

Prop 1B Goods Movement Emission Reduction Program

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San Joaquin Valley Unified Air Pollution Control District, Central Valley

FY:2012-2013

Funding Category: Locomotives and Rail Yards

Application Status: Submitted

San Joaquin Valley Unified Air Pollution Control District

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1990 E. Gettysburg Avenue

Fresno CA 93726

Tel: 559-230-6000

Fax: 559-230-6112

Fed Tax ID: 77-0262563

State Tax ID: 69814069

Governing Board: Yes

Agency Type: Air District

Agency Service Population: 3,000,000

Contact Information

Contact	Name	Phone	Email
Executive Officer	Seyed Sadredin	559-230-6000	seyed.sadredin@valleyair.org
Chief Financial Officer	Cindi Hamm	559-230-6000	cindi.hamm@valleyair.org
Other	Jaime Holt	559-230-6000	jaime.holt@valleyair.org
Other	Samir Sheikh	559-230-6000	samir.sheikh@valleyair.org
Marketing Lead	Jaime Holt	559-230-6000	jaime.holt@valleyair.org
Other	Todd DeYoung	559-230-6000	todd.deyoung@valleyair.org
Locomotives and Rail Yards	Stephanie Hitchman	559-230-5845	stephanie.hitchman@valleyair.org
Heavy Duty Diesel Trucks	Stephanie Hitchman	559-230-5845	stephanie.hitchman@valleyair.org

Locomotive and Rail Yard Project Details

Bond funding Requested for Funding Category

Number of Equipment Projects

\$28,000,000

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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)

Bond Funding

Equipment Project Funds Requested (based on Project Details)	\$28,000,000
Maximum Administrative Funds \$	\$ 840,000
Administrative Funds Requested \$	\$840,000
Administrative Funds Requested (as a percentage)	3.00%
Total Program Funds Requested	\$28,840,000
Estimated Total Project Cost for Funding Category	\$56,000,000

Match Funding Summary Table

Funding Type	Fund Source	Amount	Available
Private	equipment owner cost share	\$28,000,000	January 2014

Funding Summary

Total Match Funding	\$28,000,000
Total Project Funding	\$28,000,000

Local Agency Comments

Provide additional comments or details. (optional)

Emission Benefits	
Estimated PM Reductions	246,400 lbs
Estimated NOx Reductions	4,087,160 lbs
Sum of Weighted Emission Reductions	9,015,160 lbs
Total Program Bond Funding Requested	\$28,840,000
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	4.5
Review of Equipment Project Applications	10
Competitive Ranking and Selection of Equipment Projects	2
Equipment Owner Notification Period	1
Application Processing and Applicant Information Verification	40
Equipment Project Pre-Inspection Period	40
Execution of Equipment Project Contracts	60
Equipment Project Post-Inspection	78
Liquidation Period	82

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)

[SJVAPCD Proposal 2013 locomotives FINAL.pdf](#)

[SJVAPCD Attachment A Budget.pdf](#)

[SJVAPCD Attachment B Financial Report.pdf](#)

[SJVAPCD Attachment C community meeting.pdf](#)

[SJVAPCD Attachment D Board Resolution 2008.pdf](#)

[SJVAPCD signature page locomotives.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