

# Prop 1B Goods Movement Emission Reduction Program

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Bay Area Air Quality Management District, Bay Area

FY:2012-2013

Funding Category: Heavy Duty Diesel Trucks

Application Status: Submitted

## Bay Area Air Quality Management District

<p><b>Bay Area Air Quality Management District</b>  <b>939 Ellis Street</b>  <b>San Francisco CA 94109</b>  <b>Tel: 415-749-5000</b>  <b>Fax: 415-928-8560</b></p>	<p>Fed Tax ID: 94-1622746                  State Tax ID: 749-0009-3                  Governing Board: Yes                  Agency Type: Air District                  Agency Service Population: 7,300,000</p>
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### Contact Information

Contact	Name	Phone	Email
Executive Officer	Jack Broadbent	415-749-5052	jbroadbent@baaqmd.gov
Other	Damian Breen	415-749-5041	dbreen@baaqmd.gov
Marketing Lead	Lisa Fasano	415-749-5070	lfasano@baaqmd.gov
Other	Jeff McKay	415-749-4629	jmckay@baaqmd.gov
Heavy Duty Diesel Trucks	Tina McRee	415-749-4701	tmcree@baaqmd.gov
Locomotives and Rail Yards	Tina McRee	415-749-4701	tmcree@baaqmd.gov
Commercial Harbor Craft	Tina McRee	415-749-4701	tmcree@baaqmd.gov
Ships at Berth & Cargo Handling Equipment	Tina McRee	415-749-4701	tmcree@baaqmd.gov

## Heavy Duty Diesel Trucks Project Details

**Bond funding Requested for Funding Category**

**Number of Equipment Projects**

\$36,214,286

905

### Information used to estimate emission reductions

**PM multiplier: 0.002273 lbs/\$**

**NOx multiplier: 0.0805 lbs/\$**

### Replacement truck:

- Annual CA VMT: 41,500 miles for old or new truck (Average program mileage for YR2 non-drayage truck projects)
- Half of the truck population- \$45,000 Class 8 (Average of \$40,000 and \$50,000 project options)
- Half of the truck population- \$35,000 Class 7
- Average Bond funding amount for one equipment project- \$40,000 (average of \$45,000 and \$35,000)
- All projects are Class 7 or 8 and will follow the Phase-in Option (last 10% of fleet will need PM filters by 2016, allowing the Program to claim 1 year of early/extra PM reductions and 5 years of NOx reductions).
- Minimal Class 6 participation (Up to 5 years of PM reductions and NOx reductions).
- Minimal participation from applicants following the Engine Model Year Schedule (0 years of PM reductions).

### Old truck:

- Old truck - MY 2001

Data source: Emission Benefits (based on assumptions above) -- Used calculator/ EMFAC 2011 emission factors for trucks

### Local Agency Comments

Provide additional comments or details. (optional)

**Bond Funding**

Equipment Project Funds Requested (based on Project Details)	\$36,214,286
Maximum Administrative Funds \$	\$ 1,810,714
Administrative Funds Requested \$	\$1,810,714
Administrative Funds Requested (as a percentage)	5.00%
Total Program Funds Requested	\$38,025,000
Estimated Total Project Cost for Funding Category	\$72,428,572

**Match Funding Summary Table**

<b>Funding Type</b>	<b>Fund Source</b>	<b>Amount</b>	<b>Available</b>
Private	Private funding from equipment owners	\$36,214,286	June 2013

**Funding Summary**

Total Match Funding	\$36,214,286
Total Project Funding	\$36,214,286

**Local Agency Comments**

Provide additional comments or details. (optional)

<b>Emission Benefits</b>	
Estimated PM Reductions	<b>82,315 lbs</b>
Estimated NOx Reductions	<b>2,915,250 lbs</b>
Sum of Weighted Emission Reductions	<b>4,561,551 lbs</b>
Total Program Bond Funding Requested	<b>\$38,025,000</b>
Benefits per State Dollar Invested	<b>0.12 lbs/\$</b>

**Local Agency Comments**

Provide additional comments or details. (optional)

### Implementation Schedule

Equipment Project Marketing/Outreach and Solicitation	7 weeks
Review of Equipment Project Applications	17 weeks
Competitive Ranking and Selection of Equipment Projects	2 weeks
Equipment Owner Notification Period	1 week
Equipment Project Pre-Inspection Period	14 weeks
Execution of Equipment Project Contracts	10 weeks
Equipment Project Post-Inspection	17 weeks

### Local Agency Comments

Provide additional comments or details. (optional)

## Goods Movement Emission Reduction Program Application

As stated in the notice of funding availability, local agency applications must be submitted electronically and in hard copy to be considered eligible for Proposition 1B: Goods Movement Emission Reduction Program Bond funds no later than 5:00 PM on **March 15, 2013**. Additionally, hard copy applications must also be received no later than this date. Modification or changes to application information after the application submittal deadline shall only be allowed on a case-by-case basis and at the discretion of ARB staff

### Assistance

For assistance in filling out this local agency application, please:

- E-mail your questions to [gmbond@arb.ca.gov](mailto:gmbond@arb.ca.gov) . In the subject line, write "Local agency application question", and in the body of the e-mail identify the:
  - Complete local agency name;
  - Fiscal year(s) of funds for which you are applying;
  - Trade corridor and funding category identified; and
  - Your question.
- Call the Goods Movement Information Line at (916) 44-GOODS (444-6637) during normal business hours (8:00AM to 5:00PM).

### Electronically Submitting Local Agency Application to ARB

#### Proposal narrative:

- Attach all required proposal narrative document(s) and your local agency board's/commission's resolution in the box below.

#### Attachment(s)

[GMP Yr 4 -Truck Application.pdf](#)

[Attachment A - BAAQMD 2012 Final Audit Report.pdf](#)

[Attachment A - BAAQMD 2012 Final Single Audit Report.pdf](#)

[Attachment B - Draft BAAQMD Board Resolution.pdf](#)

[Cover letter \(3-12-13\).1.pdf](#)

[BAAQMD pre-application community meeting \(3-11-13\).1.pdf](#)

Before electronically submitting your proposal narrative and the on-line data portion:

- Review your application for correctness and content prior to electronically submitting the application. Once these documents are electronically submitted, further changes cannot be made to the document.
- Press the Print Signature & Title Page button below to view/print a PDF of the signature page.
- Press the "Print Application" button below to print all information submitted in the project details , funding, emission benefits, and project schedule sections of this on-line database.
- You must first submit your application electronically to remove the "DRAFT" watermark from the title page for the finalized application that is to be printed and delivered to the Air Resources Board.

**Please note: All attachment(s) must be printed individually.**

### **Submittal of hard copy information**

In addition to electronically submitting all application documents to the Prop. 1B Goods Movement Emission Reduction Program, the local agency shall also submit two (2) hard copies of the application including all necessary attachments such as approved resolutions and letters of authorization, with original signature by an authorized representative by 5:00 PM on **March 15, 2013**.

- Two hard copies of this application and all necessary attachments and approved resolutions with the appropriate signatures must be delivered to:

Goods Movement Emission Reduction Program:

Stationary Source Division

California Air Resources Board

If Standard U.S. Mail: P.O. Box 2815, Sacramento, CA 95812

If Other Delivery Services: 1001 I Street, Sacramento, CA 95814