

**Second 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 second workgroup meeting for Request for Proposal (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 Heavy-Duty Pilot Projects and the Advanced Technology Freight Demonstration Projects funded under the grant from Fiscal Year (FY) 2014-15.

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

Date: Friday, August 28, 2015
Time: 10:30 a.m. to 12:30 p.m. (PDT)
Place: Cal/EPA Headquarters Building
Byron Sher 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 will be recorded and will be webcast at:
<http://www.calepa.ca.gov/broadcast/?BDO=1>

Objective

This is the second workgroup meeting to continue the discussion of the scope of work and the timeline for the project data monitoring, collection, and analysis contract for the projects funded under AQIP and Low Carbon Transportation GGRF Investments for FY 2014-15. Staff plans to discuss the following items:

- Purpose of the contract
- Data contractor's responsibilities
- Major areas of work
- Major data categories and requirements
- Conflict of interest
- Timeline

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 released two grant proposal solicitations for Advanced Technology Freight Demonstration Projects, including Zero emission Drayage Trucks and Multi-Source Facility Projects, on June 23, 2015, and will release a proposal solicitation for Zero Emission Truck and Bus Pilot Commercial Deployment Projects in fall 2015. A brief description of each project is as follows:

- **Zero Emission Drayage Truck Demonstration Project**
This project will field a large enough fleet of trucks during the demonstration to help transition technologies from the demonstration to the commercialization stage. The project(s) in this category will be required to completely eliminate tailpipe emissions of greenhouse gases, criteria pollutants, and toxic particulate matter emissions for all or a significant portion of their duty cycle (and when operating in specified locations). The project(s) will also be expected to show strong commercialization prospects with the potential to transform the drayage truck industry toward zero emission technologies. Additionally, fueling/charging infrastructure to facilitate the demonstration project will also be considered.
- **Multi-Source Facility Demonstration Project**
This project will demonstrate multiple types of equipment employing zero- or near zero emission technologies at a single facility. The project is expected to demonstrate the practicality and economic viability of wide-spread adoption of advanced technologies for various sources in synergistic operation. 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 off-road equipment used in freight support facilities, such as distribution centers, warehouses, ports, and intermodal rail yards. As above, fueling/charging infrastructure to facilitate the successful demonstration of technologies and logistics/operations efficiency improvements will be considered.
- **Zero Emission Truck and Bus Pilot Commercial Deployment Projects**
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- and near-zero emission transit and shuttle buses, zero emission school buses, zero emission freight/delivery trucks, and fueling/charging infrastructure.

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 FY 2014-15. 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 evaluate and to project the technology readiness for commercialization. This is an open, competitive bidding process. A bidder's conference is expected to be held during the RFP timeframe.

Special Accommodations

If you require a special accommodation please visit <http://www.arb.ca.gov/html/ada/ada.htm> for assistance, or contact the Americans with Disabilities Coordinator at (916) 323-4916, no later than ten 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 ten business days before the meeting.

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.

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August 28, 2015
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Location

CalEPA Building, Byron Sher Auditorium, 2nd Floor
1001 I Street
Sacramento, California 95814

If attending the meeting in person, please check-in at the 1st floor Visitor's Center upon arrival. Air Resources Board staff will be available to direct you to the meeting room.

Webcast

This meeting will be recorded and is webcast at:
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AGENDA

1. Introduction
2. Staff Presentation
 - Project background
 - Purpose of the contract
 - Data contractor's responsibilities
 - Major areas of work
 - Major data categories and requirements
 - Conflict of interest
 - Timeline
3. Q & A Session
4. Next Steps