estimated total project cost, sources of match funding and other direct cost-sharing, and whether co-funding is secured or anticipated;

- A project schedule, including the timeframe for project implementation. Note that the MSRC does not have a specific timeframe or deadline for implementing innovative transportation demonstrations, but wants to understand project timing for planning purposes.

By using the less-restrictive PON process, the MSRC hopes to stimulate development of unique, creative ideas for transformative mobility improvement. The MSRC does have an expectation, however, that responses to this PON will convey sufficient detail so that a determination of a candidate concept's transformative potential, including likelihood for regional replication, can be evaluated. As such, the MSRC requests that respondents to this PON provide as much technical and programmatic information as is available to assist the MSRC in accurately evaluating a concept's benefit potential.

**The period to submit a response under this PON closes on August 5, 2022**, unless extended by the MSRC. Responses should be sent via e-mail to:

Cynthia Ravenstein  
MSRC Contracts Administrator  
[Cynthia@CleanTransportationFunding.org](mailto:Cynthia@CleanTransportationFunding.org)

If you have any questions regarding this PON, please direct inquiries to one of the following MSRC staff contacts:

- For General and Administrative Assistance, please contact:

Cynthia Ravenstein  
MSRC Contracts Administrator  
Phone: 909-396-3269  
E-mail: [Cynthia@CleanTransportationFunding.org](mailto:Cynthia@CleanTransportationFunding.org)

- For Technical Assistance, please contact:

Ray Gorski  
MSRC Technical Advisor  
Phone: 909-396-2479  
E-mail: [Ray@CleanTransportationFunding.org](mailto:Ray@CleanTransportationFunding.org)

#### SECTION 4: PROJECT REVIEW & FUNDING PROCESS

All responses to this PON will be reviewed by the MSRC's Innovative Transportation Subcommittee. Concepts will be evaluated on their merits relative to the following criteria:

1. The perceived likelihood the proposed concept to result in a transformative mobility improvement with long term air pollution reduction benefits;

2. Project development status – although concepts will be accepted that are still in a formative stage, the MSRC will differentiate between an “interesting idea” as compared to a transportation concept that has undergone more thorough research and development;
3. The formation status of project-enabling partnerships, i.e., whether all the pieces are in place or if necessary relationships are yet to be established;
4. Potential for project replication in the South Coast region – innovative transportation projects that are perceived to have applicability to multiple jurisdictions will be deemed more favorable; and
5. Co-funding contribution level – the extent to which an MSRC investment will be leveraged through contributions from other sources.

Additionally, the MSRC would like to understand how the demonstration of an innovative transportation strategy could potentially benefit disadvantaged communities (DAC) or areas that suffer disproportionately from air pollution. Responses to this PON should discuss if there is a possibility the project could be demonstrated within a designated DAC and/or how the mobility concept could benefit those most acutely impacted by air pollution as implementation progresses beyond the MSRC funding period.

Submittal of a response to this PON will result in one of the following three outcomes:

- A request by the MSRC for the submittal of a full proposal with detailed analysis of the project’s immediate as well as long term regional impact for possible sole-source funding consideration;
- Notification that a detailed Request for Proposals (RFP) will be issued at a later date;
- Notification that the proposed concept has been declined from further consideration.

Innovative transportation projects selected for MSRC funding will be required to enter into a binding agreement with the South Coast AQMD on behalf of the MSRC. This agreement will be the result of a negotiation between the MSRC, South Coast AQMD, and the project lead entity. In all cases, projects must be approved by the MSRC and South Coast AQMD Governing Board prior to the execution of an agreement or disbursement of MSRC funds.

AGENDA ITEM #10

2022-23 Clean Fuels/Clean Technologies Conference Calendar

## Clean Fuels and Clean Technologies Conference Calendar for 2022 – 2023

### April 2022

- Apr 5-7      Future of Electric & Hybrid Vehicles Conference, Detroit, MI., Website:  
<https://batterytechnologyusa.com/>
- Apr 6-7      Freight and Environment: Ports of Entry, Oakland, CA., Website:  
[https://www.awma.org/ev\\_calendar\\_day.asp?date=2022-04-07&eventid=218](https://www.awma.org/ev_calendar_day.asp?date=2022-04-07&eventid=218)
- Apr 26-27      Battery & Electrification Summit, Live Online, Website:**  
<https://www.sae.org/attend/battery-electrification-summit>
- Apr 26-28      Canadian Hydrogen Convention, Edmonton, Canada, Website:  
[Canadian Hydrogen Convention \(hydrogenexpo.com\)](https://hydrogenexpo.com)

