

Goods Movement Emission Reduction Program

South Coast Air Quality Management District
Trade Corridor: Los Angeles/Inland Empire

2007-2008
Locomotives

South Coast Air Quality Management District

| | | | | | | | |
|--|---|---|-----|--------------|--------------|----------------------------|------------|
| <p>South Coast Air Quality Management District 21865 Copley Drive</p> <p>Diamond Bar CA 91765-4178</p> <p>Tel: 909-396-2100 Fax: 909-396-3340</p> | <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">Governing Board, Counsel or Commission:</td> <td style="width: 30%;">Yes</td> </tr> <tr> <td>Agency Type:</td> <td>Air District</td> </tr> <tr> <td>Agency Service Population:</td> <td>16,600,000</td> </tr> </table> | Governing Board, Counsel or Commission: | Yes | Agency Type: | Air District | Agency Service Population: | 16,600,000 |
| Governing Board, Counsel or Commission: | Yes | | | | | | |
| Agency Type: | Air District | | | | | | |
| Agency Service Population: | 16,600,000 | | | | | | |

Contact Informaton

| <u>Contact</u> | <u>Name</u> | <u>Phone</u> | <u>Email</u> |
|---|----------------|--------------|---------------------|
| <u>Source Category Contacts</u> | | | |
| Other Heavy-Duty Diesel Trucks | Fred Minassian | 909-396-2641 | fminassian@aqmd.gov |
| Trucks Serving Port and Intermodal Rail Yards | Fred Minassian | 909-396-2641 | fminassian@aqmd.gov |
| Locomotives | Fred Minassian | 909-396-2641 | fminassian@aqmd.gov |
| Harbor Craft | Fred Minassian | 909-396-2641 | fminassian@aqmd.gov |
| Shore Power | Fred Minassian | 909-396-2641 | fminassian@aqmd.gov |

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Local Agency Project Details

The tables below detail your funding sources as well as the emission reductions achieved for implementing this local agency proposal.

Locomotive

| Type of Equipment | Pieces of Equipment | | Bond Funding per unit | Current Emissions Control | Fuel Type | Activity Level | Replacement Option | Emission Reductions over Project Life | | Project Life |
|-------------------|---------------------|-----|-----------------------|---------------------------|-----------|----------------|---------------------|---------------------------------------|-------------|--------------|
| | Old | New | | | | | | Nox (lbs) | PM (lbs) | |
| Switcher | 8 | 8 | \$ 750,000.00 | Tier 0 | Diesel | 50,000 | Replace With Tier 2 | 2,787,992.379 | 141,676.097 | 15 |



| Equipment Project Option | Sum of NO _x Benefits (lbs) | Sum of PM Benefits (lbs) | Cost Effectiveness (lb/State \$) |
|--|--|-----------------------------|-------------------------------------|
| Switcher | 2,787,922.379 | 141,676.097 | 0.910 |
| Line Haul | 0.000 | 0.000 | 0.000 |
| Overall Project Emission Reductions | 2,787,922.379 | 141,676.097 | 0.910 |

Bond Funding

| Bond project dollars requested plus any administrative dollars | Administrative Cost Details |
|--|--|
| \$ 6,180,000.00 | 3% admin cost, as calculated below, is added to the total funding request amount of \$6,000,000: \$6,000,000 * 3% = \$180,000 |

Summary Table

| | |
|---|-----------------|
| Total amount of Bond Project dollars for Switcher | \$ 6,000,000.00 |
|---|-----------------|

Total Funding Amount for Proposal (All Bond plus Non-Bond)

| | |
|---|------------------|
| Total Funding Amount for Proposal (Bond + Non-Bond) | \$ 12,180,000.00 |
|---|------------------|

Non-Bond Funding Summary Table

| Fund Type | Fund Source Name | Amount | Date Funds Available | Describe conditions or additional requirements associated with these non-bond funds |
|-----------|--------------------|-----------------|----------------------|--|
| Private | Railroad Companies | \$ 6,000,000.00 | 1/1/2010 | Match funds of \$750,000 per unit will be provided by railroad companies applying for the funding. |

Proposal Narrative

Attachment(s)

[1.1 SCAQMD Prop 1B Locomotives Application.doc](#)

[2.1 Questions and Clarifications to Application.5.zip](#)