

Goods Movement Emission Reduction Program

Bay Area Air Quality Management District

2007-2008

Trade Corridor: Bay Area

Harbor Craft

Bay Area Air Quality Management District

<p>Bay Area Air Quality Management District 939 Ellis Street</p> <p>San Francisco CA 94109</p> <p>Tel: 415-749-5000 Fax: 415-928-8560</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Governing Board, Counsel or Commission:</td> <td style="padding: 2px; text-align: right;">Yes</td> </tr> <tr> <td style="padding: 2px;">Agency Type:</td> <td style="padding: 2px; text-align: right;">Air District</td> </tr> <tr> <td style="padding: 2px;">Agency Service Population:</td> <td style="padding: 2px; text-align: right;">7,200,000</td> </tr> </table>	Governing Board, Counsel or Commission:	Yes	Agency Type:	Air District	Agency Service Population:	7,200,000
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Contact Informaton

<u>Contact</u>	<u>Name</u>	<u>Phone</u>	<u>Email</u>
<u>Source Category Contacts</u>			
Trucks Serving Port and Intermodal Rail Yards	Joseph Steinberger	415-749-5018	jsteinberger@baaqmd.gov
Other Heavy-Duty Diesel Trucks	Joseph Steinberger	415-749-5018	jsteinberger@baaqmd.gov
Shore Power	Joseph Steinberger	415-749-5018	jsteinberger@baaqmd.gov
Locomotives	Tina McRee	415-749-4701	tmcree@baaqmd.gov
Harbor Craft	Tina McRee	415-749-4701	tmcree@baaqmd.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.

Harbor Craft Equipment Details

Vessel Type	Equipment Project Option	Number of Vessels	Bond Funding Allocated (\$)	Original Engine Model Year	Original Engine HP	New HP	Engine Model Year of New Equipment	Number of Propulsion Engines		Fuel Type		Fuel Consumption (gal/yr)	Hours of use per vessel	Emission Reductions over Project Life		Project Life (years)
								Old	New	Old	New			Nox (lbs)	PM (lbs)	
Tug	Repower	4	1,489,320.00	1980	1,379.00	1,379.00	2008	2	2	Diesel	Diesel	0.00	2,274.00	2,473,438.700	116,177.400	15
Crew & Supply	Repower	13	2,610,530.00	1980	467.00	467.00	2008	2	2	Diesel	Diesel	0.00	788.00	649,031.000	31,090.000	15



Equipment Project Option	Sum of NO_x Benefits (lbs)	Sum of PM Benefits (lbs)	Cost Effectiveness (lb/State \$)
Repower	3,122,470.000	147,267.000	1.423
Replacement	0.000	0.000	0.000
Overall Project Emission Reductions	3,122,470.000	147,267.000	1.423

Bond Funding

Bond project dollars requested plus any administrative dollars	Administrative Cost Details
\$ 4,264,000.00	The Air District is requesting \$164,000 (4%) for the administration of this project.

Summary Table

Total amount of Bond Project dollars for Repower	\$ 4,099,850.00
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Total Funding Amount for Proposal (All Bond plus Non-Bond)

Total Funding Amount for Proposal (Bond + Non-Bond)	\$ 6,421,130.00
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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
Other	Vessel Owners	\$ 2,157,130.00	9/1/2008	None

Proposal Narrative

Attachment(s)

[1_BAAQMD Application-Marine Craft-4-4-08.doc](#)

[2_Questions and Clarifications to Application.zip](#)