

# Prop 1B Goods Movement Emission Reduction Program

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San Joaquin Valley Unified Air Pollution Control District, Central Valley

FY:2015-2016

Funding Category: Locomotives and Rail Yards

Application Status: In Process

## San Joaquin Valley Unified Air Pollution Control District

**San Joaquin Valley Unified Air Pollution Control District**  
**1990 E. Gettysburg Avenue**  
**Fresno CA 93726**  
**Tel: 559-230-6000**  
**Fax: 559-230-6111**

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
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
Chief Financial Officer	Mehri Barati	559-230-5800	mehri.barati@valleyair.org
Other	Samir Sheikh	559-230-5800	samir.sheikh@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
Transport Refrigeration Units	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**

\$40,000,000

21

### 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)	\$40,000,000
Maximum Administrative Funds \$	\$ 1,200,000
Administrative Funds Requested \$	\$1,200,000
Administrative Funds Requested (as a percentage)	3.00%
Total Program Funds Requested	\$41,200,000
Estimated Total Project Cost for Funding Category	\$80,000,000

**Match Funding Summary Table**

<b>Funding Type</b>	<b>Fund Source</b>	<b>Amount</b>	<b>Available</b>
Private	applicant cost share	\$57,966,600	June 2016

**Funding Summary**

Total Match Funding	\$57,966,600
Total Project Funding	\$40,000,000

**Local Agency Comments**

Provide additional comments or details. (optional)

### **Emission Benefits**

Estimated PM Reductions	352,000 <b>lbs</b>
Estimated NOx Reductions	5,838,800 <b>lbs</b>
Sum of Weighted Emission Reductions	12,878,800 <b>lbs</b>
Total Program Bond Funding Requested	\$41,200,000
Benefits per State Dollar Invested	0.31 <b>lbs/\$</b>

### **Local Agency Comments**

Provide additional comments or details. (optional)

### Implementation Schedule

Equipment Project Marketing/Outreach and Solicitation	12 weeks
Review of Equipment Project Applications	20 weeks
Competitive Ranking and Selection of Equipment Projects	6 weeks
Equipment Owner Notification Period	4 weeks
Equipment Project Pre-Inspection Period	60 weeks
Execution of Equipment Project Contracts	100 weeks
Equipment Project Post-Inspection	150 weeks
Liquidation period	200 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)

[SJVAPCD Proposal 2015-2016 Locomotives FINAL.pdf](#)

[SJVAPCD Attachment A Budget 2015-2016.pdf](#)

[SJVAPCD Attachment B Financial Report 2014.pdf](#)

[SJVAPCD Attachment C Community Meeting.pdf](#)

[SJVAPCD Attachment D Board Resolution 2008.2.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