

APPENDIX B

MARINE VESSEL

PROJECT APPLICATION

March 16, 2007

**Carl Moyer Memorial Air Quality Standards Attainment Program
2007 MULTIDISTRICT MARINE VESSEL PROJECT
APPLICATION**

This application is for incentive funds to offset the incremental cost of repowering or retrofitting marine vessel engines. All projects must be multidistrict projects, achieve emission reductions beyond all regulatory requirements, meet the minimum Carl Moyer Program eligibility criteria described in the January 6, 2006, Carl Moyer Program Guidelines and the 2006 Carl Moyer Program Advisories, and comply with the specific requirements of this solicitation. The 2006 Carl Moyer Program Guidelines and Advisories can be viewed at: <http://www.arb.ca.gov/msprog/moyer/moyer.htm>.

Applicants are required to submit all items in the checklist on page B-2. Project implementation plans should, at a minimum, indicate who will do the work, whether or not they have successfully completed similar projects in a timely manner, and when the work will be completed. Project cost information, including cost-effectiveness calculations, vendor quotes and other documentation substantiating cost data requested in this application must also be provided.

An applicant workshop will be held Friday, March 30, 2007, from 1:00 p.m. to 4:00 p.m. in the Coastal Hearing Room at the Air Resources Board facility located at 1001 I Street, Sacramento, California. Applicants choosing to participate may do so in person or via conference call. The call-in number is (888) 373-3590 and the participant code is 62343. The intent of the workshop is to provide potential project applicants with an opportunity to ask clarifying questions regarding general project requirements and specific technology questions. Written questions submitted before the workshop will be given priority. Questions may be e-mailed to Ms. Grace Garcia at ggarcia@arb.ca.gov, or faxed to Ms. Garcia at (916) 323-2781. Questions may be submitted up to the close of business Friday, March 23, 2007. The questions and answers will be posted on the ARB website no later than Friday, April 6, 2007. Questions asked after the workshop will be answered and posted on the internet on a staff availability basis. Any verbal communication with an ARB employee concerning this solicitation is not binding on the State and shall in no way alter a specification, term or condition of the solicitation.

In accordance with the Guidelines, applicants must disclose if they have applied for or received public financial assistance that reduces the project cost, including tax credits or deductions, grants, or any other public financial assistance given for the vehicles and engines listed in this application. The applicant must reduce the incremental cost of the project by the amount of any current financial incentive received. Any applicant failing to report additional funding for this project may be banned from future participation in the Carl Moyer Program and be subject to criminal sanctions.

Final project selection will be completed by June 1, 2007 and successful applicants will be notified immediately. Questions regarding the application process should be directed to Ms. Grace Garcia at (916) 323-2781.

CHECK LIST FOR APPLICATION ITEMS

Be sure the following items are included with the application submittal.

- Completed and signed application.
- Project implementation plan (see Appendix I of this multidistrict solicitation).
- Project cost documentation including vendor quotes and other substantiating data to support cost estimates provided in this application.
- Calculations of project cost-effectiveness and emission reductions (see Appendix D of Carl Moyer Program Guidelines).

Eligibility Criteria

To be eligible for funding, projects must meet the criteria described in the 2006 Carl Moyer Program Guidelines and the 2006 Carl Moyer Program Advisories. These criteria include but are not limited to the following:

- Emission reductions obtained through Carl Moyer Program projects must not be required by any federal, state or local regulation, memorandum of agreement/understanding with a regulatory agency, settlement agreement, mitigation requirement, or other legal mandate.
- Projects must meet a cost-effectiveness of \$14,300 per weighed ton of NOx + ROG + twenty times combustion PM10 reduced, calculated in accordance with the cost-effectiveness methodology discussed in the Guidelines.
- No emission reductions generated by the Carl Moyer Program shall be used as marketable emission reduction credits, or to offset any emission reduction obligation of any person or entity.
- No project funded by the Carl Moyer Program shall be used for credit under any federal or state emission averaging banking and trading program.
- All engines in new vehicle purchases and repower projects must be certified by the ARB for sale in California and must comply with durability and warranty requirements.

MARINE VESSEL APPLICATION

Please print clearly or type all information on this application and on all attachments.

