



Air Resources Board



Matthew Rodriguez
Secretary for
Environmental Protection

Mary D. Nichols, Chairman
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Edmund G. Brown Jr.
Governor

June 2, 2015

Mail-Out # MSC 15-15

TO: All Interested Parties

SUBJECT: FIRST WORKGROUP MEETING FOR REQUEST FOR PROPOSAL
(RFP) FOR IN-USE HEAVY-DUTY VEHICLE/EQUIPMENT DATA
MONITORING, COLLECTION, AND ANALYSIS CONTRACT

The Air Resources Board (ARB or Board) invites you to participate in the first workgroup meeting for RFP of the project data monitoring, collection, and analysis contract for the Air Quality Improvement Program (AQIP) and the Low Carbon Transportation Greenhouse Gas Reduction Fund (GGRF) Investments. The scope of work for this contract will cover data monitoring, collection, and analysis of the projects in the categories described below funded under the grant from Fiscal Year (FY) 2014-15.

The meeting will be held at the following time and place:

Date: Thursday, June 11, 2015
Time: 11 a.m. to 1:30 p.m. (PDT)
Place: Cal/EPA Headquarters Building
Coastal Auditorium
1001 I Street
Sacramento, California 95814

The agenda and staff presentation material will be posted prior to the workgroup meeting on ARB's website at <http://www.arb.ca.gov/msprog/aqip/aqip.htm>.

This meeting is webcast and can be watched at:
<http://www.calepa.ca.gov/broadcast/?BDO=1>

Objective

This kick-off workgroup meeting is to discuss the scope of work and the timeline for the project data monitoring, collection, and analysis contract for the projects funded under

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website: <http://www.arb.ca.gov>.

California Environmental Protection Agency

AQIP and Low Carbon Transportation Investments for FY 2014-15. Staff will discuss the following items:

- Scope of work
 - General project management requirements
 - Type of data from different project categories
 - Sampling requirements
 - Comparing advanced technology vehicles with baseline vehicles
 - Evaluation and projections on technology readiness
- RFP timeframe and process
- Data collection requirements for the Contractor and the fleet operators
- Scoring criteria

Overview

In June 2014, ARB approved the FY 2014-15 Funding Plan for the AQIP and Low Carbon Transportation GGRF Investments, providing up to \$25 million for Heavy-Duty Pilot Projects, and up to \$50 million for Advanced Technology Freight Demonstration Projects.

ARB will release the following three grant proposal solicitations for Heavy-Duty Pilot Projects and Advanced Technology Freight Demonstration Projects:

- **Zero-Emission Truck and Bus Pilot Projects in Disadvantaged Communities**

The pilot projects would operate within a concentrated, well-defined geographic area where commercial zero-emission vehicles, charging or refueling stations, energy storage devices, communications systems and support networks allow fleets to optimize the use of zero-emission vehicles. These pilot projects may include zero-emission transit buses, zero-emission school buses, zero-emission freight/delivery trucks, and infrastructure.
- **Zero-Emission Drayage Trucks**

Projects funded under this category should field a large enough fleet of trucks during the demonstration to help transition technologies from the demonstration to the commercialization stage. Potential projects in this category will be required to completely eliminate tailpipe emissions of greenhouse gases, criteria pollutants, and toxic particulate matter emissions. Potential projects will also need to show strong commercialization prospects with the potential to transform the drayage truck industry toward zero-emission technologies.

- **Multi-Source Facility Projects**

This category will facilitate the demonstration of multiple types of equipment that employ advanced emission reducing or eliminating technologies to synergistically demonstrate the practicality and economic viability of wide-spread adoption of advanced technology for various sources at one facility. Multiple projects in this category could be funded concurrently so that technologies are demonstrated at multiple facilities throughout the State. Potential projects in this category could include zero- and near zero-emission yard and regional haul trucks, advanced transportation refrigeration units, and other equipment used in distribution centers, warehouses, ports and rail yards. Additionally, fueling/charging infrastructure to facilitate the successful demonstration of technologies and logistics/operations efficiency improvements would be considered.

Project data monitoring, collection, and analysis contract

The scope of work for this contract will cover data monitoring, collection, and analysis of the projects in the categories described above funded under the grant from FY2014-15. The scope of work will require the contractor to collect and monitor vehicle and facility data, if applicable, such as vehicle/equipment specification, performance, operating and maintenance (O&M) data for vehicles and facilities, and capital and O&M costs for vehicles and facilities. In addition to data collection and monitoring, the contractor is required to analyze the data, to compare the data of the advanced technology vehicles

with the data of baseline vehicles, and to make recommendations and projections on technology readiness for commercialization. This is an open, competitive bidding process. A bidder's conference or call is expected to be held during the RFP timeframe.

Special Accommodations

If you require a special accommodation please visit <http://www.arb.ca.gov/htmellada/ada.htm> for assistance, or contact the Americans with Disabilities Coordinator at (916) 323-4916 no later than 10 business days before the meeting. If you need assistance in a language other than English, please contact the Bilingual Coordinator at (916) 324-5049 no later than 10 business days before the meeting.

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If you have questions regarding this workgroup meeting please contact
Dr. Jennifer Lee, Air Pollution Specialist, at (916) 322-0592 or
Jennifer.Lee@arb.ca.gov.

Sincerely,

/s/

Erik White, Chief
Mobile Source Control Division

cc: Dr. Jennifer Lee
Air Pollution Specialist
Mobile Source Control Division