

Prop 1B Goods Movement Emission Reduction Program

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South Coast Air Quality Management District, Los Angeles/Inland Empire

FY:2012-2013

Funding Category: Locomotives and Rail Yards

Application Status: Submitted

South Coast Air Quality Management District

South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar CA 91765-4178
Tel: 909-396-2100
Fax: 909-396-3340

Fed Tax ID: 95-3099419
 State Tax ID: 932-0135-8
 Governing Board: Yes
 Agency Type: Air District
 Agency Service Population: 16,800,000

Contact Information

| Contact | Name | Phone | Email |
|---|-------------------|--------------|-----------------------|
| Executive Officer | Barry Wallerstein | 909-396-3131 | bwallerstein@aqmd.gov |
| Chief Financial Officer | Micheal O'Kelly | 909-396-2828 | mokelly@aqmd.gov |
| Marketing Lead | Lourdes Martinez | 909-396-3214 | lcmartinez@aqmd.gov |
| Other | Chung Liu | 909-396-2105 | cliu@aqmd.gov |
| Ships at Berth & Cargo Handling Equipment | Fred Minassian | 909-396-2641 | fminassian@aqmd.gov |
| Commercial Harbor Craft | Fred Minassian | 909-396-2641 | fminassian@aqmd.gov |
| Locomotives and Rail Yards | Fred Minassian | 909-396-2641 | fminassian@aqmd.gov |
| Heavy Duty Diesel Trucks | Fred Minassian | 909-396-2641 | fminassian@aqmd.gov |

Locomotive and Rail Yard Project Details

Bond funding Requested for Funding Category

Number of Equipment Projects

\$9,000,000

4

Information used to estimate emission reductions

PM multiplier: 0.0088 lbs/\$

NOx multiplier: 0.14597 lbs/\$

For Locomotives operating in the South Coast Air Basin:

PM multiplier: 0.00252 lbs./\$

NOx multiplier: 0.06981 lbs./\$

Locomotive Equipment Upgrade:

- Tier 4 locomotives operational by 2015
- Each option is to take up a third of the locomotive projects
- Project life: 15-years
- Bond funding amount: \$1,900,000
- If operating in the South Coast Air Basin, the locomotive calculations use a Tier 2 baseline

Old switcher:

- Uncontrolled
- Annual fuel consumption of 20,000 gallons/year
- 100% California operation

Old medium horsepower line-haul:

- Tier 0
- Annual fuel consumption of 50,000 gallons
- 90% California Operation

Old Line-haul:

- Tier 0
- Annual fuel consumption of 120,000 gallons
- 90% California Operation

Data source: Emission Benefits (based on assumptions above)--Used calculator/ ARB emission factors for switchers & U.S.EPA Emission standards for line haul

Local Agency Comments

Provide additional comments or details. (optional)

ARB Review Details

Comments

Bond Funding

| | |
|--|--------------|
| Equipment Project Funds Requested (based on Project Details) | \$9,000,000 |
| Maximum Administrative Funds \$ | \$ 270,000 |
| Administrative Funds Requested \$ | \$270,000 |
| Administrative Funds Requested (as a percentage) | 3.00% |
| Total Program Funds Requested | \$9,270,000 |
| Estimated Total Project Cost for Funding Category | \$18,000,000 |

Match Funding Summary Table

| Funding Type | Fund Source | Amount | Available |
|---------------------|--------------------|---------------|------------------|
| Private | Railroads | \$9,000,000 | January 2014 |

Funding Summary

| | |
|-----------------------|-------------|
| Total Match Funding | \$9,000,000 |
| Total Project Funding | \$9,000,000 |

Local Agency Comments

Provide additional comments or details. (optional)

Emission Benefits

| | |
|--------------------------------------|---------------|
| Estimated PM Reductions | 79,200 lbs |
| Estimated NOx Reductions | 1,313,730 lbs |
| Sum of Weighted Emission Reductions | 2,897,730 lbs |
| Total Program Bond Funding Requested | \$9,270,000 |
| Benefits per State Dollar Invested | 0.31 lbs/\$ |

Local Agency Comments

Provide additional comments or details. (optional)

Implementation Schedule

| | |
|---|-----------|
| Equipment Project Marketing/Outreach and Solicitation | 3 months |
| Review of Equipment Project Applications | 3 months |
| Competitive Ranking and Selection of Equipment Projects | 1 month |
| Equipment Owner Notification Period | 1 month |
| Equipment Project Pre-Inspection Period | 3 months |
| Execution of Equipment Project Contracts | 3 months |
| Equipment Project Post-Inspection | 24 months |

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 . 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)

[SCAQMD Proj Narrative 2 Locomotives 3-13-13.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