### May 2022

- May 3-4      Electric Vehicle Charging Infrastructure Conference, Online, Website:**  
<https://www.sae.org/attend/electric-vehicle-charging-infrastructure-conference>
- May 9-12      ACT Expo, Long Beach, CA., Website:  
[Advanced Clean Transportation \(ACT\) Expo | May 9-12, 2022 \(actexpo.com\)](https://actexpo.com)
- May 11-13      Air Sensors International Conference, Pasadena, CA., Website:  
<https://asic.aqrc.ucdavis.edu/>
- May 17-19      Center for Advancing Research in Transportation Emissions, Energy & Health (CARTEEH) Transportation Air Quality and Health Symposium, Riverside, CA., Website:  
<https://events.tti.tamu.edu/conference/2021-carteeh-symposium/>
- May 31-June 3      International Conference on Transportation & Development, Seattle, WA., Website:  
[Home | ASCE International Conference on Transportation & Development \(asce-ictd.org\)](https://asce-ictd.org)

### June 2022

- June 14-15      Hydrogen Technology Expo North America, Houston, TX., Website:**  
[- Hydrogen Technology Expo North America 2022 - Hydrogen Technology Expo North America 2022 \(hydrogen-expo.com\)](https://hydrogen-expo.com)
- June 27-29      Sensors Expo & Conference, San Jose, CA., Website:  
[Sensors Expo & Conference 2022\(San Jose CA\) - The only event in North America 100% dedicated to sensing technologies and systems -- showsbee.com](https://showsbee.com)
- June 27-30      Air and Waste Management Conference, San Francisco, CA., Website:  
[A&WMA ACE 2022\(San Francisco CA\) - 115th Air & Waste Management Association Annual Conference & Exhibition -- showsbee.com](https://showsbee.com)
- June 28-30      Electrification 2022-International Conference-Building a Net Zero Future for All, Charlotte, NC., Website:** [Home - E2022 \(electrification2022.com\)](https://electrification2022.com)

August 2022

**Aug 16-18**     **Green Transportation Summit & Expo-Accelerate to Zero, Tacoma, WA., Website:**  
[Green Transportation Summit & Expo | GTSE \(gtsummitexpo.com\)](https://www.gtsummitexpo.com/)

**Aug 22-25**     **National Ambient Air Monitoring Conference, Pittsburgh, PA., Website:**  
[2022 National Ambient Air Monitoring Conference | US EPA](https://www.epa.gov/naamc/2022-national-ambient-air-monitoring-conference)

September 2022

**Sept 13-15**     The Battery Show and Advanced Battery and Electric Vehicle Technology Expo., Novi, MI., Website: <https://www.evtechexpo.com/en/home.html>

**Sept 13-15**     **Electric & Hybrid Vehicle Technology Expo, Detroit, MI., Website:**  
[Electric & Hybrid Vehicle Technology Expo 2022\(Detroit MI\) - The manufacturing event for electric and hybrid vehicle technology and innovation -- showsbee.com](https://www.showsbee.com/shows/ehvte2022)

**Sept 14-25**     North American International Auto Show, Detroit, MI., Website:  
[North American International Auto Show | North American International Auto Show \(naias.com\)](https://www.naias.com/)

**Sept 19-22**     Hydrogen + Fuel Cells International, Los Angeles, CA., Website:  
<https://www.solarpowerinternational.com/news/hydrogen-fuel-cells-north-america-at-spi-2018/>

**Sept 23-Oct 2**     National Drive Week, Website:  
[National Drive Electric Week](https://www.nationaldriveelectricweek.com/)

October 2022

**Oct 5**            **5<sup>th</sup> Annual California Clean Air Day, Website:** [Home - California Clean Air Day](https://www.california.gov/clean-air)

**Oct 5-7**         **Charge Expo-EV, Fleet, Charging, Battery, Tacoma, WA., Website:**  
[https://chargeexpo.com](https://chargeexpo.com/)

**Oct 17-19**     The Motion and Power Technology Expo, Detroit, MI., Website:  
<https://exhpo.com/int/motion-power-expo/>

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

Last updated 3/9/2022 **(Items in bold were recently added).**