

# Prop 1B Goods Movement Emission Reduction Program

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Bay Area Air Quality Management District, Bay Area

FY:2015-2016

Funding Category: Ships at Berth & Cargo Handling Equipment

Application Status: Submitted

## Bay Area Air Quality Management District

**Bay Area Air Quality Management District**

**939 Ellis Street**

**San Francisco CA 94109**

**Tel: 415-749-5000**

**Fax: 415-928-8560**

Fed Tax ID: 94-1622746

State Tax ID: 749-0009-3

Governing Board: Yes

Agency Type: Air District

Agency Service Population: 7,200,000

## Contact Information

Contact	Name	Phone	Email
Executive Officer	Jack Broadbent	415-749-5052	jbroadbent@baaqmd.gov
Other	Jeff McKay	415-749-4629	jmckay@baaqmd.gov
Other	Anthony Fournier	415-749-4961	afournier@baaqmd.gov
Other	Damian Breen	415-749-5041	dbreen@baaqmd.gov
Ships at Berth & Cargo Handling Equipment	Tina McRee	415-749-4701	tmcree@baaqmd.gov
Locomotives and Rail Yards	Tina McRee	415-749-4701	tmcree@baaqmd.gov
Heavy Duty Diesel Trucks	Tina McRee	415-749-4701	tmcree@baaqmd.gov
Transport Refrigeration Units	Tina McRee	415-749-4701	tmcree@baaqmd.gov

## Shore Power Project Details

Enter the total bond funding you are requesting for this Funding Category. Do not include administrative funding in this amount.

**Bond funding Requested for Funding Category**

\$4,854,369

**Number of Equipment Projects**

4

### Information used to estimate emission reductions

**PM Multiplier: 0.00086 lbs./\$**

**NOx Multiplier: 0.082637 lbs./\$**

**Based on the following assumptions:**

#### Grid-based Shore Power:

- Average ship visits: 75 per year over project life.
- Hotelling time: 17.7 hrs. per visit.
- Average in-use auxiliary power: 774 kW.
- Baseline calculations: marine distillate with 0.1 % Sulfur
- Project life: 10-years
- Bond funding amount: \$2,500,000

#### Repower/Replace RTG Crane:

- Old engine: Tier 2, MY2003
- Operation hours: 2,486 per year over project life.
- Project life: 15-years
- Bond funding amount: \$450,000 (half new and repower)

Data Source: 2007 Emission factor (EMFAC) and terminal specific data provided by Stationary Source Division, ARB

### Local Agency Comments

Provide additional comments or details. (optional)

#### ARB Review Details

Comments

**Bond Funding**

Equipment Project Funds Requested (based on Project Details)	\$4,854,369
Maximum Administrative Funds \$	\$ 145,631
Administrative Funds Requested \$	\$145,631
Administrative Funds Requested (as a percentage)	3.00%
Total Program Funds Requested	\$5,000,000
Estimated Total Project Cost for Funding Category	\$9,708,738

**Match Funding Summary Table**

<b>Funding Type</b>	<b>Fund Source</b>	<b>Amount</b>	<b>Available</b>
Private	Grantee cost-share	\$4,854,369	December 2017

**Funding Summary**

Total Match Funding	\$4,854,369
Total Project Funding	\$4,854,369

**Local Agency Comments**

Provide additional comments or details. (optional)

**Emission Benefits**

Estimated PM Reductions	6,505 lbs
Estimated NOx Reductions	593,820 lbs
Sum of Weighted Emission Reductions	723,917 lbs
Total Program Bond Funding Requested	\$5,000,000
Benefits per State Dollar Invested	0.14 lbs/\$

**Local Agency Comments**

Provide additional comments or details. (optional)

### Implementation Schedule

Equipment Project Marketing/Outreach and Solicitation	10 weeks
Review of Equipment Project Applications	8 weeks
Competitive Ranking and Selection of Equipment Projects	2 weeks
Equipment Owner Notification Period	1 weeks
Equipment Project Pre-Inspection Period	2 weeks
Execution of Equipment Project Contracts	4 weeks
Equipment Project Post-Inspection	2 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 **August 7, 2015**. 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)

[BAAQMD Yr 5 Cover ltr.3.pdf](#)

[GMP Yr 5 -SP & Cargo handling Application.pdf](#)

[BAAQMD FYE 2014 Audit Financial Statements.3.pdf](#)

[BAAQMD FYE 2014 Single Audit Reports.3.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 **August 7, 2015**.

- 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:

Transportation and Toxics 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