A. APPLICANT INFORMATION

| | | |
|--|-------------|-----------|
| 1. Company name/ Organization name/ Individual name: | | |
| 2. Business type: | | |
| 3. Contact name and title: | | |
| 4. Person with contract signing authority (if different from above): | | |
| 5. Business mailing address and contact information: | | |
| Street: | | |
| City: | State: | Zip code: |
| Phone: () | Fax: () | |
| E-mail: | | |
| 6. Project address (if different from above): | | |
| 7. How many engines are being applied for? | | |

B. FUNDING DISCLOSURE

| |
|--|
| 1. Have any engines or vehicles listed in this application applied for or have been awarded Carl Moyer Program funding or other grants? <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 2. If "yes", complete the following for each engine or vehicle: |
| Agency applied to: |
| Date/Number of Agency Solicitation: |
| Funding Amount Requested: |
| Old Engine Serial Number: |
| Status: |

I hereby certify that all information provided in this application and any attachments are true and correct.

| | |
|------------------------------------|--------|
| Printed Name of Responsible Party: | Title: |
| Signature of Responsible Party: | Date: |

Third Party Certification

I have completed the application, in whole or in part, on behalf of the applicant.

| | |
|--|---|
| Printed Name of Third Party: | Title: |
| Signature of Third Party: | Date: |
| Amount Being Paid for Application Completion in Whole or Part: | Source of funding to 3 rd party: |

C. PROJECT DESCRIPTION

| | |
|---|--|
| 1. Vessel name: | |
| 2. US Coast Guard documentation number or IMO/Lloyds number (if foreign flagged): | |
| 3. Vessel berth location: | |
| 4. The existing marine vessel is used for (check one): | |
| <input type="checkbox"/> commercial fishing | <input type="checkbox"/> tow |
| <input type="checkbox"/> charter fishing | <input type="checkbox"/> tug |
| <input type="checkbox"/> crew and supply | <input type="checkbox"/> work |
| <input type="checkbox"/> ferry excursion | <input type="checkbox"/> other: _____ |
| <input type="checkbox"/> pilot | |
| 5. Estimated total annual nautical miles traveled in California coastal water boundary: | |
| 6. Does this vessel remain within the port? | |
| <i>Please respond to question number 7 or 8</i> | |
| 7.a. Estimated total annual hours of operation in California coastal waters: | 8.a. Estimated total fuel consumption in California coastal waters (in gallons): |
| b. California ports called on and estimated annual operating hours in each: | b. California ports called on and estimated annual fuel consumption in each: |
| <i>(For auxiliary power projects)</i> | |
| 9. Average fuel consumption (gallons) per port call for auxiliary power: | |

D. MARINE VESSEL REPOWER

| | |
|---|------------------|
| 1. Number of Propulsion Engines to be Repowered: | |
| 2. Number of Auxiliary Engines to be Repowered: | |
| 3a. Vessel Make: | b. Vessel Model: |
| c. Vessel Year: | |
| 4. Does the project vessel utilize a wet exhaust system? <input type="checkbox"/> YES <input type="checkbox"/> NO | |

**E. ENGINE INFORMATION – NEEDED FOR EACH PROJECT ENGINE
(PROPULSION OR AUXILIARY)**

| | | | |
|---|-----------------------------------|---|--|
| 1. Baseline Engine Make: | | b. Baseline Engine Model: | |
| c. Baseline Engine Year: | | d. Baseline Engine Serial Number: | |
| e. Baseline Engine Horsepower: | | f. Baseline Engine Displacement (ltr/cyl): | |
| g. Baseline Engine Fuel: | | | |
| 2. Will the vessel engine have a functioning hour meter for the full project life? (Yes/No): | | | |
| 3. Engine Annual Hours of Operation or Gallons of Fuel Consumed: | | | |
| 4a. Reduced Emission Engine Make: | b. Reduced Emission Engine Model: | c. Reduced Emission Engine Year: | |
| d. Reduced Emission Engine Serial Number (if available): | | | |
| e. Reduced Emission Engine Horsepower: | | f. Reduced Emission Engine Displacement (liters/cyl): | |

**F. COST INFORMATION – NEEDED FOR EACH PROJECT ENGINE
(PROPULSION and/or AUXILIARY)**

| |
|--------------------------------------|
| 1. Cost to Rebuild Existing Engine: |
| 2a. New Engine Purchase Price: |
| 2b. New Engine Installation Cost: |
| 2c. New Engine Vendor (optional): |
| 2d. New Engine Installer (optional): |

G. RETROFIT PROJECTS

| | | |
|---|--------------------------|------------------|
| 1a. Engine Family: | b. Engine Make: | c. Engine Model: |
| d. Engine Year: | e. Tier (if applicable): | |
| f. Engine Serial Number: | | |
| 2. Retrofit Device Make: | | |
| 3. ARB-verified Retrofit Device Name: | | |
| 4. Retrofit Device ARB Executive Order: | | |
| 5. Retrofit Device Serial Number (if available): | | |
| 6. Verification Level: <input type="checkbox"/> LEVEL 1 <input type="checkbox"/> LEVEL 2 <input type="checkbox"/> LEVEL 3 | | |
| 7a. ARB-Verified NOx Reduction (%): | | |
| b. ARB-Verified PM Reduction (%): | | |
| c. ARB-Verified ROG Reduction (%): | | |
| 8. Retrofit Device Cost: | | |
| 9. Cost of Retrofit Installation: | | |
| 10. Cost of Retrofit Maintenance for Project Life (if known): | | |